

# CATALOG

## FAMILY BOMBYLIIDAE LATREILLE

### Subfamily OLIGODRANINAE Evenhuis

#### Genus OLIGODRANES Loew

**OLIGODRANES** Loew, 1844: 160. Type species: *Oligodranes obscuripennis* Loew, 1844, by subsequent designation (Becker, 1913: 484).

#### **flavus**

*Oligodranes flavus* Paramonov, 1929a: 191(129). TYPE LOCALITY: Turkmenistan [L designated by Evenhuis & Greathead (1999: 668) in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Azerbaijan, Turkmenistan, Uzbekistan.

#### **israeliensis**

*Oligodranes israeliensis* Zaitzev, 1998: 694 [1998a: 1083]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel.

#### **obscuripennis**

*Oligodranes obscuripennis* Loew, 1844: 160. TYPE LOCALITY: “Kleinasien” [= Greece, Syria, or Turkey] & Greece [6S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Greece, Iran, Italy, Turkey.

## Subfamily **USIINAE** Becker

### TRIBE **APOLYSINI** EVENHUIS

#### Genus **APOLYSIS** Loew

**APOLYSIS** Loew, 1860a: 86 [1860b: 269; 1860c: 197]. Type species: *Apolysis humilis* Loew, 1860, by monotypy.

*RHABDOPSELAPHUS* Bigot, 1886a: ciii [1886c: ciii]. Type species: *Rhabdopselaphus mus* Bigot, 1886, by monotypy.

*PSEUDOGERON* Cresson, 1915: 201. Type species: *Pseudogeron mitis* Cresson, 1915, by original designation.

*DAGESTANIA* Paramonov, 1929a: 133(195). Type species: *Dagestania pusilla* Paramonov, 1929, by original designation.

#### **acrostichalis**

*Oligodranes acrostichalis* Melander, 1946: 471. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 667) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

#### **albella**

*Apolysis albella* Zaitzev, 1972b: 862. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaearctic**: Mongolia.

#### **albopilosa**

*Rhabdopselaphus albopilosus* Cole, 1923: 313. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte).

#### **analis**

*Oligodranes analis* Melander, 1946: 471. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

#### **andalusiaca**

*Cyrtosia andalusiaca* Strobl, 1898: 301. TYPE LOCALITY: Spain [H in NMBA].

DISTRIBUTION: **Palaearctic**: Spain.

#### **anomala**

*Oligodranes anomalus* Hesse, 1975a: 304. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

#### **anthonoma**

*Oligodranes anthonomus* Melander, 1946: 472. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

#### **aperta**

*Apolysis aperta* Melander, 1946: 459. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**arenicola**

*Apolysis arenicola* Tabet, 1979: 152. [Unavailable; name proposed in an unpublished thesis.]

*Apolysis arenicola* Tabet, 2001d: 53. TYPE LOCALITY: USA (Idaho) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (Idaho).

**atra**

*Pseudogeron atra* Cresson, 1915: 204. TYPE LOCALITY: USA (New Mexico) [H in ANSP].

DISTRIBUTION: **Nearctic**: USA (Nevada, New Mexico).

**barri**

*Oligodranes barri* Tabet, 1979: 157. [Unavailable; name proposed in an unpublished thesis.]

*Oligodranes barri* Tabet, 2001d: 54. TYPE LOCALITY: USA (Idaho) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (Idaho).

**beijingensis**

*Parageron beijingensis* Yang & Yang, 1994: 273. TYPE LOCALITY: China (Beijing) [H in CAU].

DISTRIBUTION: **Palearctic**: China (Beijing).

**bicolor**

*Oligodranes bicolor* Melander, 1946: 473. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 667) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**bifaria**

*Oligodranes bifarius* Melander, 1946: 473. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 668) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**bilineata**

*Oligodranes bilineatus* Melander, 1946: 474. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**bivittata**

*Pseudogeron bivittata* Cresson, 1915: 206. TYPE LOCALITY: USA (Texas) [H in ANSP].

DISTRIBUTION: **Nearctic**: USA (Texas).

**brachycera**

*Apolysis brachycera* Hesse, 1975a: 290. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**brevirostris**

*Apolysis brevirostris* Hesse, 1938: 856. TYPE LOCALITY: South Africa (Northern Cape) [3S in BMNH\*; 1S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**capax**

*Geron capax* Coquillett, 1892b: 126. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 3) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**capicola**

*Apolysis capicola* Hesse, 1975a: 283. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**chalybea**

*Oligodranes chalybeus* Melander, 1946: 474. TYPE LOCALITY: USA (Oregon) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Oregon).

**cinctura**

*Geron cinctura* Coquillett, 1894a: 111. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999:4) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Nevada, Oregon, Utah).

**cinerea**

*Cyrtosia cinerea* Perris in Gobert, 1887: 22 [*in* Becker, Bezzi, Bischof, Kertész & Stein, 1903: 190; *in* Villeneuve, 1904: 71]. *Nomen nudum*.

*Cyrtosia cinerea* Séguy, 1926: 223. TYPE LOCALITY: France [2S<sup>1</sup> in MNHN\*].

DISTRIBUTION: **Palaeartic**: France, Italy.

**cingulata**

*Apolysis cingulata* Hesse, 1938: 853. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**cockerelli**

*Oligodranes cockerelli* Melander, 1946: 476. TYPE LOCALITY: USA (New Mexico) [L designated by Evenhuis & Greathead (1999: 4) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (New Mexico).

**colei**

*Oligodranes colei* Melander, 1946: 476. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**comosa**

*Oligodranes comosus* Melander, 1946: 477. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**corollae**

*Apolysis corollae* Greathead, 1966: 201. TYPE LOCALITY: Tanzania [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Tanzania.

**crisis**

*Apolysis cinereus* Evenhuis, 1983c: 311. TYPE LOCALITY: USA (New Mexico) [H in BPBM\*]. [Preoccupied by Séguy, 1926.]

*Apolysis crisis* Evenhuis, 1990a: 32 (new replacement name for *Apolysis cinereus* Evenhuis, 1983).

DISTRIBUTION: **Nearctic**: USA (Arizona, New Mexico).

**disjuncta**

*Apolysis disjuncta* Melander, 1946: 459. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**dissimilis**

*Oligodranes dissimilis* Melander, 1946: 478. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 4) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**distincta**

*Oligodranes distinctus* Melander, 1946: 478. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**divisa**

*Oligodranes divisa* Melander, 1946: 479. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**dolichorostris**

*Dagestania longirostris* Paramonov, 1947c: 215. TYPE LOCALITY: Turkmenistan [H in SIZK]. [Preoccupied by Melander, 1946.]

*Apolysis dolichorostris* Evenhuis & Greathead, 1999: 5 (new replacement name for *Dagestania longirostris* Paramonov, 1947).

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Turkmenistan.

**dolorosa**

*Oligodranes dolorosus* Melander, 1946: 480. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 5) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**druias**

*Apolysis druias* Melander, 1946: 460. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 5) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Arizona).

**elegans**

*Oligodranes elegans* Hesse, 1938: 865. TYPE LOCALITY: “South West Africa” [= Namibia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**eremitis**

*Oligodranes eremitis* Melander, 1946: 480. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**eremophila**

*Apolysis eremophila* Loew, 1873: 199. TYPE LOCALITY: Uzbekistan [4S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Canary Is, Croatia, Egypt, Hungary, Iran, Israel, Italy, Spain, Tunisia, Turkmenistan, Uzbekistan.

**fasciola**

*Geron fasciola* Coquillett, 1892b: 125. TYPE LOCALITY: USA (California) L designated by Evenhuis & Greathead (1999: 5) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada, Wyoming).

**flavifemoris**

*Oligodranes flavifemoris* Hesse, 1975a: 303. TYPE LOCALITY: South Africa (Western Cape) [9S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**flavipleura**

*Oligodranes flavipleurus* Bowden, 1964a: 50. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**formosa**

*Pseudogeron formosa* Cresson, 1915: 205. TYPE LOCALITY: USA (New Mexico) [H in ANSP\*].

DISTRIBUTION: **Nearctic**: USA (New Mexico).

**fumalis**

*Apolysis fumalis* Hesse, 1938: 855. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: ?Kenya, South Africa (KwaZulu-Natal), Tanzania.

**fumata**

*Oligodranes fumatus* Greathead, 1966: 204. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**fumipennis**

*Oligodranes fumipennis* Loew, 1844: 162. TYPE LOCALITY: “mit der vorigen Art gemein” [= Turkey & Greece] [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Greece, Turkey.

**galba**

*Apolysis galba* Yao, Yang, Evenhuis & Gharali, 2010: 22. TYPE LOCALITY: China (Ningxia) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Ningxia).

**glabrifrons**

*Apolysis glabrifrons* Gharali & Evenhuis, 2010: 44. TYPE LOCALITY: Iran [H in TMUT].

DISTRIBUTION: **Palaeartic**: Iran.

**glauca**

*Apolysis glauca* Melander, 1946: 461. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**gobiensis**

*Oligodranes gobiensis* Zaitzev, 1975: 554. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**hesseana**

*Apolysis namaensis* Hesse, 1975a: 289. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*]. [Preoccupied by Hesse, 1938.]

*Apolysis hesseana* Evenhuis, 1990a: 32 (new replacement name for *Apolysis namaensis* Hesse, 1975).

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**hirtella**

*Apolysis hirtella* Hesse, 1975a: 292. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**humbug**

*Oligodranes humbug* Evenhuis, 1985c: 508. TYPE LOCALITY: USA (California) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**humilis**

*Apolysis humilis* Loew, 1860a: 86 [1860b: 269; 1860c: 197]. TYPE LOCALITY: “Caf-fraria” [= South Africa (Eastern Cape)] & Cap. B. Sp.” [= South Africa (Western Cape)] [2S in ZMHB\*; 1S in NHRS].

*Apolysis stuckenbergi* Hesse, 1975a: 281. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, KwaZulu-Natal, Western Cape).

**instabilis**

*Oligodranes instabilis* Melander, 1946: 481. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greatehead (1999: 6) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**irwini**

*Apolysis irwini* Hall, 1976a: 89. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**knabi**

*Pseudogeron knabi* Cresson, 1915: 206. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (New Mexico, Utah).

**lactearia**

*Apolysis lactearia* Hesse, 1975a: 288. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**langemarki**

*Oligodranes langemarki* François, 1969c: 126. TYPE LOCALITY: Spain [H in ZMUC\*].

DISTRIBUTION: **Palaeartic**: Spain.

**lasia**

*Oligodranes lasius* Melander, 1946: 482. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greatehead (1999: 7) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**leberi**

*Apolysis leberi* Evenhuis, 1983c: 311. TYPE LOCALITY: USA (New Mexico) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: USA (New Mexico).

**lindneri**

*Apolysis lindneri* Hesse, 1962: 1. TYPE LOCALITY: South Africa (Western Cape) [H in SMNS].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**longirostris**

*Oligodranes longirostris* Melander, 1946: 483. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greatehead (1999: 7) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**loricata**

*Oligodranes loricator* Melander, 1946: 483. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**lugens**

*Oligodranes lugens* Melander, 1946: 484. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**maculata**

*Oligodranes maculatus* Melander, 1946: 484. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**magister**<sup>†</sup>

*Apolysis magister* Melander, 1947: 47. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in AMNH\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

**maherniaphila**

*Apolysis maherniaphila* Hesse, 1938: 859. TYPE LOCALITY: South Africa (Western Cape) [10S in SAMC\*; 1S in NMSA\*; 2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**major**

*Apolysis major* Zaitzev, 1975: 551. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaearctic**: Mongolia.

**marginalis**

*Pseudogeron marginalis* Cresson, 1915: 207. TYPE LOCALITY: USA (New Mexico) [H in ANSP\*].

DISTRIBUTION: **Nearctic**: USA (New Mexico).

**maskali**

*Apolysis maskali* Greathead, 1966: 201. TYPE LOCALITY: Ethiopia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ethiopia.

**matutina**

*Oligodranes acrostichalis* var. *matutinus* Melander, 1946: 471. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**melanderella**

*Oligodranes cinereus* Melander, 1946: 475. TYPE LOCALITY: USA (California) [H in USNM\*]. [Preoccupied by Séguy, 1926.]

*Apolysis melanderella* Evenhuis, 1990a: 32 (new replacement name for *Oligodranes cinereus* Melander, 1946).

DISTRIBUTION: **Nearctic**: USA (California).

**minuscula**

*Apolysis minuscula* Hesse, 1975a: 285. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).



**minutissima**

*Apolysis minutissima* Melander, 1946: 461. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**mitis**

*Pseudogeron mitis* Cresson, 1915: 205. TYPE LOCALITY: USA (New Mexico) [H in ANSP\*].

DISTRIBUTION: **Nearctic**: USA (New Mexico, Utah).

**mohavea**

*Apolysis mohavea* Melander, 1946: 462. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Idaho).

**montana**

*Oligodranes montanus* Melander, 1946: 485. TYPE LOCALITY: USA (California) [L designated by Arnaud & Lee in Arnaud (1979: 223) in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**monticola**

*Apolysis monticola* Hesse, 1975a: 280. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**montivaga**

*Apolysis montivaga* François, 1969c: 121. TYPE LOCALITY: Spain [H in ZMUC\*].

DISTRIBUTION: **Palaeartic**: Italy, Spain.

**mus**

*Rhabdopselaphus mus* Bigot, 1886a: civ [1886c: civ]. TYPE LOCALITY: USA (California) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**namaensis**

*Oligodranes namaensis* Hesse, 1938: 864. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**nauseosa**

*Oligodranes nauseosus* Tabet, 1979: 160. [Unavailable; name proposed in an unpublished thesis.]

*Oligodranes nauseosus* Tabet, 2001d: 55. TYPE LOCALITY: USA (Idaho) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California).

**neuter**

*Oligodranes neuter* Melander, 1946: 486. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**nigricans**

*Oligodranes nigricans* Tabet & Hall, 1987: 61. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**obscura**

*Pseudogeron obscura* Cresson, 1915: 204. TYPE LOCALITY: USA (New Mexico) [H in ANSP\*].

DISTRIBUTION: **Nearctic**: USA (New Mexico, Oregon, Texas, Utah).

**oreophila**

*Apolysis oreophila* Hesse, 1975a: 282. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**ornata**

*Usia ornata* Engel, 1932b: 76. TYPE LOCALITY: Egypt [2S (destroyed) in ESEC (see Note 4)].

*Usia tomentosa* Engel, 1932b: 78. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaearctic**: Egypt, Morocco.

**palpalis**

*Oligodranes palpalis* Melander, 1946: 486. TYPE LOCALITY: USA (Washington) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Montana, Washington).

**pannea**

*Oligodranes panneus* Melander, 1946: 487. TYPE LOCALITY: USA (California) [L designated by Arnaud & Lee in Arnaud (1979: 224) in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**parkeri**

*Oligodranes parkeri* Melander, 1946: 487. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**petiolata**

*Apolysis petiolata* Melander, 1946: 462. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Arizona).

**polia**

*Oligodranes polius* Melander, 1946: 488. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

**puberula**

*Oligodranes puberulus* Hesse, 1975a: 302. TYPE LOCALITY: South Africa (Northern Cape) [4S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**pulchra**

*Oligodranes pulcher* Melander, 1946: 489. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**pullata**

*Oligodranes pullatus* Melander, 1946: 490. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**pusilla**

*Dagestania pusilla* Paramonov, 1929a: 195(133). TYPE LOCALITY: “Dagestan” [= Russia (SET)] [H in SIZK].

DISTRIBUTION: **Palaeartic**: Azerbaijan, Russia (SET).

**pusilloides**

*Apolysis pusilloides* Gharali & Evenhuis, 2010: 44. TYPE LOCALITY: Iran [H in TMUT].

DISTRIBUTION: **Palaeartic**: Iran.

**pygmaea**

*Rhabdopselaphus pygmaeus* Cole, 1923: 314. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte).

**quebradae**

*Apolysis quebradae* Hall, 1976a: 89. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**quinquenotata**

*Phthiria quinquenotata* Johnson, 1904: 185. TYPE LOCALITY: USA (Colorado) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Colorado, Idaho).

**retrorsa**

*Oligodranes retrorsus* Melander, 1946: 490. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

*rubriventris*

*Apolysis rubriventris* Paramonov in Hull, 1973: 221. *Nomen nudum*.

**scapularis**

*Oligodranes scapularis* Melander, 1946: 491. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**scapulata**

*Oligodranes scapulatus* Melander, 1946: 492. TYPE LOCALITY: USA (California) [L designated by Arnaud & Lee in Arnaud (1979: 224) in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**sedophila**

*Usia sedophila* Brunetti, 1909b: 227. TYPE LOCALITY: India (Himachal Pradesh) [3S in BMNH\*; S in NZSI].

DISTRIBUTION: **Oriental**: India (Himachal Pradesh), Pakistan.

**semiflava**

*Apolysis semiflava* Hesse, 1975a: 287. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**seminitens**

*Apolysis seminitens* Hesse, 1975a: 290. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**setosa**

*Pseudogeron setosa* Cresson, 1915: 203. TYPE LOCALITY: USA (California) [H in ANSP\*].

DISTRIBUTION: **Nearctic**: USA (California, Idaho, New Mexico).

**sigma**

*Geron sigma* Coquillett, 1902a: 101. TYPE LOCALITY: USA (Alabama) [L designated by Evenhuis & Greathead (1999: 11) in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario); USA (Alabama, California, Colorado, Idaho, Maryland, Montana, New York, North Carolina, Oregon, Utah, Washington).

**sipho**

*Oligodranes sipho* Melander, 1946: 492. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**speculifera**

*Oligodranes speculifer* Melander, 1946: 493. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**superba**

*Oligodranes superbus* Engel, 1933a: 138. TYPE LOCALITY: Armenia [H in NMW\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Iran.

**thamnophila**

*Apolysis thamnophila* Hesse, 1975a: 280. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**thornei**

*Apolysis thornei* Hesse, 1938: 857. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**timberlakei**

*Apolysis timberlakei* Melander, 1946: 463. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Oregon).

**togata**

*Oligodranes togatus* Melander, 1946: 494. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**trifida**

*Oligodranes trifidus* Melander, 1946: 495. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Idaho).

**triseriatella**

*Oligodranes triseriatellus* Hesse, 1975a: 300. TYPE LOCALITY: South Africa (Northern Cape) [19S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**trochila**

*Geron trochilus* Coquillett, 1894a: 111. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 12) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

**trochilides**

*Geron trochilides* Williston, 1901: 292. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos).

**xanthogaster**

*Apolysis xanthogaster* Hesse, 1938: 853. TYPE LOCALITY: South Africa (Free State) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Free State).

**zaitzevi**

*Apolysis montana* Zaitzev, 1972a: 457. TYPE LOCALITY: Tajikistan [H in ZIS]. [Pre-occupied by Melander, 1946.]

*Apolysis zaitzevi* Evenhuis, 1990a: 32 (new replacement name for *Apolysis montana* Zaitzev, 1972).

DISTRIBUTION: **Palaearctic**: Kyrgyz Republic, Tajikistan.

**zzyzxensis**

*Oligodranes zzyzxensis* Evenhuis, 1985c: 509. TYPE LOCALITY: USA (California) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: USA (California).

## TRIBE USIINI BECKER

Genus **PARAGERON** Paramonov

**PARAGERON** Paramonov, 1929a: 189(127). Type species: *Parageron orientalis* Paramonov, 1929 [= *Usia lutescens* Bezzi, 1925], by monotypy.

**additivaneura**

*Parageron additivaneura* Carles-Tolrá, 2009: 64. TYPE LOCALITY: Spain [H in MCT].

DISTRIBUTION: **Palaearctic**: Spain.

**dimonicus**

*Parageron dimonicus* Zaitzev, 1998: 693 [1998a: 1082]. TYPE LOCALITY: Israel [H in ZIS].

*dominicus*, error for *dimonicus*.

DISTRIBUTION: **Palaearctic**: Israel.

**emeljanovi**

*Parageron emeljanovi* Zaitzev, 1975: 554. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaearctic**: Mongolia.

**erythraeus**

*Usia erythraea* Greathead, 1967: 231. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea.

**gratus**

*Usia grata* Loew in Rosenhauer, 1856: 380. TYPE LOCALITY: Spain [1S in MNHN; 2S in ZMHB\* (same syntypes as for *Usia loewi* Becker)].

DISTRIBUTION: **Palaeartic:** Egypt, Italy, Jordan, Morocco, Spain.

**griseus**

*Parageron griseus* Paramonov, 1947c: 218. TYPE LOCALITY: Turkmenistan & Uzbekistan [1S in SIZK; 3S in ZMHB\*].

*Usia glauca* Evenhuis, 1978c: 103 (new replacement name for *Parageron griseus* Paramonov, 1947; secondary homonym preoccupied at the time by *Usia grisea* Efflatoun, 1945).

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, Gruzia, Turkmenistan, Uzbekistan.

**hyalipennis**

*Oligodranes hyalipennis* Séguy, 1941b: 9. TYPE LOCALITY: Morocco [H in MNHN\*].

DISTRIBUTION: **Palaeartic:** Morocco.

**incisus**

*Usia incisus* Wiedemann, 1830: 617. TYPE LOCALITY: “Andalusien” [= Spain] [H in NMW\*].

DISTRIBUTION: **Palaeartic:** Algeria, France, Greece, Italy, Macedonia, Morocco, Portugal, Spain, Tunisia, Yugoslavia.

*kassemi*

*Oligodranes kassemi* Paramonov, 1947: 220. *Nomen nudum*.

**loewi**

*Usia loewi* Becker, 1906d: 219. TYPE LOCALITY: “Andalusien” [= Spain] [2S in ZMHB\* (same syntypes as for *Usia grata* Loew)].

DISTRIBUTION: **Palaeartic:** Italy, Spain.

**lutescens**

*Usia lutescens* Bezzi, 1925: 180. TYPE LOCALITY: Egypt [H in ESEC].

*Parageron orientalis* Paramonov, 1929a: 189(127). TYPE LOCALITY: Turkmenistan [H in SIZK].

*Usia lutescens* var. *minor* Efflatoun, 1945: 223. TYPE LOCALITY: Egypt [2S (1S destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic:** Egypt, Turkmenistan, Uzbekistan.

**major**

*Usia major* Macquart, 1840: 104 [1841: 382]. TYPE LOCALITY: “D’Alger” [= Algeria or Morocco] [5S in MNHN\*; 1S in MNVL].

DISTRIBUTION: **Palaeartic:** Algeria, Morocco, Tunisia.

**modestus**

*Oligodranes modestus* Loew, 1873: 200. TYPE LOCALITY: Uzbekistan [3S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Tajikistan, Uzbekistan.

**negevi**

*Parageron negevi* Zaitzev, 1998: 691 [1998a: 1081]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic:** Israel.

**punctipennis**

*Usia punctipennis* Loew, 1846: 417. TYPE LOCALITY: Greece [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Greece, Israel, Italy, Syria, Turkey.

**striatus**

*Usia striata* Báez, 1982: 254. TYPE LOCALITY: Canary Is [H in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**turkmenicus**

*Parageron turkmenicus* Paramonov, 1947c: 218. TYPE LOCALITY: Turkmenistan [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**volkovitshi**

*Parageron volkovitshi* Zaitzev, 1998: 693 [1998a: 1082]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel.

**xizangensis**

*Usia xizangensis* Yang & Yang, 1994: 272. TYPE LOCALITY: China (Xizang) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Xizang).

**zimini**

*Parageron zimini* Paramonov, 1947c: 216. TYPE LOCALITY: Uzbekistan [21S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

Genus **USIA** Latreille

**VOLUCCELLA** Fabricius, 1794: 412. Type species: *Volucella florea* Fabricius, 1794, automatic (by designation of type species for *Usia* Latreille).

[*Volucella* not preoccupied by *Volucella* Geoffroy, 1762.]

**VOLVICELLA**, incorrect original spelling of *Volucella* (Fabricius, 1794: [5] [last unnumbered page of index]).

**USIA** Latreille, 1802: 430 (unjustified new replacement name for *Volucella* Fabricius, 1794). Type species: *Volucella florea* Fabricius, 1794, by subsequent designation (Latreille, 1810: 443).

[By virtue of I.C.Z.N. Code article 23.9.1, whereby the criteria of both Articles 23.9.1.1 and 23.9.1.2 are met, *Usia* Latreille, 1802 is hereby valid and a *nomen protectum* by action of Article 23.9.2. *Volucella* Fabricius, 1794, is hereby a *nomen oblitum*. A list of works giving evidence of the validity of *Usia* by use of its name as a valid taxon is given in Evenhuis & Greathead (2003).]

**ZERINTHIA** Rafinesque, 1815: 130 (unnecessary replacement name for *Usia* Latreille, 1802). Type species: *Volucella florea* Fabricius, 1794, automatic.

Subgenus **MICRUSIA** Evenhuis

**MICRUSIA** Evenhuis, 1990a: 38. Type species: *Usia forcipata* Brullé, 1833, by original designation.

**aurata**

*Volucella aurata* Fabricius, 1794: 413. TYPE LOCALITY: “Barbariae floribus” [= Algeria or Tunisia] [H in MNHN\*].

*Usia taeniolata* Costa, 1883: 103. TYPE LOCALITY: Italy (Sardinia) [H in MZUN].

DISTRIBUTION: **Palaeartic:** Algeria, Armenia, Azerbaijan, Egypt, France, Gibraltar, Gruzia, Iran, Israel, Italy (Sardinia, Sicily), Kuwait, Kyrgyz Republic, Libya, Morocco, Spain, Tajikistan, Tunisia, Turkmenistan, Uzbekistan.

**biconvexa**

*Usia biconvexa* Gibbs, 2011: 24. TYPE LOCALITY: Israel [H ♂ in TAU].

DISTRIBUTION: **Palaeartic:** Israel.

**carmelitensis**

*Usia carmelitensis* Becker, 1906d: 226. TYPE LOCALITY: “Carmel-Gebirge bei Haifa in Syrien” [= Israel] [L in ZMHB\*; designated by Gibbs (2011: 26)].

DISTRIBUTION: **Palaeartic:** Israel.

**crispa**

*Usia crispa* Gibbs, 2011: 29. TYPE LOCALITY: Morocco [H ♂ in NMWC].

DISTRIBUTION: **Palaeartic:** Morocco.

**cryptocrispa**

*Usia cryptocrispa* Gibbs, 2011: 31. TYPE LOCALITY: Morocco [H ♂ in NMWC].

DISTRIBUTION: **Palaeartic:** Morocco.

**dahli**

*Usia dahli* Gibbs, 2011: 33. TYPE LOCALITY: Tunisia [H ♂ in BMNH].

DISTRIBUTION: **Palaeartic:** Algeria, Tunisia.

**dilsi**

*Usia dilsi* Gibbs, 2011: 35. TYPE LOCALITY: Morocco [H ♂ in NMWC].

DISTRIBUTION: **Palaeartic:** Morocco.

**echinus**

*Usia echinus* Gibbs, 2011: 38. TYPE LOCALITY: Morocco [H ♂ in NMWC].

DISTRIBUTION: **Palaeartic:** Algeria, Egypt, Israel, Libya, Morocco, Tunisia.

**engeli**

*Usia engeli* Paramonov, 1950b: 365. TYPE LOCALITY: Spain [L ♂ in ZSMC (designated by Gibbs (2011: 41))].

DISTRIBUTION: **Palaeartic:** Spain.

**falcata**

*Usia falcata* Gibbs, 2011: 43. TYPE LOCALITY: Morocco [H ♂ in NMWC].

DISTRIBUTION: **Palaeartic:** Morocco.

**forcipata**

*Usia forcipata* Brullé, 1833: 300. TYPE LOCALITY: Greece [T in UNKN].

DISTRIBUTION: **Palaeartic:** Greece.

**globicauda**

*Usia dilsi* Gibbs, 2011: 48. TYPE LOCALITY: Morocco [H ♂ in MNHN].

DISTRIBUTION: **Palaeartic:** Morocco.

**hyalipennis**

*Usia hyalipennis* Macquart, 1840: 106 [1841: 384]. TYPE LOCALITY: “D’Alger” [= Algeria (from type specimen label data)] [L designated by Evenhuis & Greathead (1999: 671) in MNHN\*].

DISTRIBUTION: **Palaeartic:** Algeria, Tunisia.



**ignorata**

*Usia ignorata* Becker, 1906a: 15 [1906d: 225]. TYPE LOCALITY: Tunisia [L ♂ in ZMHB\*; designated by Gibbs (2011: 53)].

*Usia pallescens* Becker, 1906d: 226. TYPE LOCALITY: Tunisia [L ♀ in ZMHB\* (designated by Gibbs (2011: 53))].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Israel, Syria, Tunisia.

**novakii**

*Usia novakii* Strobl, 1902: 467 [1904: 525]. TYPE LOCALITY: Croatia [L ♂ in NMBA].

DISTRIBUTION: **Palaeartic**: Algeria, Croatia, Greece, Israel, Turkey,.

**paracrispa**

*Usia paracrispa* Gibbs, 2011: 58. TYPE LOCALITY: Morocco [H ♂ in NMWC].

DISTRIBUTION: **Palaeartic**: Algeria, Morocco.

**pusilla**

*Usia pusilla* Meigen, 1820: 229. TYPE LOCALITY: “Carpentras” [= France] [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: France, Spain.

**susanae**

*Usia susanae* Gibbs, 2011: 63. TYPE LOCALITY: Spain [H ♂ in NMWC].

DISTRIBUTION: **Palaeartic**: Spain.

**syriaca**

*Usia syriaca* Paramonov, 1950b: 365. TYPE LOCALITY: Syria [L ♂ in SIZK; designated by Gibbs (2010: 67)].

DISTRIBUTION: **Palaeartic**: Israel, Jordan, Syria, Turkey.

**theodori**

*Usia theodori* Gibbs, 2011: 68. TYPE LOCALITY: Israel [H ♂ in TAU].

DISTRIBUTION: **Palaeartic**: Israel.

**turaco**

*Usia turaco* Gibbs, 2011: 70. TYPE LOCALITY: Algeria [H ♂ in MNHN].

DISTRIBUTION: **Palaeartic**: Algeria.

**versicolor**

*Bombylius versicolor* Fabricius, 1787: 367. TYPE LOCALITY: “Barbariae” [= Tunisia] [L ♂ in ZMUC; designated by Gibbs (2011: 73)].

DISTRIBUTION: **Palaeartic**: Algeria, France, Libya, Malta, Morocco, Portugal, Spain, Tunisia.

Subgenus **USIA** Latreille**accola**

*Usia accola* Becker, 1906a: 14 [1906d: 214]. TYPE LOCALITY: Algeria & Tunisia [L ♂ in ZMHB\*; designated by Gibbs (2014: 48)].

DISTRIBUTION: **Palaeartic**: Algeria, Tunisia.

**anatoliensis**

*Usia anatoliensis* Gibbs, 2014: 21. TYPE LOCALITY: Turkey [H ♂ in NMWC].

DISTRIBUTION: **Palaeartic**: Turkey.

**annetteae**

*Usia annetteae* Gibbs, 2014: 24. TYPE LOCALITY: Lebanon [H ♂ in NMWC].

DISTRIBUTION: **Palaeartic**: Israel, Lebanon.

**atra**<sup>†</sup>

*Usia atra* Statz, 1940: 131. TYPE LOCALITY: Germany (Oligocene) [C] [H in LACM\*].  
DISTRIBUTION: **Palaeartic**: Germany (Oligocene).

**atrata**

*Volucella atrata* Fabricius, 1798: 570. TYPE LOCALITY: “Marocco” [L ♀ in ZMUC].  
*Usia claripennis* Macquart, 1840: 105 [1841: 383]. TYPE LOCALITY: “D’Alger” [= Algeria or Morocco] [L designated by Evenhuis & Greathead (1999: 671) in MNHN\*].  
DISTRIBUTION: **Palaeartic**: Algeria, Morocco, Tunisia.

**bicolor**

*Usia bicolor* Macquart, 1855: 103(83). TYPE LOCALITY: Egypt [H in OUMNH\*].  
DISTRIBUTION: **Palaeartic**: Egypt, Jordan, Lebanon, Turkey.

**calva**

*Usia calva* Loew, 1869b: 250. TYPE LOCALITY: “Kleinasien” [= Greece or Turkey] [L ♀ in ZMHB\*; designated by Gibbs (2014: 29)].  
DISTRIBUTION: **Palaeartic**: Turkey.

**cornigera**

*Usia cornigera* Gibbs, 2014: 56. TYPE LOCALITY: Morocco [H ♂ in MNHN].  
DISTRIBUTION: **Palaeartic**: Morocco.

**crinipes**

*Usia crinipes* Becker, 1906d: 208. TYPE LOCALITY: Armenia [L ♂ in ZMHB\*; designated by Gibbs (2014: 31)].  
DISTRIBUTION: **Palaeartic**: Armenia, Turkey.

**florea**

*Volucella florea* Fabricius, 1794: 412. TYPE LOCALITY: “Barbaria” [= Algeria or Tunisia] [L ♀ in ZMUC; designated by Gibbs (2014: 58)].  
*Usia cuprea* Macquart, 1834: 383. TYPE LOCALITY: Italy (Sicily) [L ♂ in MNHN\*; designated by Gibbs (2014: 58)].  
*Usia gagathea* Bigot, 1892: 374. TYPE LOCALITY: Algeria [H in OUMNH\*].  
DISTRIBUTION: **Palaeartic**: Algeria, ?Italy (Sicily).

**greatheadi**

*Usia greatheadi* Greathead, 2014: 33. TYPE LOCALITY: Turkey [H ♂ in NMWC].  
DISTRIBUTION: **Palaeartic**: Greece, Turkey.

**inornata**

*Usia inornata* Engel, 1932b: 74. TYPE LOCALITY: Egypt [4S in ESEC].  
DISTRIBUTION: **Palaeartic**: Egypt.

**lata**

*Usia lata* Loew, 1846: 407. TYPE LOCALITY: Greece (Rhodes) & “Makri” [= Greece] [L ♂ in ZMHB\*; designated by Gibbs (2014: 36)].  
DISTRIBUTION: **Palaeartic**: Greece (incl. Lesvos, Rhodes), Turkey.

**maghrebensis**

*Usia maghrebensis* Gibbs, 2014: 54. TYPE LOCALITY: Algeria [H ♂ in MNHN].  
DISTRIBUTION: **Palaeartic**: Algeria, Morocco.

**manca**

*Usia manca* Loew, 1846: 412. TYPE LOCALITY: Italy (Sicily) [1S in ZMHB\*].

*Usia sicula* Egger, 1860: 400. TYPE LOCALITY: Italy (Sicily) [3S in NMW\*].

DISTRIBUTION: **Palaeartic**: Italy (incl. Sicily).

**martini**

*Usia martini* François, 1969c: 110. TYPE LOCALITY: Spain [H in ZMUC].

DISTRIBUTION: **Palaeartic**: Spain.

**putilla**

*Usia putilla* Becker, 1906d: 215. TYPE LOCALITY: France [L ♂ in NMW; designated by Gibbs (2014: 42)].

DISTRIBUTION: **Palaeartic**: France, Spain.

**transcaspica**

*Usia transcaspica* Paramonov, 1950b: 351. TYPE LOCALITY: Turkmenistan [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Armenia, Iran, Turkey, Turkmenistan.

**vestita**

*Usia vestita* Macquart, 1846: 351(223), pl. 10, fig. 13 [*in* Lucas, 1849: 453]. TYPE LOCALITY: Not given [= Algeria (see Macquart *in* Lucas, 1849: 453)] [L ♂ in MNHN\*; designated by Gibbs (2014: 61)].

*Usia anus* Becker, 1906d: 207. TYPE LOCALITY: Algeria [H in OUMNH\*].

DISTRIBUTION: **Palaeartic**: Algeria.

Subgenerically Unplaced Species of **USIA** Latreille**aenea**

*Bombylius aeneus* Rossi, 1794: 78. TYPE LOCALITY: Italy [T in UNKN].

*Usia vicina* Macquart, 1840: 105 [1841: 383]. TYPE LOCALITY: Not given [probably = Algeria] [L ♀ in MNHN\*; designated by Gibbs (2014: 66)].

DISTRIBUTION: **Palaeartic**: France, Italy, Portugal, Spain.

**aeneoides**

*Usia aeneoides* Paramonov, 1950b: 369. TYPE LOCALITY: Spain [L designated by Zaitzev & Kandybina (1983: 12) in ZIS].

DISTRIBUTION: **Palaeartic**: Spain.

**angustifrons**

*Usia angustifrons* Becker, 1906a: 14 [1906d: 212]. TYPE LOCALITY: Tunisia [L ♂ in ZMHB\*; designated by Gibbs (2014: 77)].

DISTRIBUTION: **Palaeartic**: Tunisia.

**incognita**

*Usia incognita* Paramonov, 1950b: 377. TYPE LOCALITY: Turkmenistan [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: ?Tajikistan, Turkmenistan.

**notata**

*Usia notata* Loew, 1873: 201. TYPE LOCALITY: Uzbekistan [L ♀ in ZMHB\*; designated by Gibbs (2014: 76)].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

**pubera**

*Usia pubera* Becker, 1906d [May]: 204. *Nomen nudum*.

*Usia florea* var. *pubera* Strobl, 1906 [June]: 287. TYPE LOCALITY: Spain & Italy [L ♀ in NMBA; designated by Gibbs (2014: 73)].

DISTRIBUTION: **Palaeartic**: France, Italy, Spain.

**similis**

*Usia similis* Paramonov, 1950b: 369. TYPE LOCALITY: “ohne Patria, doch sehr wahrscheinlich von Spanien” [= Spain] [L designated by Zaitzev & Kandybina (1983: 36) in ZIS].

DISTRIBUTION: **Palaeartic**: Spain.

**unicolor**

*Usia unicolor* Loew, 1873: 201. TYPE LOCALITY: Uzbekistan [L ♂ in ZMHB\*; designated by Gibbs (2014: 82)].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Kyrgyzstan, Turkmenistan, Uzbekistan.

## Unplaced Species of **USIINAE** Becker

**albifrons**

*Bombylius albifrons* Gmelin, 1790: 2904. TYPE LOCALITY: “extra Europam” [T (destroyed) in NMID (see Thompson & Pont, 1994: 35)].

DISTRIBUTION: **Patria Ignota**: “extra Europam”.

**arida**

*Usia arida* Báez, 1982: 256. TYPE LOCALITY: Canary Is [H in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**deserticola**

*Usia deserticola* Efflatoun, 1945: 208. TYPE LOCALITY: Egypt [H in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

**efflatouni**

*Usia bicolor* Efflatoun, 1945: 206. TYPE LOCALITY: Egypt [2S (destroyed) in ESEC (see Note 4)]. [Preoccupied by Macquart, 1855.]

*Usia efflatouni* Venturi, 1948: 129 (new replacement name for *Usia bicolor* Efflatoun, 1945).

DISTRIBUTION: **Palaeartic**: Egypt.

**elbae**

*Usia elbae* Efflatoun, 1945: 210. TYPE LOCALITY: Egypt [96S in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

**flavipes**

*Usia flavipes* Efflatoun, 1945: 212. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt.

**grisea**

*Usia grisea* Efflatoun, 1945: 214. TYPE LOCALITY: Egypt [H in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

**marginata**

*Usia marginata* Brunetti, 1909b: 228. TYPE LOCALITY: India (Himachal Pradesh) [H in NZSI].

DISTRIBUTION: **Oriental:** India (Himachal Pradesh).

**minuscula**

*Usia minuscula* Efflatoun, 1945: 224. TYPE LOCALITY: Egypt [19 in ECF; 12S in ESEC].

DISTRIBUTION: **Palaeartic:** Egypt.

**parvula**

*Usia parvula* Efflatoun, 1945: 229. TYPE LOCALITY: Egypt [2S in ESEC].

DISTRIBUTION: **Palaeartic:** Egypt.

**tewfiki**

*Usia tewfiki* Efflatoun, 1945: 230. TYPE LOCALITY: Egypt [1S in ESEC].

DISTRIBUTION: **Palaeartic:** Egypt.

**vagans**

*Usia vagans* Becker, 1906d: 221. TYPE LOCALITY: Tunisia [L designated by Evenhuis & Greathead (1999: 671) in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Tunisia.

## Subfamily **PHTHIRIINAE** Becker

### TRIBE **PHTHIRIINI** BECKER

#### Genus **ACREOPHTHIRIA** Evenhuis

**ACREOPHTHIRIA** Evenhuis, 1986: 6. Type species: *Acreotrichus americanus* Coquillett, 1895, by original designation.

#### **americana**

*Acreotrichus americanus* Coquillett, 1895: 273. TYPE LOCALITY: USA (Washington) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Oregon, Washington).

#### **egerminans**

*Phthiria egerminans* Loew, 1872a: 80 [1872c: 256]. TYPE LOCALITY: USA (California) [L designated by Evenhuis (1982b: 8) in MCZ\*].

*Acreotrichus maculipennis* Cole, 1922: 24. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

#### **simile**

*Phthiria simile* Coquillett, 1894a: 103. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 670) in USNM\*].

*similis*, error for *simile*.

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Nevada, Utah).

#### Genus **ACREOTRICHUS** Macquart

**ACREOTRICHUS** Macquart, 1850: 425(121). Type species: *Acreotrichus gibbicornis* Macquart, 1850 [= *Bombylius antecedens* Walker, 1849], by original designation.

*ACREOTICHUS*, incorrect original spelling of *Acreotrichus* [Macquart, 1850: 310(6)].

*ACEOTRICUS*, incorrect original spelling of *Acreotrichus* [Macquart, 1850: 351(47)].

*ACEOTRICHUS*, incorrect original spelling of *Acreotrichus* [Macquart, 1850: 470(166)].

#### **antecedens**

*Bombylius antecedens* Walker, 1849: 293. TYPE LOCALITY: “New Holland” [= Australia] [H in BMNH\*].

*Phthiria gibbicornis* Macquart, 1850: 425(121). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [probably = Australia (NSW)] 4S in MNHN\*; 1S in BMNH\*].

*Phthiria fusicornis* Macquart, 1850: 426(122). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [probably = Australia (NSW)] [2S in MNHN\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, NT, WA).

#### **inappendiculatus**

*Acreotrichus inappendiculatus* Bigot, 1892: 366. TYPE LOCALITY: “Australie” [H in UNKN].

DISTRIBUTION: **Australasian/Oceanian**: Australia.

**lineifer**

*Phthiria lineifera* Walker, 1857: 146. TYPE LOCALITY: “Australia” [H in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

Genus **AUSTRALIPHTHIRIA** Evenhuis

**AUSTRALIPHTHIRIA** Evenhuis, 1986: 8. Type species: *Phthiria hilaris* Walker, 1852, by original designation.

**albocapitis**

*Phthiria albocapitis* Roberts, 1929: 573. TYPE LOCALITY: Australia (WA) [H in ANIC\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, WA).

**hilaris**

*Phthiria hilaris* Walker, 1852: 194. TYPE LOCALITY: Australia (NSW) [H in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW).

**pallipes**

*Phthiria pallipes* Bigot, 1892: 367. TYPE LOCALITY: “Australie” [H in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia.

Genus **ELEKTROPHTHIRIA** Nel

**ELEKTROPHTHIRIA**† Nel, 2006: 109. Type species: *Elektrophthiria magnifica* Nel, 2009, by original designation.

**magnifica**†

*Elektrophthiria magnifica* Nel, 2006: 109. TYPE LOCALITY: France (Eocene) [A] [H in MNHN].  
DISTRIBUTION: **Palaeartic**: France (Eocene).

Genus **NEACREOTRICHUS** Cockerell

**NEACREOTRICHUS** Cockerell, 1917: 377. Type species: *Acreotrichus atratus* Coquillett, 1904 [= *Phthiria cingulata* Loew, 1846], by original designation.

**aztec**

*Phthiria aztec* Painter in Painter & Painter, 1962: 29. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Guerrero).

**cingulatus**

*Phthiria cingulata* Loew, 1846: 383. TYPE LOCALITY: Mexico (Oaxaca) [H in ZMHB\*].  
*Acreotrichus atratus* Coquillett, 1904b: 17. TYPE LOCALITY: Mexico (Chihuahua) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Puebla, Zacatecas). **Neotropical**: Mexico (Oaxaca).

**consors**

*Phthiria consors* Osten Sacken, 1887a: 155. TYPE LOCALITY: Mexico (Durango) [L designated by Painter & Painter (1962: 33) in BMNH\*].  
DISTRIBUTION: **Nearctic**: Mexico (Coahuila de Zaragoza, Durango, Guerrero, Morelos, Nuevo León, Puebla), USA (Arizona).

**diversus**

*Phthiria diversa* Coquillett, 1894a: 103. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 670) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**dolorosus**

*Phthiria dolorosa* Williston, 1901: 290. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 35) in BMNH\*].

*Phthiria sororia* Williston, 1901: 291. TYPE LOCALITY: Mexico (Guerrero) [3S in AMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Hidalgo, Jalisco, Morelos, Puebla, Querétaro de Arteaga).

**florale**

*Phthiria florale* Coquillett, 1894a: 103. TYPE LOCALITY: USA (California) [H in USNM\*].

*floralis*, error for *florale*.

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Utah).

**humilis**

*Phthiria humilis* Osten Sacken, 1877: 264. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Idaho, New Mexico, Texas, Utah).

**melanoscutus**

*Phthiria melanoscuta* Coquillett, 1904b: 172. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, New Mexico).

**mixtecus**

*Phthiria mixteca* Painter in Painter & Painter, 1962: 37. TYPE LOCALITY: Mexico (Puebla) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Hidalgo, Morelos, Nuevo León, Puebla).

**olmecus**

*Phthiria olmeca* Painter in Painter & Painter, 1962: 38. TYPE LOCALITY: Mexico (Guanajuato) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Guanajuato, Puebla).

**picturatus**

*Phthiria picturata* Coquillett, 1904b: 175. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, New Mexico).

**toltec**

*Phthiria toltec* Painter in Painter & Painter, 1962: 42. TYPE LOCALITY: Mexico (Nayarit) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Nayarit).

**vittiventris**

*Phthiria vittiventris* Coquillett, 1904b: 173. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Sinaloa), USA (Arizona, California, Colorado, New Mexico, Utah).



Genus **PHTHIRIA** Meigen

**PHTHIRIA** Meigen, 1803: 268. Type species: *Bombylius pulicarius* Mikan, 1796, by monotypy.

*PTIMIA* Rafinesque, 1815: 221 (unjustified emendation of *Phthiria* Meigen, 1820). Type species: *Bombylius pulicarius* Mikan, 1796, automatic.

**alberthessei**

*Phthiria varipes* Hesse, 1975a: 263. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC]. [Preoccupied by Austen, 1937.]

*Phthiria alberthessei* Evenhuis & Greathead, 1999: 24 (new replacement name for *Phthiria varipes* Hesse, 1975).

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**albogilva**

*Phthiria albogilva* Séguy, 1941b: 10. TYPE LOCALITY: Morocco [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Morocco.

**antiqua**

*Phthiria simonyi* ssp. *antiqua* Báez, 1985: 66. TYPE LOCALITY: Canary Is [H in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**asiatica**

*Phthiria asiatica* Zaitzev, 1972b: 858. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**atriceps**

*Phthiria atriceps* Loew, 1873: 197. TYPE LOCALITY: Kazakhstan [L designated by Evenhuis & Greathead (1999: 669) in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Tajikistan, Uzbekistan.

**austrandina**

*Phthiria austrandina* Edwards, 1937: 40. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**barbatula**

*Phthiria barbatula* François, 1969c: 128. TYPE LOCALITY: Spain [H in CNC\*].

DISTRIBUTION: **Palaeartic**: Spain.

*bicolor*

*Phthiria bicolor* Bezzi in Hull, 1973: 199, 663. *Nomen nudum*. [Preoccupied by Coquillett, 1904.]

**brunnescens**

*Phthiria brunnescens* Hesse, 1975a: 269. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**cana**

*Phthiria cana* Philippi, 1865: 653. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical**: Chile.

**canescens**

*Phthiria canescens* Loew, 1846: 390. TYPE LOCALITY: “Deutschland; bei Posen” [= Poland] & Sweden [8S in ZMHB\*]

*Phthiria convergens* Loew, 1846: 388. TYPE LOCALITY: Italy (Sicily) [7S in ZMHB\*].

DISTRIBUTION: **Palaearctic**: Afghanistan, Albania, Armenia, Azerbaijan, Austria, Belarus, Bosnia-Herzegovina, Croatia, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Italy (incl. Sicily), Latvia, Lithuania, Macedonia, Moldova, Poland, Portugal, Romania, Russia (CET, SET), Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, Yugoslavia.

**chilena**

*Phthiria chilena* Rondani, 1863: 65 [1864: 65]. TYPE LOCALITY: Chile [H in MZUN].

*Phthiria barbata* Rondani, 1863: 65 [1864: 65]. TYPE LOCALITY: Chile [H in MZUN].

*Phthiria vulgaris* Philippi, 1865: 652. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

*Phthiria barbata* Philippi, 1865: 654. TYPE LOCALITY: Chile [1S in MZUN (see Note 22)]. [Preoccupied by Rondani, 1863.]

*Phthiria chilensis* Philippi in Costa, 1866: 37. *Nomen nudum*.

DISTRIBUTION: **Neotropical**: Chile.

**cinctum**

*Phthiria cinctum* Curtis, 1831: 212. *Nomen nudum*.

**cognata**

*Phthiria cognata* Hesse, 1938: 835. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**compressa**

*Phthiria compressa* Walker, 1852: pl. 6, fig. 3. TYPE LOCALITY: Not given [= unknown] [T in UNKN].

DISTRIBUTION: **Patria Ignota**: Unknown.

**conocephala**

*Phthiria conocephala* Hesse, 1975a: 270. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**conspicua**

*Phthiria conspicua* Loew, 1846: 397. TYPE LOCALITY: Turkey [L designated by Evenhuis & Greathead (1999: 669) in ZMHB\*].

DISTRIBUTION: **Palaearctic**: Bosnia-Herzegovina, Croatia, France, Greece, Iran, Israel, Italy, Macedonia, Slovenia, Spain, Turkey, Yugoslavia.

**crocogramma**

*Phthiria crocogramma* Hesse, 1938: 833. TYPE LOCALITY: “South West Africa” [= Namibia] [3S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: Kenya, Namibia.

**exilis**

*Phthiria exilis* Philippi, 1865: 653. TYPE LOCALITY: Chile [N designated by Hall (1976a: 97) in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**flaviscuta**

*Phthiria flaviscuta* Hesse, 1975a: 259. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**fossa**<sup>†</sup>

*Phthiria fossa* Lewis, 1975: 422. TYPE LOCALITY: USA (Montana) (Oligocene) [C] [H in SCSC].

DISTRIBUTION: **Nearctic**: USA (Montana) (Oligocene).

**freidbergi**

*Phthiria freidbergi* Zaitzev, 2002a: 898 [2002b: 424]. TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic**: Israel.

**freyi**

*Phthiria freyi* Báez, 1985: 69. TYPE LOCALITY: Canary Is [H in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**fulva**

*Phthiria fulva* Meigen, 1804: 193. TYPE LOCALITY: France [2S in MNHN\*].

DISTRIBUTION: **Palaeartic**: Belgium, France.

**gaedii**

*Phthiria gaedii* Wiedemann in Meigen, 1820: 221. TYPE LOCALITY: “Gegend von Wien” [= Austria] [2S in NMW\*].

*Phthiria maculata* Wiedemann in Meigen, 1820: 221. TYPE LOCALITY: “Oesterreich” [probably = Austria] [H (destroyed) in NMW (see Note 18)].

*Phthiria punctata* Meigen, 1835: 68 [1838: 67]. TYPE LOCALITY: “Oesterreich” [H in MNHN\*].

*Phthiria zimmermanni* Nowicki, 1868: 347. TYPE LOCALITY: “Ostgalizien” [= Ukraine] [6S in UNKN].

*Phthiria gaedei* Engel, 1933a: 144 (unjustified emendation of *Phthiria gaedii* Wiedemann, 1820).

DISTRIBUTION: **Palaeartic**: Afghanistan, Albania, Algeria, Austria, Belarus, Bosnia-Hercegovina, Bulgaria, Croatia, Czech Republic, Egypt, Estonia, France, Greece, Hungary, Iran, Israel, Italy, Latvia, Lithuania, Macedonia, Moldova, Morocco, Poland, Romania, Russia (CET, SET), Slovenia, Spain, Ukraine.

**gracilis**

*Phthiria gracilis* Walker, 1852: 194. TYPE LOCALITY: “East India” [= India] [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Himachal Pradesh, Kashmir, Uttar Pradesh).

**grisea**

*Phthiria grisea* Zaitzev, 1966b: 163. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia.

**hesperia**

*Phthiria hesperia* Hesse, 1975a: 260. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**homochroma**

*Phthiria homochroma* Hall, 1976a: 97. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**incisa**

*Phthiria incisa* Becker, 1915: 328. TYPE LOCALITY: Tunisia [L designated by Evenhuis & Greathead (1999: 26) in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tunisia.

**inconspicua**

*Phthiria inconspicua* Becker & Stein, 1912: 604. *Nomen nudum*.

*Phthiria inconspicua* Becker in Becker & Stein, 1913a: 584. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palaeartic**: Iran.

**intermedia**

*Phthiria simonyi* ssp. *intermedia* Báez, 1985: 66. TYPE LOCALITY: Canary Is [4S in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**lacteipennis**

*Phthiria lacteipennis* Strobl in Czerny & Strobl, 1909: 151. TYPE LOCALITY: Spain [4S in NMBA; 1S in DEI\*].

DISTRIBUTION: **Palaeartic**: France, Spain.

**laeta**

*Phthiria laeta* Bezzi, 1921a: 96. TYPE LOCALITY: “Transvaal” [= South Africa (Gauteng)] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Gauteng, KwaZulu-Natal, Northern Cape).

**lanigera**

*Phthiria lanigera* Bezzi, 1921a: 97. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

*Phthiria lanigera* var. *melampogon* Hesse, 1975a: 266. [Unavailable; varietal name published after 1960.]

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**lazaroi**

*Phthiria simonyi* ssp. *lazaroi* Báez, 1985: 65. TYPE LOCALITY: Canary Is [14S in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**lucidipennis**

*Phthiria lucidipennis* Zaitzev, 2005: 667. TYPE LOCALITY: Spain [H in MNHN].

DISTRIBUTION: **Palaeartic**: Spain.

**maroccana**

*Phthiria maroccana* Zaitzev, 2005: 667. TYPE LOCALITY: Morocco [H in MNHN].

DISTRIBUTION: **Palaeartic**: Spain.

**merlei**

*Phthiria merlei* Zaitzev, 2005: 665. TYPE LOCALITY: Morocco [H in MNHN].

DISTRIBUTION: **Palaeartic**: Morocco.

**minuta**

*Voluccella minuta* Fabricius, 1805: 115. TYPE LOCALITY: “Galliae” [= France] [2S in NMW\*; 4S in MNHN\*; 1S in ZMUC].

*Phthiria maura* Wiedemann in Meigen, 1820: 222. TYPE LOCALITY: “österreichischen Art” [H (destroyed) in NMW (see Note 18)].

DISTRIBUTION: **Palaeartic**: Austria, Belgium, Czech Republic, Egypt, France, Germany, Greece, Hungary, Italy, Kazakhstan, Kyrgyz Republic, Mongolia, Morocco, Poland, Slovakia, Tajikistan, Turkmenistan, Uzbekistan, Yugoslavia.

**mongolica**

*Phthiria mongolica* Zaitzev, 1972b: 859. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**namaquensis**

*Phthiria namaquensis* Hesse, 1975a: 269. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**nigribarba**

*Phthiria nigribarba* Hesse, 1938: 843. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**nigripennis**

*Phthiria nigripennis* Strobl in Morge, 1976: 401. *Nomen nudum*.

**nitidigena**

*Phthiria nitidigena* Hesse, 1975a: 265. TYPE LOCALITY: South Africa (Western Cape) [3S in SAMC\*].

*nitigena*, incorrect spelling of *nitidigena* (Greathead, 2006: 28).

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**ombriosus**

*Phthiria simonyi* ssp. *ombriosus* Báez, 1985: 66. TYPE LOCALITY: Canary Is [6S in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**ovalicornis**

*Phthiria ovalicornis* Hesse, 1975a: 268. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**pilirostris**

*Phthiria pilirostris* Hesse, 1938: 844. TYPE LOCALITY: South Africa (Northern Cape) [5S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**pubescens**

*Phthiria pubescens* Bezzi, 1921a: 98. TYPE LOCALITY: South Africa (Mpumalanga & Western Cape) [1S (destroyed) in HNHM (see Note 9); 1S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Botswana, South Africa (KwaZulu-Natal, Mpumalanga, Western Cape).

**pulchripes**

*Phthiria pulchripes* Austen, 1937: 73. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel.

**pulicaria**

*Bombylius pulicarius* Mikan, 1796: 58. TYPE LOCALITY: “prope Pragam” [= Czech Republic] [T in UNKN].

*Phthiria nigra* Meigen, 1804: 193. TYPE LOCALITY: France [T in UNKN].

*Volucella pygmaea* Fabricius, 1805: 115. TYPE LOCALITY: “Galliae” [= France] (unnecessary replacement name for *Phthiria nigra* Meigen, 1804 and *Bombylius pulicarius* Mikan, 1796).

*Volucella campestris* Fallén, 1815: 11. TYPE LOCALITY: “Scania” [= Sweden] [S in MZLU].

*Phthiria pulicaria* var. *major* Strobl in Czerny & Strobl, 1909: 150. TYPE LOCALITY: Spain [8S in NMBA].

*Phthiria pulicaria* var. *flavofasciata* Strobl in Morge, 1976: 415. *Nomen nudum*.

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Austria, Belarus, Belgium, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Ireland, Italy, Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Moldova, Mongolia, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia (CET, NET, SET), Slovakia, Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Sweden, Switzerland, UK (Great Britain).

**pulla** ssp. **fallax**

*Phthiria fallax* Hesse, 1938: 836. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

*Phthiria fallax* var. *anomalocera* Hesse, 1975a: 262. [Unavailable; varietal name published after 1960.]

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**pulla** ssp. **pulla**

*Phthiria pulla* Bezzi, 1922a: 78. TYPE LOCALITY: South Africa (Eastern Cape) [H in MSNM].

*Phthiria flavigenualis* Hesse, 1938: 837. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: NAMIBIA, South Africa (Eastern Cape, Northern Cape, Western Cape).

**pulla** ssp. **xerophila**

*Phthiria laeta* var. *xerophila* Hesse, 1938: 831. TYPE LOCALITY: South Africa (Northern Cape) [6S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**quadrinotata**

*Phthiria quadrinotata* Loew, 1873: 198. TYPE LOCALITY: Uzbekistan [1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

**rhomphaea**

*Phthiria rhomphaea* Séguéy, 1963c: 255. TYPE LOCALITY: China (Sichuan) [S in MNHN].

DISTRIBUTION: **Palaeartic**: China (Sichuan).

**salmayensis**

*Phthiria salmayensis* Eflatoun, 1945: 112. TYPE LOCALITY: Egypt [51S in ECF].

DISTRIBUTION: **Palaeartic**: Egypt.

**scutellaris**

*Phthiria scutellaris* Wiedemann in Meigen, 1820: 220. TYPE LOCALITY: Portugal [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt, France, Italy, Morocco, Portugal, Spain.

**sharafi**

*Phthiria sharafi* El-Hawagry & Al Dhafer, 2014: 388. TYPE LOCALITY: Saudi Arabia [H in KSMA].

DISTRIBUTION: **Palaeartic**: Saudi Arabia.

**simmondsii**

*Phthiria simmondsii* Hesse, 1938: 842. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**simonyi**

*Phthiria simonyi* Becker, 1908: 11. TYPE LOCALITY: Canary Is [2S in NMW\*].

*Phthiria calderae* Santos Abreu, 1926: 97(57). [Unavailable; name proposed in synonymy with *Phthiria simonyi* Becker and not made available before 1961.]

DISTRIBUTION: **Palaeartic**: Canary Is, Morocco.

**socotrae**

*Phthiria socotrae* Greathead & Evenhuis, 2001a TYPE LOCALITY: Yemen (Sokotra) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Yemen (Sokotra).

**stictica**

*Phthiria stictica* Greathead, 2004: 498. TYPE LOCALITY: Yemen (Sokotra) [H in HLMD\*].

DISTRIBUTION: **Afrotropical**: Yemen (Sokotra).

**subnitens**

*Phthiria subnitens* Loew, 1846: 401. TYPE LOCALITY: Turkey [2S in ZMHB\*].

*Phthiria rustica* Loew, 1846: 403. TYPE LOCALITY: Greece [4S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Azerbaijan, Croatia, Cyprus, Greece (incl. Lesbos, Zakynthos), Gruzia, Iran, Italy, Moldova, Romania, Russia (SET), Turkey, Ukraine.

**tinctipennis**

*Phthiria tinctipennis* Hesse, 1975a: 264. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

*tinctellipennis*, error for *tinctipennis*.

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (KwaZulu-Natal, North-West).

**tricolor**

*Phthiria tricolor* Bezzi, 1924b: 19. TYPE LOCALITY: Egypt [H in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

**tristis**

*Phthiria tristis* Bigot, 1892: 367. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**umbripennis**

*Phthiria umbripennis* Loew, 1846: 393. TYPE LOCALITY: Italy (Sicily) & Italy [3S in ZMHB\*; 1S in OUMNH\*].

*Phthiria notata* Bigot, 1862: 112. TYPE LOCALITY: France (Corsica) [H in OUMNH\*].

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, Croatia, France (incl. Corsica), Greece (incl. Ithaca, Lesbos, Santorini, Zakynthos), Gruzia, Israel, Italy (incl. Sicily), Moldova, Morocco, Romania, Russia (SET), Spain, Syria, Tunisia, Ukraine, Yugoslavia.

**unicolor**

*Phthiria unicolor* Bezzi, 1925: 191. TYPE LOCALITY: Egypt [2S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic:** Egypt, ?Oman.

**vagans**

*Phthiria vagans* Loew, 1846: 391. TYPE LOCALITY: Turkey [T in UNKN].

*Phthiria vagans* var. *pallescens* Engel, 1933b: 153. TYPE LOCALITY: Spain & "Kleinasien" [= Turkey] [5S in NMW\*].

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, Belarus, Croatia, Estonia, France, Greece (incl. Ithaca, Lesbos, Santorini, Zakynthos), Gruzia, Hungary, Iran, Israel, Italy (incl. Sicily), Kyrgyz Republic, Latvia, Lithuania, Hungary, Macedonia, Moldova, Romania, Russia (CET, NET, SET), Spain, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**variegata**

*Phthiria variegata* Austen, 1937: 66. TYPE LOCALITY: Israel (Gaza Strip) [H in BMNH\*].

DISTRIBUTION: **Palaeartic:** Israel (incl. Gaza Strip).

**varipes**

*Phthiria varipes* Austen, 1937: 64. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic:** Israel.

**virgata**

*Phthiria virgata* Austen, 1937: 71. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic:** Israel.

**xanthaspis**

*Phthiria xanthaspis* Bezzi, 1925: 192. TYPE LOCALITY: Egypt [37S in ECF; S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic:** Egypt.

Genus **PYGOCONA** Hull

**PYGOCONA** Hull, 1973: 195 (as subgenus of *Phthiria* Meigen). Type species: *Pygocona flavicincta* Hull, 1973 [= *Phthiria flava* Hardy, 1933], by original designation.

**flava**

*Phthiria flava* Hardy, 1933: 415. TYPE LOCALITY: Australia (Victoria) [8S in UNKN].

*Phthiria flavicincta* Hull, 1973: 195, 199. TYPE LOCALITY: Not given [= Australia] [1S in CNC\*].

DISTRIBUTION: **Australian/Oceanian:** Australia (Victoria).

**nigrina**

*Phthiria nigrina* Hardy, 1933: 415. TYPE LOCALITY: Australia (Victoria) [H in UNKN].

DISTRIBUTION: **Australian/Oceanian:** Australia (NSW, Victoria).



TRIBE **POECILOGNATHINI** HALL & EVENHUISGenus **EURYPHTHIRIA** Evenhuis

**EURYPHTHIRIA** Evenhuis, 1986: 9. Type species: *Euryphthiria grandis* Evenhuis, 1986, by original designation.

**alternans**

*Phthiria alternans* Williston, 1901: 291. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero).

**grandis**

*Euryphthiria grandis* Evenhuis, 1986: 10. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Durango, Zacatecas), USA (Arizona, New Mexico).

Genus **POECILOGNATHUS** Jaenicke

**POECILOGNATHUS** Jaenicke, 1867b: 350 [1868: 42]. Type species: *Poecilognathus thlipsomyzoides* Jaenicke, 1867, by monotypy.

**AGENOSIA** Hull, 1973: 195 (as subgenus of *Phthiria* Meigen). Type species: *Phthiria vittata* Hull, 1973 [= *Phthiria loewi* Painter, 1962], by original designation.

**GERONITES**<sup>†</sup> Cockerell, 1915: 643. Type species: *Geronites stigmalis* Cockerell, 1915, by monotypy.

**badius**

*Phthiria badia* Coquillett, 1904b: 174. TYPE LOCALITY: USA (Texas) [H in USNM\*].

*Phthiria fulvida* Coquillett, 1904b: 172. TYPE LOCALITY: Mexico (Tabasco) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Veracruz-Llave), USA (Texas). **Neotropical**: Costa Rica, Honduras, Mexico (Oaxaca, Tabasco), Nicaragua.

**bicolor**

*Phthiria bicolor* Coquillett, 1904b: 176. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

*Phthiria marginata* Coquillett, 1904b: 173. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (New Mexico).

**loewi**

*Phthiria notata* Loew, 1863c: 11 [1864: 113]. TYPE LOCALITY: USA (California) [H in MCZ\*]. [Preoccupied by Bigot, 1862.]

*Phthiria loewi* Painter in Painter & Painter, 1965: 420 (new replacement name for *Phthiria notata* Loew, 1863).

*Phthiria vittata* Hull, 1973: 195, 196, 199. TYPE LOCALITY: Not given [= Nearctic] [4S in CNC\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Baja California Sur, Chihuahua, Sinaloa, Sonora), USA (Arizona, California, Colorado, Idaho, Nevada, New Mexico, Texas, Utah).

**philippianus**

*Phthiria philippiana* Rondani, 1863: 66 [1864: 66]. TYPE LOCALITY: Chile [H in MZUN].

*Phthiria picta* Philippi, 1865: 653. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical**: Chile.

**pulchellus**

*Phthiria pulchella* Williston, 1901: 288. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos, Puebla, Sinaloa). **Neotropical**: Guatemala, Mexico (Chiapas, Oaxaca), Nicaragua.

**punctipennis**

*Phthiria punctipennis* Walker, 1849: 294. TYPE LOCALITY: USA (Georgia) [L designated by Painter & Painter (1962: 45) in BMNH\*].

DISTRIBUTION: **Nearctic**: USA (Florida, Georgia).

**relativitae**

*Phthiria relativitae* Evenhuis, 1985c: 511. TYPE LOCALITY: USA (California) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**scolopax**

*Phthiria scolopax* Osten Sacken, 1877: 263. TYPE LOCALITY: USA (Colorado) [3S in MCZ\*].

*Phthiria inornata* Coquillett, 1904b: 174. TYPE LOCALITY: USA (Texas) [H in USNM\*].

*Phthiria poeciloptera* Osten Sacken in Rohlfien & Ewald, 1980: 224. *Nomen nudum*.

DISTRIBUTION: **Nearctic**: Mexico (Hidalgo), USA (Arizona, Arkansas, California, Colorado, Idaho, Minnesota, Mississippi, Nebraska, New Mexico, South Dakota, Texas).

**stictopennis**

*Phthiria stictopennis* Hall, 1976a: 103. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**stigmalis**<sup>†</sup>

*Geronites stigmalis* Cockerell, 1915: 643. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in UCGC\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

**sulphureus**

*Phthiria sulphurea* Loew, 1863c: 11 [1864: 113]. TYPE LOCALITY: USA (New Jersey) [H in MCZ\*].

*Phthiria nubeculosa* Coquillett, 1904b: 173. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

*Phthiria flaveola* Coquillett, 1904b: 175. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Canada (Ontario), Mexico (Nuevo León), USA (Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Florida, Georgia, Idaho, Illinois, Iowa, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Montana, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Wyoming). **Neotropical:** Bahamas, Cuba.

**thlipsomyzoides**

*Poecilognathus thlipsomyzoides* Jaenicke, 1867b: 351 [1868: 43]. TYPE LOCALITY: “Mejico” [T (lost) in HLMD].

DISTRIBUTION: **Nearctic:** Mexico (Durango, Guerrero, Hidalgo, México, Puebla).

**unimaculatus**

*Phthiria unimaculata* Coquillett, 1904a: 32. TYPE LOCALITY: USA (New Mexico) [L designated by Evenhuis & Greatehead (1999: 670) in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Durango, Sonora), USA (Arizona, New Mexico, Texas).

**xanthogaster**

*Phthiria xanthogaster* Hall, 1976a: 104. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical:** Chile.

Genus **RELICTIPHTHIRIA** Evenhuis

**RELICTIPHTHIRIA** Evenhuis, 1986: 17. Type species: *Phthiria psi* Cresson, 1919, by original designation.

**chihuahuensis**

*Relictiphthiria chihuahuensis* Hall & Evenhuis, 1987: 654. TYPE LOCALITY: Mexico (Chihuahua) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Chihuahua), USA (Arizona, New Mexico, Texas).

**insularis**

*Relictiphthiria insularis* Hall & Evenhuis, 1987: 656. TYPE LOCALITY: Mexico (Nayarit) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Nayarit).

**primogenita**

*Relictiphthiria primogenita* Evenhuis, 1986: 18. TYPE LOCALITY: USA (Baja California Sur) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Baja California Sur).

**psi**

*Phthiria psi* Cresson, 1919: 185. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Baja California Sur, Chihuahua, Coahuila de Zaragoza, Sonora), USA (Arizona, California, Kansas, Nevada, New Mexico, Texas, Utah).

Genus **TMEMOPHLEBIA** Evenhuis

*ECCREMUS* Wiedemann, 1821b: 243. Type species: *Phthiria albida* Wiedemann, 1821, by monotypy. [Unavailable; name proposed in synonymy with *Phthiria* Meigen and not made available before 1961.]

*CYCLORHYNCHUS* Macquart, 1840: 114 [1841: 392]. Type species: *Cyclorhynchus testaceus* Macquart, 1840, by monotypy. [Preoccupied by Sundeval, 1835.]

*CYCLORRHYNCHUS* Bezzi, 1924a: 3 (unjustified emendation of *Cyclorhynchus* Macquart, 1840). Type species: *Cyclorhynchus testaceus* Macquart, 1840, automatic. [Preoccupied by Kaup, 1829.]

**TMEMOPHLEBIA** Evenhuis, 1986: 19 (new replacement name for *Cyclorhynchus* Macquart, 1840). Type species: *Cyclorhynchus testaceus* Macquart, 1840, automatic.

*CYCLORYNCHUS*, incorrect original spelling of *Cyclorhynchus* (Macquart, 1840: 123 [1841: 401]). [See Evenhuis (1986: 19).]

**albida**

*Phthiria albida* Wiedemann, 1821b: 242. TYPE LOCALITY: Brazil (Bahia) [2S in NMW\*; 3S in ZMHB\*].

DISTRIBUTION: **Neotropical**: Brazil (Bahia, Goiás).

**aldrichi**

*Phthiria aldrichi* Johnson, 1904: 184. TYPE LOCALITY: USA (Idaho) [3S in MCZ\*; 1S in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Aguascalientes, Baja California Sur, Colima, Jalisco, Sinaloa, Sonora), USA (California, Georgia, Idaho, Kansas, New Mexico, Oregon, South Dakota, Texas).

**amplicella**

*Phthiria amplicella* Coquillett, 1904b: 175. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Sinaloa), USA (Arizona, Kansas, Texas).

**anoexis**

*Tmemophlebia anoexis* Hall & Evenhuis, 2004: 673. TYPE LOCALITY: USA (Michigan) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Illinois, Michigan).

**coquilletti**

*Phthiria coquilletti* Johnson, 1902: 240. TYPE LOCALITY: USA (New Jersey) [L designated by Evenhuis & Greathead (1999: 669) in USNM\*].

*Phthiria cyanoceps* Johnson, 1904: 184. TYPE LOCALITY: USA (Massachusetts) [L designated by Evenhuis & Greathead (1999: 669) in MCZ\*].

*Phthiria borealis* Johnson, 1911: 229. TYPE LOCALITY: USA (Maine) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Manitoba, Ontario, Quebec), Mexico (Coahuila de Zaragoza, Nuevo León, Sinaloa, Sonora), USA (Arizona, California, Idaho, Illinois, Kansas, Maine, Maryland, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New Mexico, New York, Oklahoma, Rhode Island, Texas, Virginia).

**fasciventris**

*Phthiria fasciventris* Curran in Curran, Alexander, Twinn & Van Duzee, 1928: 21. TYPE LOCALITY: Puerto Rico [H in AMNH\*].

DISTRIBUTION: **Neotropical**: Cuba, Puerto Rico.

**krypton**

*Tmemophlebia krypton* Hall & Evenhuis, 2004: 678. TYPE LOCALITY: USA (Iowa) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Manitoba), USA (Iowa, Kansas, Texas).

**melanofemur**

*Tmemophlebia melanofemur* Hall & Evenhuis, 2004: 681. TYPE LOCALITY: USA (Florida) [H in FSCA\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Florida, Georgia, North Carolina).

**mexicana**

*Tmemophlebia mexicana* Hall & Evenhuis, 2004: 683. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Guerrero).

**moctezuma**

*Tmemophlebia moctezuma* Hall & Evenhuis, 2004: 685. TYPE LOCALITY: Mexico (Colimna) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Chiapas, Colima, Guerrero, Nayarít, Veracruz-Llave).

**painterorum**

*Tmemophlebia painterorum* Hall & Evenhuis, 2004: 687. TYPE LOCALITY: Mexico (Veracruz-Llave) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (?Guerrero, Veracruz-Llave).

**psammonoma**

*Tmemophlebia psammonoma* Hall & Evenhuis, 2004: 689. TYPE LOCALITY: USA (Kansas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Veracruz-Llave), USA (Colorado, Kansas).

**testacea**

*Cyclorhynchus testacea* Macquart, 1840: 114 [1841: 392. TYPE LOCALITY: “Brésil” [= Brazil or Uruguay] [H in MNHN\*].

DISTRIBUTION: **Neotropical**: Brazil (São Paulo).

**tzahui**

*Tmemophlebia tzahui* Hall & Evenhuis, 2004: 692. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos).

**vockerothi**

*Tmemophlebia vockerothi* Hall & Evenhuis, 2004: 693. TYPE LOCALITY: Canada (Ontario) [H in CNC\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Illinois, Ohio).

**xanthotibia**

*Tmemophlebia xanthotibia* Hall & Evenhuis, 2004: 695. TYPE LOCALITY: USA (Minnesota) [H in UMSP\*].

DISTRIBUTION: **Nearctic**: USA (Minnesota).

Unplaced Species of **PHTHIRIINAE** Becker

**hypoleuca**

*Phthiria hypoleuca* Wiedemann, 1828: 355. TYPE LOCALITY: "Vaterland?" [= unknown] [S in NMW].

DISTRIBUTION: **Patria Ignota**: Unknown.

Subfamily **TOXOPHORINAE** SchinerTRIBE **GERONTINI** HESSEGenus **GERON** Meigen

**GERON** Meigen, 1820: 223. Type species: *Geron gibbosus* Meigen, 1820 [= *Bombylius gibbosus* Olivier, 1789], by subsequent designation (Duponchel *in d'Orbigny*, 1845: 206).

*AMICTOGERON* Hesse, 1938: 918. Type species: *Amictogeron meromelanus* Hesse, 1938, by original designation.

Subgenus **EMPIDIGERON** Painter

**EMPIDIGERON** Painter, 1932: 143. Type species: *Geron snowi* Painter, 1932, by original designation.

**aequalis**

*Geron aequalis* Painter, 1932: 162. TYPE LOCALITY: USA (California) [H in ANSP].  
DISTRIBUTION: **Nearctic**: USA (California).

**aridus**

*Geron aridus* Painter, 1932: 163. TYPE LOCALITY: USA (Arizona) [H in SEMC].  
DISTRIBUTION: **Nearctic**: USA (Arizona, Colorado, New Mexico).

**calvus**

*Geron calvus* Loew, 1863d: 303 [1864: 187]. TYPE LOCALITY: USA (New York) [2S in MCZ\*].

*Geron macropterus* Loew, 1870a: 172 [1872c: 210]. TYPE LOCALITY: USA (New York) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario); USA (Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Virginia).

**hybus**

*Geron hybus* Coquillett, 1894a: 112. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 665) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**nudus**

*Geron nudus* Painter, 1932: 163. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (Colorado, New Mexico).

**snowi**

*Geron snowi* Painter, 1932: 164. TYPE LOCALITY: USA (New Mexico) [H in SEMC].  
DISTRIBUTION: **Nearctic**: USA (Arizona, Colorado, New Mexico).

Subgenus **GERON** Meigen**aaptis**

*Geron aaptis* Evenhuis, 1979c: 19. TYPE LOCALITY: New Caledonia (Loyalty Is) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: New Caledonia (Loyalty Is).

**ablusus**

*Geron ablusus* Bowden, 1974: 102. TYPE LOCALITY: Nigeria [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Nigeria.

**aesion**

*Geron aesion* Evenhuis, 1979c: 20. TYPE LOCALITY: New Caledonia (New Caledonia) [H in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian**: New Caledonia (New Caledonia), PNG (PNG).

**africanus**

*Geron australis* Hesse, 1938: 902. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*]. [Preoccupied by Macquart, 1840.]  
*Geron africanus* Evenhuis & Greathead, 1999: 37 (new replacement name for *Geron australis* Hesse, 1938).  
DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**albescens**

*Geron albescens* Brunetti, 1909b: 229. TYPE LOCALITY: India (Orissa) [H in NZSI].  
DISTRIBUTION: **Oriental**: India (Himachal Pradesh, Karnataka, Maharashtra, Orissa, Uttar Pradesh).

**albidipennis**

*Geron albidipennis* Loew, 1870a: 174 [1872c: 212]. TYPE LOCALITY: USA (California) [H in MCZ\*].  
DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Chihuahua, Durango, Nuevo León, Sonora), USA (Arizona, California, Idaho, New Mexico, Texas, Utah).

**albidus**

*Geron albidum* Walker, 1857: 146. TYPE LOCALITY: "Valley of the Amazon" [= Brazil (Amazonas or Pará)] [L designated by Painter & Painter (1974: 64) in BMNH\*].  
DISTRIBUTION: **Neotropical**: Brazil (Amazonas or Pará).

**albifacies**

*Geron albifacies* Bezzi, 1924a: 113 (key only). TYPE LOCALITY: Not given [= Afrotropical] [1S in MSNM].  
*Geron michaili* Zaitzev, 1972b: 863. TYPE LOCALITY: Mongolia [H in ZIS].  
DISTRIBUTION: **Afrotropical**: Ethiopia. **Palaeartic**: Algeria, Armenia, Egypt, Mongolia, Tunisia, Turkmenistan, Ukraine.

**albipilosus**

*Geron albipilosus* Hall & Evenhuis, 2003: 17. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].  
DISTRIBUTION: **Afrotropical**: Ethiopia.

**anceps**

*Geron anceps* Hesse, 1938: 885. TYPE LOCALITY: South Africa (Western Cape) [4S in SAMC].  
DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**anomalus**

*Amictogeron anomalus* Hesse, 1938: 934. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).



**arenicola**

*Geron arenicolus* Painter, 1932: 160. TYPE LOCALITY: USA (Kansas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Colorado, Idaho, Kansas, Massachusetts, Minnesota, Nebraska, Nevada, New Mexico, New York, Utah).

**argentifrons**

*Geron argentifrons* Brunetti, 1909a: 482. TYPE LOCALITY: Pakistan [H in NZSI].

DISTRIBUTION: **Oriental**: India (Andhra Pradesh, Bihar, Himachal Pradesh, Maharashtra, Uttar Pradesh), Pakistan, Sri Lanka, Thailand.

**argutus**

*Geron argutus* Painter, 1932: 158. TYPE LOCALITY: USA (Kansas) [H in USNM\*].

*Geron perplexus* Tabet, 1979: 182. [Unavailable; name proposed in an unpublished thesis.]

*Geron perplexus* Tabet, 2001c: 49. TYPE LOCALITY: USA (Idaho) [H in CAS\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Hidalgo), USA (Arizona, California, Colorado, Idaho, Kansas, Nevada, New Mexico, Oklahoma, Oregon, Texas, Utah, Wyoming).

**articulatus**

*Geron articulatus* Scarbrough in Scarbrough & Davidson, 1985: 1256. TYPE LOCALITY: Dominican Republic [H in USNM\*].

DISTRIBUTION: **Neotropical**: Dominican Republic.

**asiaticus**

*Geron asiaticus* Zaitzev, 1967: 409. TYPE LOCALITY: Tajikistan [H in ZIS].

*Geron paramonovi* Greathead, 2001b: 166. Type locality: Ukraine [H in ZMHB\*]. [Preoccupied by Evenhuis, 1979.]

DISTRIBUTION: **Palaearctic**: Armenia, Tajikistan, Turkey, Ukraine, Uzbekistan.

**auratus**

*Geron auratus* Zaitzev, 1962c: 175. TYPE LOCALITY: Armenia [H in NMW\*].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, Gruzia, Turkey.

**auricomus**

*Geron auricomus* Hall, 1976a: 110. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**australis**

*Geron australis* Macquart, 1840: 118 [1841: 396]. TYPE LOCALITY: “Nouvelle-Hollande, au port Jackson” [= Australia (NSW)] [H in MNHN\*].

*Geron hiliaris* White, 1916: 188. TYPE LOCALITY: Australia (Tasmania) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, NT, Queensland, SA, Tasmania, Victoria, WA).

**balpi**

*Geron balpi* Evenhuis, 1979c: 23. TYPE LOCALITY: Australia (WA) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, WA).

**barbatus**

*Geron barbatus* Bezzi, 1921a: 99. TYPE LOCALITY: South Africa (Northern Cape & Western Cape [Knysa]) [1S in SAMC; 2S in MSNM].

*Geron barbatus* Bezzi, 1924a: 115. TYPE LOCALITY: South Africa (Eastern Cape & Western Cape [Simon’s Town]) [1S in BMNH\*]. [Preoccupied by Bezzi, 1921.]

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**basutoensis**

*Amictogeron basutoensis* Hesse, 1938: 941. TYPE LOCALITY: “Basutoland” [= Lesotho] [2S in SAMC].

DISTRIBUTION: **Afrotropical**: Lesotho.

**bechuanus**

*Geron bechuanus* Hesse, 1936: 170. TYPE LOCALITY: Botswana [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana.

**binatus**

*Geron binatus* Scarbrough in Scarbrough & Davidson, 1985: 1252. TYPE LOCALITY: U.S. Virgin Is [H in USNM\*].

DISTRIBUTION: **Neotropical**: U.S. Virgin Is.

**borealis**

*Geron borealis* Hall & Evenhuis, 2003: 23. TYPE LOCALITY: USA (Nevada) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Nevada).

**candidulus**

*Geron candidulus* Bowden, 1974: 94. TYPE LOCALITY: Madagascar [H in NHMB].

DISTRIBUTION: **Afrotropical**: Madagascar.

**canescens**

*Geron canescens* Zaitzev, 1962c: 177. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palearctic**: Armenia, Azerbaijan, Gruzia.

**canus**

*Geron canus* Philippi, 1865: 654. TYPE LOCALITY: Chile [N designated by Hall (1976a: 112) in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**capensis**

*Geron capensis* Walker, 1852: 195. TYPE LOCALITY: “Cape” [probably = South Africa (Western Cape)] [H in BMNH\*].

*Geron peringueyi* Hesse, 1938: 907. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**capicola**

*Amictogeron capicolus* Hesse, 1938: 955. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**cheilicterus**

*Amictogeron cheilicterus* Hesse, 1938: 938. TYPE LOCALITY: South Africa (Mpumalanga) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Mpumalanga).

**chrysonotum**

*Geron chrysonotum* Evenhuis, 1979c: 25. TYPE LOCALITY: Australia (WA) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**confusus**

*Geron confusus* Hall & Evenhuis, 2003: 24. TYPE LOCALITY: USA (Arizona) [H in FSCA\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, New Mexico, Texas).

**consors**

*Amictogeron consors* Hesse, 1938: 954. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**ressoni**

*Geron cressoni* Hall & Evenhuis, 2003: 26. TYPE LOCALITY: USA (Colorado) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Colorado, New Mexico, Washington).

**curvipennis**

*Geron curvipennis* Zaitzev, 1972b: 866. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaearctic**: Mongolia.

**dasycerus**

*Amictogeron dasycerus* Hesse, 1938: 948. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**declinatus**

*Geron declinatus* Scarbrough in Scarbrough & Davidson, 1985: 1254. TYPE LOCALITY: U.S. Virgin Is [H in USNM\*].

DISTRIBUTION: **Neotropical**: U.S. Virgin Is.

**delicatus**

*Geron delicatus* Hesse, 1938: 907. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**dicromus**

*Geron dicroma* Bigot, 1892: 374. TYPE LOCALITY: “Cap de Bonne-Espérance?” [= ?South Africa (Western Cape)] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: ?South Africa (Western Cape).

**dilutus**

*Geron dilutus* Bowden, 1974: 95. TYPE LOCALITY: Madagascar [H in MNHN].

DISTRIBUTION: **Afrotropical**: Aldabra, Astove I, Cosmoledo Is, Madagascar.

**disparilis**

*Amictogeron disparilis* Hesse, 1938: 939. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**dissors**

*Geron dissors* Hesse, 1938: 903. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**dubiosus**

*Geron dubiosus* Hesse, 1938: 901. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**efflatouni**

*Geron efflatouni* Greathead in Evenhuis & Greathead, 1999: 683. TYPE LOCALITY: Egypt [H in BMNH\*].

DISTRIBUTION: **Palaearctic:** Egypt, Israel, Saudi Arabia, Tunisia.

**elachys**

*Geron elachys* Hall & Evenhuis, 2003: 27. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Nevada).

**emiliae**

*Geron emiliae* Zaitzev, 1964: 283. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaearctic:** Kazakhstan, Turkey, Ukraine.

**erigonae**

*Geron erigonae* Hall & Evenhuis, 2003: 28. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (San Luis Potosí, Sonora, Zacatecas), USA (Arizona, California, Colorado, Nevada, New Mexico, Utah, Washington, Wyoming).

**erythropus**

*Geron gibbosus* var. *erythropus* Bezzi, 1925: 197. TYPE LOCALITY: Egypt [S (destroyed) in ESEC (see Note 4); 2S in MSNM].

DISTRIBUTION: **Palaearctic:** Egypt, Jordan.

**etamorpha**

*Geron etamorpha* Carles-Tolrá, 2009: 63. TYPE LOCALITY: Spain [H in MCT].

DISTRIBUTION: **Palaearctic:** Spain.

**europacificus**

*Geron europacificus* Evenhuis, 1979c: 27. TYPE LOCALITY: French Polynesia (Society Is) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** French Polynesia (Society Is).

**exemptus**

*Geron exemptus* Bowden, 1974: 97. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya, Uganda.

**exumae**

*Geron exumae* Scarbrough in Scarbrough & Davidson, 1985: 1250. TYPE LOCALITY: Bahamas [H in NYSM].

DISTRIBUTION: **Neotropical:** Bahamas, Cuba.

**farri**

*Geron farri* Scarbrough in Scarbrough & Davidson, 1985: 1247. TYPE LOCALITY: Jamaica [H in IJSM].

DISTRIBUTION: **Neotropical:** Jamaica.

**flavociput**

*Geron flavociput* Evenhuis, 1979c: 24. TYPE LOCALITY: Australia (ACT) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT).

**freidbergi**

*Geron freidbergi* Zaitzev, 1998: 689 [1998a: 1081]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaearctic:** Greece (Rhodes), Israel.

**fumipennis**

*Geron fumipennis* Evenhuis, 1979c: 30. TYPE LOCALITY: Australia (Queensland) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, Queensland).

**furcifer**

*Geron furcifer* Hesse, 1938: 899. TYPE LOCALITY: South Africa (Gauteng) [3S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Gauteng).

**fuscipes**

*Amictogeron fuscipes* Hesse, 1938: 935. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**fusciscelis**

*Geron fusciscelis* Evenhuis, 1979c: 30. TYPE LOCALITY: French Polynesia (Society Is) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, Queensland), French Polynesia (Society Is).

**garagniae**

*Geron garagniae* Efflatoun, 1945: 137. TYPE LOCALITY: Egypt [18S in ECF; 13S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt.

**gariepinus**

*Geron gariepinus* Hesse, 1938: 897. TYPE LOCALITY: South Africa (Northern Cape) [6S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**gibbosus**

*Bombylius gibbosus* Olivier, 1789: 329. TYPE LOCALITY: "Provence" [= France] [S in UNKN].

*Bombylius hybridus* Meigen, 1804: 186. TYPE LOCALITY: France [H in MNHN\*].

*Geron gibbosus* Meigen, 1820: 223 (unjustified new replacement name for *Bombylius hybridus* Meigen, 1804). [Preoccupied by Olivier, 1789.]

*Geron corcyreus* Frey, 1936: 48. TYPE LOCALITY: France (Corsica) [1S in MZHF].

DISTRIBUTION: **Palaeartic**: France (incl. Corsica), Greece (Rhodes), Israel, ?Spain, Turkey.

**gilloni**

*Geron gilloni* Lachaise & Bowden, 1976: 325. TYPE LOCALITY: Ivory Coast [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: Ivory Coast.

**griseus**

*Geron griseus* Zaitzev, 1962c: 177. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Lebanon, Turkey.

**halli**

*Geron halli* Evenhuis in Hall & Evenhuis, 2003: 32. TYPE LOCALITY: USA (Missouri) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Missouri).

**halteralis**

*Geron halteralis* Wiedemann in Meigen, 1820: 224. TYPE LOCALITY: Portugal [H in ZMHB\*].

*Geron albidulus* François, 1969c: 124. TYPE LOCALITY: Spain [H in ZMAN].

*halteris*, incorrect spelling of *halteralis* (Dils & Özbek, 2006: 462)

DISTRIBUTION: **Palaeartic**: ?Egypt, France (incl. Corsica), Greece, Italy (incl. Sardinia), ?Libya, Portugal, Spain, Turkey.

**hesperidium**

*Geron hesperidium* Frey, 1936: 47. TYPE LOCALITY: Canary Is [96S in MZHF].

DISTRIBUTION: **Palaeartic**: Canary Is.

**hessei**

*Amictogeron peringueyi* Hesse, 1938: 950. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC]. [Preoccupied by Hesse, 1938: 907 (*Geron*).]

*Geron hessei* Bowden, 1974: 100 (new replacement name for *Amictogeron peringueyi* Hesse, 1938).

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**holosericeus**

*Geron holosericeus* Walker, 1849: 295. TYPE LOCALITY: USA (Georgia) [3S in BMNH\*].

*Geron digitaria* var. *robustus* Cresson, 1919: 185. TYPE LOCALITY: USA (Maryland) [H in ANSP].

*Geron niveoides* Cole, 1923: 312. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS].

*Geron insularis* Cole, 1923: 313. TYPE LOCALITY: Mexico (Tiburon I) [H in CAS]. [Preoccupied by Bigot, 1857.].

*Geron versicolor* Painter, 1932: 156. TYPE LOCALITY: USA (Kansas) [H in USNM\*].

*Geron colei* Painter, Painter & Hall, 1978: 17 (new replacement name for *Geron insularis* Cole, 1923).

*Geron colei* Evenhuis, 1978c: 103 (new replacement name for *Geron insularis* Cole, 1923). [Preoccupied by Painter, Painter & Hall, 1978.].

*Geron saxosus* Tabet, 1979: 184. [Unavailable; name proposed in an unpublished thesis.]

*Geron saxosus* Tabet, 2001c: 51. TYPE LOCALITY: USA (Idaho) [H in CAS\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Baja California Sur, Chihuahua, Coahuila de Zaragoza, Colima, Durango, Guerrero, Jalisco, Michoacán de Ocampo, Morelos, Nayarit, Nuevo León, Puebla, San Luis Potosí, Sinaloa, Sonora, Tamaulipas, Veracruz-Llave), USA (Arizona, Colorado, Florida, Georgia, Illinois, Kansas, Kentucky, Maryland, Missouri, New Jersey, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Washington). **Neotropical**: El Salvador, Guatemala, Mexico (Oaxaca, Yucatán), Nicaragua.

**inflatus**

*Geron inflatus* Evenhuis, 1979c: 31. TYPE LOCALITY: Australia (WA) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**inflatus**

*Geron infrequens* Hall & Evenhuis, 2003: 35. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**intonsus**

*Geron intonsus* Bezzi, 1925: 196. TYPE LOCALITY: Egypt [2S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt, Kazakhstan.

**johnsoni**

*Geron johnsoni* Painter, 1932: 155. TYPE LOCALITY: USA (Massachusetts) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Massachusetts).

**juxtus**

*Geron juxtus* Bowden, 1974: 100. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**karakara**

*Geron karakara* Evenhuis, 1979c: 32. TYPE LOCALITY: Australia (WA) [H in AMS\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**karooanus**

*Amictogeron karooanus* Hesse, 1938: 933. TYPE LOCALITY: South Africa (Eastern Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**kaszabi**

*Geron kaszabi* Zaitzev, 1972b: 866. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol), Mongolia, Tajikistan, Uzbekistan.

**kerzhneri**

*Geron kerzhneri* Zaitzev, 1975: 552. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**kozlovi**

*Geron kozlovi* Zaitzev, 1972b: 863. TYPE LOCALITY: China (Nei Monggol) [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, China (Nei Monggol), Gruzia, Iran, Kazakhstan, Kyrgyz Republic, Tajikistan, Turkey, Uzbekistan.

**krymensis**

*Geron krymensis* Paramonov, 1929a: 187(125). TYPE LOCALITY: Ukraine [9S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, France, Greece, Gruzia, Hungary, Iran, Israel, Italy (incl. Sicily), Jordan, Lebanon, Kyrgyz Republic, Macedonia, Moldova, Portugal, Romania, Russia (SET), Slovakia, Slovenia, Spain, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**lactipennis**

*Geron lactipennis* Hesse, 1938: 909. TYPE LOCALITY: "S. Rhodesia" [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**lasiocornis**

*Amictogeron lasiocornis* Hesse, 1938: 946. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**latifrons**

*Geron latifrons* Hesse, 1938: 915. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**lepidus**

*Geron lepidus* Bowden, 1962b: 49. TYPE LOCALITY: Congo [H in MRAC].

DISTRIBUTION: **Afrotropical**: Congo.

**leptocerus**

*Geron leptocerus* Bezzi, 1921a: 100. TYPE LOCALITY: “Transvaal” [= South Africa (Mpumalanga)] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Lesotho, South Africa (Mpumalanga).

**longiventris**

*Geron longiventris* Efflatoun, 1945: 149. TYPE LOCALITY: Egypt [4S in ECF; 5S (destroyed) in ESEC (see Note 4)].

*Geron roborovskii* Zaitzev, 1998: 687 [1998a: 1077]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: China, Egypt, Israel, Tajikistan, Uzbekistan.

**macquarti**

*Geron macquarti* Greathead in Evenhuis & Greathead, 1999: 680. TYPE LOCALITY: Greece (Lesbos) [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Egypt, Greece (incl. Lefkas, Lesbos), Italy, Malta, Morocco, Tunisia, Turkey.

**maculifacies**

*Geron maculifacies* Hesse, 1938: 895. TYPE LOCALITY: “S.W. Africa” [= Namibia] [7S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (KwaZulu-Natal).

**malekulanus**

*Geron malekulanus* Evenhuis, 1979c: 33. TYPE LOCALITY: Vanuatu [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: Vanuatu.

**marius**

*Amictogeron bezzii* Hesse, 1938: 936. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC]. [Preoccupied by Paramonov, 1930.]

*Geron marius* Bowden, 1980: 385 (new replacement name for *Amictogeron bezzii* Hesse, 1938).

DISTRIBUTION: **Afrotropical**: Namibia.

**marshalli**

*Amictogeron marshalli* Hesse, 1938: 945. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**meigeni**

*Geron meigeni* Greathead, 2001b: 170. TYPE LOCALITY: Italy (Sardinia) [H in ZMAN\*].

DISTRIBUTION: **Palaeartic**: Algeria, Italy (Sardinia).



**meromelanus**

*Amictogeron meromelanus* Hesse, 1938: 929. TYPE LOCALITY: South Africa (Western Cape) [20S in SAMC; 1S in NMSA\*].

*meromelas*, error for *meromelanus*.

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**mononesensis**

*Geron mononesensis* Evenhuis, 1979c: 33. TYPE LOCALITY: Indonesia (Maluku) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku).

**monticola**

*Geron monticola* Hall & Evenhuis, 2003: 37. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**montanus**

*Amictogeron montanus* Hesse, 1938: 956. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**munroi**

*Geron munroi* Hesse, 1938: 888. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**mystacinus**

*Geron mystacinus* Bezzi, 1924a: 113. TYPE LOCALITY: “Syria” [= Lebanon or Syria] [H in MSNM].

DISTRIBUTION: **Palearctic**: Israel, Jordan, Spain, Syria.

**mysticus**

*Geron mysticus* Evenhuis, 1979c: 33. TYPE LOCALITY: Vanuatu [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: Vanuatu.

**namaensis**

*Amictogeron namaensis* Hesse, 1938: 932. TYPE LOCALITY: South Africa (Northern Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**nasutus**

*Geron nasutus* Bezzi, 1924a: 114. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Malawi, Namibia, Nigeria, Zambia.

**nephroideus**

*Geron nephroideus* Scarbrough in Scarbrough & Davidson, 1985: 1257. TYPE LOCALITY: Cuba [H in MCZ].

DISTRIBUTION: **Neotropical**: Cuba.

**neutralis**

*Geron neutralis* Evenhuis, 1979c: 35. TYPE LOCALITY: New Caledonia (New Caledonia) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: New Caledonia (Loyalty Is, New Caledonia).

**nevadensis**

*Geron nevadensis* Hall & Evenhuis, 2003: 40. TYPE LOCALITY: USA (Nevada) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Morelos), USA (Arizona, California, Nevada, Utah).

**nigerrimus**

*Geron nigerrimus* Hesse, 1938: 884. TYPE LOCALITY: South Africa (Western Cape) [5S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**nigrifacies**

*Geron nigrifacies* Hesse, 1938: 889. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**nigrifemoris**

*Amictogeron nigrifemoris* Hesse, 1938: 931. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**nigripes**

*Geron nigripes* Painter, 1932: 152. TYPE LOCALITY: USA (California) [H in USNM\*].

*Geron winburni* Painter, 1932: 157. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Texas).

**niveolus**

*Geron niveus* Hesse, 1938: 904. TYPE LOCALITY: "S. Rhodesia" [= Zimbabwe] [H in BMNH\*]. [Preoccupied by Cresson, 1919.]

*Geron niveolus* Evenhuis & Greathead, 1999: 46 (new replacement name for *Geron niveus* Hesse, 1938).

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**niveus**

*Geron nivea* Cresson, 1919: 185. TYPE LOCALITY: USA (California) [H in ANSP].

DISTRIBUTION: **Nearctic**: USA (California).

**nomadicus**

*Geron nomadicus* Hesse, 1938: 912. TYPE LOCALITY: "S.W. Africa" [= Namibia] [10S in SAMC; 1S in NMSA\*; 1S in BMNH\*].

*Geron nomadicus* var. *breyeri* Hesse, 1938: 914. TYPE LOCALITY: South Africa (Northern Province) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Mozambique, Namibia, South Africa (KwaZulu-Natal, Northern Cape, Northern Province), Tanzania, Zimbabwe.

**notios**

*Geron notios* Hall & Evenhuis, 2003: 44. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Nayarit, Sonora), USA (Arizona, California, Texas).

**olivierii**

*Geron olivierii* Macquart, 1840: 117 [1841: 395]. TYPE LOCALITY: Greece (Lesbos) [N designated by Evenhuis & Greathead (1999: 46) in BMNH\*].

DISTRIBUTION: **Palaeartic**: Armenia, Croatia, Cyprus, Greece (incl. Crete, Kephallonia, Lefkas, Lesbos, Naxos, Poros, Rhodes, Zakynthos), Israel, Iran,

Italy (incl. Sicily), Jordan, Lebanon, Romania, Saudi Arabia, Spain, Syria, Turkey, Turkmenistan, Ukraine.

**orthoperus**

*Geron orthoperus* Hesse, 1938: 887. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**painteri**

*Geron painteri* Hall & Evenhuis, 2003: 46. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico).

**pallipilosus**

*Geron pallipilosus* Yang & Yang, 1992: 207. TYPE LOCALITY: China (Ningxia) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Ningxia).

**paramonovi**

*Geron paramonovi* Evenhuis, 1979c: 36. TYPE LOCALITY: Australia (NSW) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**parvidus**

*Geron parvidus* Painter, 1932: 145, 155. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**parvus**

*Geron parvus* Hesse, 1938: 905. TYPE LOCALITY: “South West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (KwaZulu-Natal).

**peucon**

*Geron peucon* Hall & Evenhuis, 2003: 48. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Idaho, Nevada, Utah).

**phallophorus**

*Geron phallophorus* Bezzi, 1920: 101. TYPE LOCALITY: Cape Verde Is [4S in MCSN; 1S in MSNM].

DISTRIBUTION: **Afrotropical**: Cape Verde Is.

**philippinensis**

*Geron philippinensis* Evenhuis & Arakaki, 1980: 309. TYPE LOCALITY: Philippines [H in BPBM\*].

DISTRIBUTION: **Oriental**: Philippines.

**priapeus**

*Geron priapeus* Bezzi, 1920: 103. TYPE LOCALITY: Cape Verde Is [8S in MCSN; 2S in MSNM].

DISTRIBUTION: **Afrotropical**: Cape Verde Is.

**prospodis**

*Geron prospodis* Hall & Evenhuis, 2003: 50. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), Mexico (Nuevo Leon), USA (Arizona, California, Colorado, Kansas, Nevada, Utah, Washington, Wyoming).

#### **psammobates**

*Geron psammobates* Hesse, 1938: 910. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Kenya, Namibia, South Africa (Gauteng), Swaziland, Zimbabwe.

#### **ritae**

*Geron ritae* Zaitzev, 1998: 691 [1998a: 1081]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaearctic**: Israel.

#### **rufipes**

*Geron rufipes* Macquart, 1846: 247(119). TYPE LOCALITY: Mexico (Yucatán) [S (lost?) in MNVL (originally in Pilate Collection)].

*Geron litoralis* Painter, 1932: 146. TYPE LOCALITY: Honduras [H in USNM\*].

*Geron grandis* Painter, 1932: 150. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Jalisco, Morelos, Nayarit, Nuevo León, Puebla, San Luis Potosí, Sinaloa, Sonora, Veracruz-Llave), USA (Arizona, California, New Mexico, Texas). **Neotropical**: El Salvador, Guatemala, Honduras, Mexico (Chiapas, Oaxaca, Yucatán), Jamaica, Nicaragua.

#### **saccharus**

*Geron saccharus* Bowden, 1974: 102. TYPE LOCALITY: Nigeria [H in JB].

DISTRIBUTION: **Afrotropical**: Nigeria.

#### **salmonus**

*Geron salmonus* Scarbrough in Scarbrough & Davidson, 1985: 1244. TYPE LOCALITY: Bahamas [H in USNM\*].

DISTRIBUTION: **Neotropical**: Bahamas.

#### **samarus**

*Geron samarus* Bowden, 1974: 101. TYPE LOCALITY: Nigeria [H in JB].

DISTRIBUTION: **Afrotropical**: Nigeria.

#### **semifuscus**

*Geron semifuscus* Séguy, 1933: 15. TYPE LOCALITY: South Africa (KwaZulu-Natal) [S in MNHN].

*Amictogeron phaeopteris* Hesse, 1938: 942. TYPE LOCALITY: South Africa (Western Cape) [4S in BMNH\*; 2S in NMSA\*; 4S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, KwaZulu-Natal, Mpumalanga, Northern Province, Western Cape).

#### **senilis**

*Bombylius senilis* Fabricius, 1794: 411. TYPE LOCALITY: “Americae meridionalis insulis” [= U.S. Virgin Is] [L designated by Scarbrough & Davidson (1985: 1240) in ZMUC\*].

*Bombylius insularis* Bigot, 1857b: 332 [1857c: 792]. TYPE LOCALITY: Cuba [L designated by Painter & Painter (1962: 47) in MNHN\*].

*Geron albaria* Painter, 1932: 159. TYPE LOCALITY: USA (Texas) [H in USNM\*].

*Geron antologos* Tabet, 1979: 176. [Unavailable; name proposed in an unpublished thesis.]

*Geron antologos* Tabet, 2001c: 48. TYPE LOCALITY: USA (Idaho) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Chihuahua, Durango, Nuevo León, Puebla, san Luis Potosí, Veracruz-Llave), USA (Arizona, California, Colorado, Florida, Idaho, Illinois, Kansas, Maryland, Montana, Nevada, New Jersey, New Mexico, Texas, Utah, Virginia, Washington, Wyoming). **Neotropical:** Bahamas, British Virgin Is, Cuba, Jamaica, Mexico (Oaxaca), Puerto Rico, Turks and Caicos Is, U.S. Virgin Is.

### **seychellarum**

*Geron seychellarum* Greathead, 1983: 63. TYPE LOCALITY: Seychelles [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Seychelles.

### **simplicipennis**

*Geron simplicipennis* Greathead, 1967: 230. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Eritrea, Kenya.

### **sinensis**

*Geron sinensis* Yang & Yang, 1992: 206. TYPE LOCALITY: China (Beijing) [H in CAU].

DISTRIBUTION: **Palearctic:** China (Beijing).

### **smirnovi**

*Geron smirnovi* Zaitzev, 1978: 907. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palearctic:** Greece (Rhodes), Jordan, Tajikistan, Turkey, Turkmenistan.

### **stenos**

*Geron stenos* Hall & Evenhuis, 2003: 58. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

### **subauratus**

*Geron subauratus* Loew, 1863d: 304 [1864: 188]. TYPE LOCALITY: USA (Pennsylvania) [1S in CNC\*; 3S in MCZ\*].

*Geron digitaria* Cresson, 1919: 184. TYPE LOCALITY: USA (New Mexico) [H in ANSP].

*Geron alba* Cole, 1923: 313. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Baja California Sur, Sonora, Tiburon I), USA (Arizona, California, Colorado, Connecticut, District of Columbia, Maryland, Massachusetts, Michigan, New Jersey, New Mexico, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, Texas, Utah, Virginia).

### **subflavofemoratus**

*Geron gibbosus* var. *subflavofemoratus* Andréu Rubio, 1959: 8. TYPE LOCALITY: “Mogador” [= Morocco] [L designated by Evenhuis & Greathead (1999: 49) in MNMS\*].

DISTRIBUTION: **Palearctic:** Morocco.

### **syriacus**

*Geron syriacus* Zaitzev, 2002c: 439. TYPE LOCALITY: Lebanon [H in NHRS].

DISTRIBUTION: **Palearctic:** Lebanon.

**tenuis**

*Geron tenuis* Walker, 1857: 147. TYPE LOCALITY: "Country unknown" [= ?Australasian/Oceanian] [H in BMNH\*].

DISTRIBUTION: **Patria Ignota**: ?Australasian/Oceanian.

**terminatus**

*Geron terminatus* Evenhuis, 1979c: 37. TYPE LOCALITY: Vanuatu [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: Vanuatu.

**transvaalensis**

*Geron transvaalensis* Hesse, 1938: 891. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**turneri**

*Geron turneri* Hesse, 1938: 893. TYPE LOCALITY: South Africa (Western Cape) [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**umbripennis**

*Geron umbripennis* Bezzi, 1924a: 113 (key only) [*in* Bezzi & Lamb, 1926: 543].  
TYPE LOCALITY: Not given [= Rodriguez I] [6S in BMNH\*]

DISTRIBUTION: **Afrotropical**: Rodriguez I.

**validus**

*Geron robustus* Evenhuis, 1979c: 37. TYPE LOCALITY: Australia (NT) [H in ANIC\*].  
[Preoccupied by Cresson, 1919.]

*Geron validus* Evenhuis, 1989b: 362 (new replacement name for *Geron robustus* Evenhuis, 1979).

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, Queensland).

**varicapillis**

*Geron varicapillis* Bowden, 1974: 95. TYPE LOCALITY: Madagascar [H in NHMB].

DISTRIBUTION: **Afrotropical**: Madagascar.

**viaticus**

*Geron viaticus* Bowden, 1974: 97. TYPE LOCALITY: Nigeria [H in JB].

DISTRIBUTION: **Afrotropical**: Nigeria.

**victolgae**

*Geron victolgae* Zaitzev, 2004: 902. TYPE LOCALITY: Russia (FE) [H in ZIS].

DISTRIBUTION: **Palaearctic**: Russia (FE).

**vitripennis**

*Geron vitripennis* Loew, 1870a: 173 [1872c: 211]. TYPE LOCALITY: USA ("Middle States") [2S in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), Mexico (Nuevo León, Veracruz-Llave), USA (Arizona, Colorado, Florida, Georgia, Idaho, Illinois, Kansas, Nevada, New Jersey, New Mexico, Oklahoma, Texas, Utah, Virginia).

**waltoni**

*Amictogeron waltoni* Hesse, 1938: 957. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**weemsi**

*Geron weemsi* Hall & Evenhuis, 2003: 65. TYPE LOCALITY: USA (Florida) [H in FSCA\*].

DISTRIBUTION: **Nearctic:** USA (Florida).

Subgenus **PLICHTAMYIA** Evenhuis

**PLICHTAMYIA** Evenhuis, 1979c: 39. Type species: *Geron dispar* Macquart, 1850, by original designation.

**albihalteris**

*Geron albihalteris* Evenhuis, 1979c: 39. TYPE LOCALITY: Solomon Is [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** PNG (Bismarck Arch), Solomon Is.

**amboinensis**

*Geron amboinensis* Evenhuis, 1979c: 40. TYPE LOCALITY: Indonesia (Maluku) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** Indonesia (Maluku).

**bowdeni**

*Geron bowdeni* Evenhuis, 1979c: 41. TYPE LOCALITY: PNG (Bismarck Arch) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** PNG (Bismarck Arch).

**cabon**

*Geron cabon* Evenhuis, 1979c: 24. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**dispar**

*Geron dispar* Macquart, 1850: 426(122). TYPE LOCALITY: Australia (Tasmania) [3S in MNHN\*].

*Geron cothurnatus* Bigot, 1892: 374. TYPE LOCALITY: “Van-Diemen” [= Australia (Tasmania)] [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Queensland, Tasmania, Victoria).

**erythroccipitalis**

*Geron erythroccipitalis* Evenhuis, 1979b: 44. TYPE LOCALITY: Solomon Is [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** PNG (Bougainville I), Solomon Is.

**hemifuscis**

*Geron hemifuscis* Evenhuis, 1979c: 45. TYPE LOCALITY: PNG (PNG) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** PNG (PNG).

**nigralis**

*Geron nigralis* Roberts, 1929: 571. TYPE LOCALITY: Australia (NSW) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

**nigrocciput**

*Geron nigrocciput* Evenhuis, 1979c: 48. TYPE LOCALITY: Australia (Queensland) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Queensland, SA, Tasmania), PNG (PNG).

**opacus**

*Geron opacus* Bowden, 1971d: 312. TYPE LOCALITY: PNG (Bismarck Arch) [H in ZMUC].

DISTRIBUTION: **Australasian/Oceanian**: PNG (Bismarck Arch), Solomon Is.

**paraaustralicus**

*Geron paraaustralicus* Evenhuis, 1979c: 51. TYPE LOCALITY: Indonesia (Maluku) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku).

**robertsi**

*Geron robertsi* Evenhuis, 1979c: 52. TYPE LOCALITY: Australia (NSW) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**sparsus**

*Geron sparsus* Bowden, 1971d: 312. TYPE LOCALITY: PNG (Bismarck Arch) [H in ZMUC].

DISTRIBUTION: **Australasian/Oceanian**: PNG (Bismarck Arch).

**westralicus**

*Geron westralicus* Evenhuis, 1979c: 54. TYPE LOCALITY: Australia (WA) [H in CAS\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

Subgenus **PSEUDOAMMICTUS** Bigot

**PSEUDOAMMICTUS** Bigot, 1892: 342 (as genus). Type species: *Amictus heteropterus* Wiedemann, 1821 (as “*Ammictus*”), by original designation.

**PSEUDEMPIS** Bezzi, 1921a: 94. Type species: *Amictus heteropterus* Wiedemann, 1821, [misidentification, = *Pseudoamictus bezzii* Paramonov, 1930], by original designation.

**PSEUDOAMICTUS**, error for *Pseudoamictus*.

**bezzii**

*Pseudoamictus bezzii* Paramonov, 1930: 478(130). TYPE LOCALITY: South Africa (Western Cape & Northern Cape) [2S in SAMC]. [Valid by bibliographic reference to Bezzi (1921a: 94) referring to specimens misidentified by Bezzi as *heteropterus*.]

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**heteropterus**

*Amictus heteropterus* Wiedemann, 1821b: 176. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [T (lost) in ZMHB].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**luctuosus**

*Geron luctuosus* Bezzi, 1921a: 99. TYPE LOCALITY: “Basutoland” [= Lesotho] [2S in SAMC].

DISTRIBUTION: **Afrotropical**: Lesotho.

Subgenerally Unplaced Species of **GERON** Meigen

**figuratus**<sup>†</sup>

*Geron figuratus* Théobald, 1937a: 350. TYPE LOCALITY: France (Oligocene) [C] [H in UBIG].

DISTRIBUTION: **Palearctic**: France (Oligocene).



**oligocaenicus**<sup>†</sup>

*Phthiria oligocaenicus* Timon-David, 1944: 132. TYPE LOCALITY: France (Oligocene) [C] [H in MNHN?].

DISTRIBUTION: **Palaeartic**: France (Oligocene).

**platysoma**<sup>†</sup>

*Geron platysoma* Cockerell, 1915: 643. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in ANSP].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

**simplex**

*Geron simplex* Walker, 1858: 90. TYPE LOCALITY: Indonesia (Maluku) [T (lost) in BMNH (J.E. Chainey, pers. comm.)].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku), ?PNG (PNG).

TRIBE **SYSTROPODINI** BRAUERGenus **DOLICHOMYIA** Wiedemann

**DOLICHOMYIA** Wiedemann, 1830: 642. Type species: *Dolichomyia nigra* Wiedemann, 1830, by monotypy.

**chilensis**

*Systropus chilensis* Philippi, 1865: 654. TYPE LOCALITY: Chile [N designated by Hall (1976a: 116) in MEUC\*].

*Systropus calopus* Bigot, 1892: 373. TYPE LOCALITY: Chile [6S in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**coniocera**

*Dolichomyia coniocera* Hall, 1976a: 116. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**detecta**

*Dolichomyia detecta* Schiner, 1868b: 135. TYPE LOCALITY: Chile [H in NMW].

DISTRIBUTION: **Neotropical**: Chile.

**gracilis**

*Dolichomyia gracilis* Williston, 1894b: 41. TYPE LOCALITY: USA (Colorado) [2S in SEMC].

DISTRIBUTION: **Nearctic**: USA (Arizona, Colorado).

**nigra**

*Dolichomyia nigra* Wiedemann, 1830: 642. TYPE LOCALITY: “La Guayra in Columbian” [= Venezuela] [H in ZMHB\*].

DISTRIBUTION: **Neotropical**: Venezuela.

**stenopennis**

*Dolichomyia stenopennis* Hall, 1976a: 18. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**tertiaria**<sup>†</sup>

*Dolichomyia terciaria* Cockerell, 1917a: 20. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

**testea**<sup>†</sup>

*Melanderella testea* Melander, 1949: 35. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

Genus **MELANDERELLA** Cockerell

**MELANDERELLA**<sup>†</sup> Cockerell, 1909c: 70. Type species: *Melanderella glossalis* Cockerell, 1909, by monotypy.

**glossalis**<sup>†</sup>

*Melanderella glossalis* Cockerell, 1909c: 70. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in UCGC\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

Genus **PARADOLICHOMYIA** Nel & De Ploëg

**PARADOLICHOMYIA**<sup>†</sup> Nel & De Ploëg, 2004: 58. Type species: *Paradolichomyia eocenica* Nel & De Ploëg, 2004, by original designation.

**eocenica**<sup>†</sup>

*Paradolichomyia eocenica* Nel & De Ploëg, 2004: 58. TYPE LOCALITY: France (Eocene) [A] [H in MNHN].

DISTRIBUTION: **Palaearctic**: France (Eocene).

Genus **SYSTROPUS** Wiedemann

**SYSTROPUS** Wiedemann, 1820: 18. Type species: *Systropus macilentus* Wiedemann, 1820, by original designation (on plate).

**CÉPHÈNE** Latreille, 1825: 496 (unjustified new replacement name for *Systropus* Wiedemann, 1820). [Unavailable; vernacular name without nomenclatural status.]

**CEPHENUS** Berthold, 1827: 506 (unnecessary new replacement name for *Systropus* Wiedemann, 1820 [as “*Systrophus*”). Type species: *Systropus macilentus* Wiedemann, 1820, automatic.

**CEPHENES** Latreille, 1829: 505. Type species: *Systropus macilentus* Wiedemann, 1820, by subsequent designation (Evenhuis, 1991b: 25). [Unavailable; name proposed in synonymy with *Systropus* Wiedemann and not made available before 1961.]

**SYSTROPUS** Jensen, 1832: 335. Type species: *Systropus macilentus* Jensen, 1832 [preoccupied, = *Systropus macilentus* Wiedemann, 1820], by monotypy. [Preoccupied Wiedemann, 1820.]

**XYSTROPHUS** Agassiz, 1846b: 393 (unnecessary emendation of *Systropus* Wiedemann, 1820). Type species: *Systropus macilentus* Wiedemann, 1820, automatic.

**CEPHENIUS** Enderlein, 1926: 70. Type species: *Systropus studyi* Enderlein, 1926, by original designation.

**COPTOPELMA** Enderlein, 1926: 70. Type species: *Coptopelma schineri* Enderlein, 1926 [misidentification, = *Systropus sanguineus* Bezzi, 1921], by original designation.

*PIOPERNA* Enderlein, 1926: 70. Type species: *Cephenus femoratus* Karsch, 1880, by original designation.

*SYMBALLA* Enderlein, 1926: 70, 92. Type species: *Systropus leptogaster* Loew, 1860 [misidentification, = *Systropus holaspis* Speiser, 1914], by original designation.

Subgenus **DIAEROPS** Enderlein

**DIAEROPS** Enderlein, 1926: 70 (as genus). Type species: *Systropus marshalli* Bezzi, 1924, by original designation.

*COPTODICRUS* Enderlein, 1926: 70, 91 (as genus). Type species: *Coptodicrus vespiformis* Enderlein, 1926, by original designation.

**marshalli**

*Systropus marshalli* Bezzi 1924a: 118. TYPE LOCALITY: “Mashonaland” [= Zimbabwe] & “Belgian Congo” [= Congo] [2S in BMNH\*].

*Coptodicrus vespiformis* Enderlein, 1926b: 91. TYPE LOCALITY: Togo [L designated by Bowden (1967c: 143) in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Congo, Kenya, Togo, Uganda, Zimbabwe.

Subgenus **DIMELOPELMA** Enderlein

**DIMELOPELMA** Enderlein, 1926: 70, 90 (as genus). Type species: *Dimelopelma tessmanni* Enderlein, 1926, by original designation.

**bicuspis**

*Systropus bicuspis* Bezzi, 1924a: 126. TYPE LOCALITY: Nigeria [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Nigeria.

**curtipetiolus**

*Systropus curtipetiolus* Du & Yang, 2009: 314. TYPE LOCALITY: China (Beijing) [H in CAU].

DISTRIBUTION: **Palearctic**: China (Beijing).

**pelopoeus**

*Systropus pelopoeus* Bowden, 1967c: 133. TYPE LOCALITY: Nigeria [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Nigeria.

**rex**

*Systropus rex* Curran, 1927b: 42. TYPE LOCALITY: Congo [H in AMNH\*].

DISTRIBUTION: **Afrotropical**: Congo, Uganda.

**maccus**

*Cephenius maccus* Enderlein, 1926: 85. TYPE LOCALITY: India (Sikkim) [2S in BMNH\*; 7S in ZMHB\*].

DISTRIBUTION: **Oriental**: India (Sikkim). **Palearctic**: China (Jilin), Korea.

**perniger**

*Systropus perniger* Evenhuis, 1982a: 31. TYPE LOCALITY: China (Fujian) [H in BPBM\*].

DISTRIBUTION: **Oriental**: China (Fujian).

**tessmanni**

*Dimelopelma tessmanni* Enderlein, 1926: 90. TYPE LOCALITY: “Spanish Guinea” [= Equatorial Guinea] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Equatorial Guinea.

**tribolus**

*Systropus tribolus* Bowden, 1967c: 136. TYPE LOCALITY: Sierra Leone [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Sierra Leone.

**trigonalis**

*Systropus trigonalis* Bezzi, 1924a: 127. TYPE LOCALITY: “Kenya Colony” [= Kenya] & Uganda [3S in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Kenya, Tanzania, Uganda.

Subgenus **SYSTROPUS** Wiedemann

**acourti**<sup>†</sup>

*Systropus acourti* Cockerell, 1921: 469. TYPE LOCALITY: UK (England) (Eocene/ Oligocene) [C] [H in BMNH\*].  
DISTRIBUTION: **Palaeartic**: UK (England) (Eocene/Oligocene).

**acuminatus**

*Cephenus acuminatus* Enderlein, 1926: 77. TYPE LOCALITY: “Formosa” [= Taiwan] [3S in ZMHB\*].  
DISTRIBUTION: **Oriental**: Taiwan.

**acutus**

*Systropus acutus* Painter in Painter & Painter, 1963: 291. TYPE LOCALITY: Mexico (Yucatán) [H in USNM\*].  
DISTRIBUTION: **Neotropical**: Mexico (Oaxaca, Yucatán).

**ammophiloides**

*Systropus ammophiloides* Townsend, 1901: 159. TYPE LOCALITY: USA (New Mexico) [4S (destroyed) in CAS\* (see Painter & Painter, 1963: 296)].  
DISTRIBUTION: **Nearctic**: USA (Arizona, New Mexico).

**ancistrus**

*Systropus ancistrus* Yang & Yang, 1997: 1466. TYPE LOCALITY: China (Hubei) [H in CAU].  
DISTRIBUTION: **Palaeartic**: China (Hubei).

**angulatus**

*Cephenus angulatus* Karsch, 1880: 657. TYPE LOCALITY: USA (Texas) [H in ZMHB\*].  
DISTRIBUTION: **Nearctic**: USA (Texas).

**annulatus**

*Systropus annulatus* Engel, 1932b: 86. TYPE LOCALITY: “Südl. Syrien” [= Syria] [1S in SMNS; 1S in USNM\*; 1S in ZMHB\*].  
DISTRIBUTION: **Palaeartic**: Syria.

**aokii**

*Systropus aokii* Nagatomi, Liu, Tamaki & Evenhuis, 1991: 38. TYPE LOCALITY: Taiwan [H in ITLJ].  
DISTRIBUTION: **Oriental**: Taiwan.

**apiciflavus**

*Systropus apiciflavus* Yang, 2003: 230. TYPE LOCALITY: China (Fujian) [H in CAU].  
DISTRIBUTION: **Oriental**: China (Fujian).

**arizonicus**

*Systropus arizonicus* Banks, 1909: 18. TYPE LOCALITY: USA (Arizona) [2S in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Jalisco, Michoacán de Ocampo, Nuevo León), USA (Arizona).

**atratus**

*Systropus atratus* Macquart, 1846: 245(117). TYPE LOCALITY: “Patrie inconnue, mais probablement le cap [= ?South Africa (Western Cape)] [T in UNKN (originally in Robyns Collection, Brussels)].

DISTRIBUTION: **Afrotropical**: ?South Africa (Western Cape).

**aurantispinus**

*Systropus aurantispinus* Evenhuis, 1982a: 36. TYPE LOCALITY: China (Fujian) [H in BPBM\*].

DISTRIBUTION: **Oriental**: China (Fujian, Guangdong, Guangxi, Jiangxi, Yunnan, Zhejiang), Taiwan. **Palaeartic**: China (Henan).

*bakeri*

*Systropus bakeri* Bezzi in Rigato, 1995: 222. *Nomen nudum*.

**barbiellinii**

*Systropus barbiellinii* Bezzi, 1905: 273. TYPE LOCALITY: China (Beijing) [1S in MSNM].

DISTRIBUTION: **Oriental**: China (Guangdong), Taiwan. **Palaeartic**: China (Beijing, Shaanxi).

**barnardi**

*Systropus barnardi* Hesse, 1938: 1006. TYPE LOCALITY: South Africa (Western Cape) [3S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**basilaris**

*Systropus basilaris* Painter in Painter & Painter, 1963: 301. TYPE LOCALITY: Mexico (Veracruz-Llave) [H in USNM\*].

DISTRIBUTION: **Neotropical**: Mexico (Veracruz-Llave).

**bicoloripennis**

*Systropus bicoloripennis* Hesse, 1963b: 393. TYPE LOCALITY: South Africa (Western Cape) [19S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**bicornis**

*Systropus bicornis* Painter in Painter & Painter, 1963: 303. TYPE LOCALITY: Mexico (Jalisco) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Jalisco, Michoacán de Ocampo, Nayarit, Tamaulipas, Veracruz-Llave). **Neotropical**: Mexico (Oaxaca).

**blumei**

*Systropus blumei* Snellen van Vollenhoven, 1863a: 8 [1863b: 349]. TYPE LOCALITY: Indonesia (Java) [S in RMNH].

DISTRIBUTION: **Oriental**: Indonesia (Java).

**brasiliensis**

*Systropus brasiliensis* Macquart, 1847a: 55 [1847c: 71]. TYPE LOCALITY: “Brésil” [probably = Brazil] [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Brazil.

**brochus**

*Systropus brochus* Cui & Yang, 2010: 16. TYPE LOCALITY: China (Fujian) [H in CAU].

DISTRIBUTION: **Oriental:** China (Fujian), Taiwan. **Palaeartic:** China (Beijing, Shaanxi.)

**cantonensis**

*Cephenius cantonensis* Enderlein, 1926: 80. TYPE LOCALITY: China (Guangdong) [H in ZMHB\*].

DISTRIBUTION: **Oriental:** China (Guangdong).

**celebensis**

*Cephenius celebensis* Enderlein, 1926: 80. TYPE LOCALITY: “Nord-Celebes” [= Indonesia (Sulawesi)] [3S in ZMHB\*].

DISTRIBUTION: **Oriental:** Indonesia (Sulawesi).

**cerdo**

*Systropus cerdo* Osten Sacken, 1887a: 158. TYPE LOCALITY: Panama [H in BMNH\*].

DISTRIBUTION: **Neotropical:** Panama.

**changbaishanus**

*Systropus changbaishanus* Du, Yang, Yao & Yang, 2008: 3. TYPE LOCALITY: China (Jilin) [H in CAU].

DISTRIBUTION: **Palaeartic:** China (Jilin.)

**cheiron**

*Systropus cheiron* Bowden, 1967c: 159. TYPE LOCALITY: Uganda [H in JB].

DISTRIBUTION: **Afrotropical:** Uganda.

**chinensis**

*Systropus chinensis* Bezzi, 1905: 275. TYPE LOCALITY: China (Beijing) [H in MSNM].

*Systropus dolichochoetus* Yang & Du in Yang & Yang, 1995: 496. *Nomen nudum*.

*Systropus oestrus* Yang & Du in Yang & Yang, 1995: 496. *Nomen nudum*.

*Systropus dolichochoetus* Du & Yang, 2009: 317. TYPE LOCALITY: China (Beijing). [H in CAU].

*Systropus oestrus* Du & Yang, 2009: 318. TYPE LOCALITY: China (Beijing). [H in CAU].

DISTRIBUTION: **Oriental:** China (Fujian, Guangdong, Guizhou, Hunan, Zhejiang). **Palaeartic:** China (Beijing, Hebei, Henan, Shandong, Sichuan).

**coalitus**

*Systropus coalitus* Cui & Yang, 2010: 18. TYPE LOCALITY: China (Beijing) [H in CAU].

DISTRIBUTION: **Oriental:** China (Fujian, Zhejiang). **Palaeartic:** China (Beijing, Henan, Tianjin).

**columbianus**

*Cephenius columbianus* Karsch, 1880: 657. TYPE LOCALITY: Colombia [H in ZMHB\*].

DISTRIBUTION: **Neotropical:** Brazil (Pará), Colombia, Ecuador, Panama, Peru.

**concaucus**

*Systropus concaucus* Yang, 1998: 38. TYPE LOCALITY: China (Guizhou) [H in CAU].

DISTRIBUTION: **Palaeartic:** China (Guanxi, Guizhou, Zhejiang).

**conopoides**

*Systropus conopoides* Künckel d’Herculais, 1904: 1625 [1905: 147]. TYPE LOCALITY: Argentina [3S in NMW].

DISTRIBUTION: **Neotropical**: Argentina, Brazil, Paraguay, Uruguay, Venezuela.

**crinalis**

*Systropus crinalis* Du, Yang, Yao & Yang, 2008: 4. TYPE LOCALITY: China (Hunan) [H in CAU].

DISTRIBUTION: **Oriental**: China (Hunan).

**crudelis**

*Systropus crudelis* Westwood, 1876: 574. TYPE LOCALITY: “Nataliâ” [= South Africa (KwaZulu-Natal)] [3S in OUMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, South Africa (KwaZulu-Natal).

**cruentatus**

*Systropus cruentatus* Bowden, 1967c: 155. TYPE LOCALITY: Kenya [H in JB].

DISTRIBUTION: **Afrotropical**: Kenya.

**currani**

*Systropus currani* Carrera & d’Andretta, 1950: 300. TYPE LOCALITY: Brazil (São Paulo) [H in MZUSP].

DISTRIBUTION: **Neotropical**: Brazil (São Paulo).

**curvittatus**

*Systropus curvittatus* Du & Yang, 2009: 317. TYPE LOCALITY: China (Beijing) [H in CAU].

DISTRIBUTION: **Palearctic**: China (Beijing, Henan, Sichuan).

**cyanescens**

*Systropus cyanescens* Bezzi in Rigato, 1995: 222. *Nomen nudum*.

**cylindratus**

*Systropus cylindratus* Du, Yang, Yao & Yang, 2008: 14. TYPE LOCALITY: China (Yunnan) [H in CAU].

DISTRIBUTION: **Oriental**: China (Yunnan). **Palearctic**: China (Sichuan).

**daiyunshanus**

*Systropus daiyunshanus* Yang & Du in Yang & Yang, 1991 [June]: 81. *Nomen nudum*.

*Systropus daiyunshanus* Yang & Du, 1991 [December]: 67. TYPE LOCALITY: China (Fujian) [H in CAU].

DISTRIBUTION: **Oriental**: China (Fujian, Guangxi, Guizhou, Zhejiang).

**Palearctic**: China (Beijing, Henan).

**dashahensis**

*Systropus dashahensis* Du, Xu & Yang, 2005: 393. TYPE LOCALITY: China (Guizhou) [H in CAU].

DISTRIBUTION: **Oriental**: China (Guizhou).

**daveyi**

*Systropus daveyi* Bowden, 1967c: 169. TYPE LOCALITY: Nigeria [H in BMNH].

DISTRIBUTION: **Afrotropical**: Nigeria.

**denticulatus**

*Systropus denticulatus* Du, Yang, Yao & Yang, 2008: 8. TYPE LOCALITY: China (Yunnan) [H in CAU].

DISTRIBUTION: **Oriental:** China (Fujian, Yunnan). **Palaeartic:** China (Beijing, Henan, Shaanxi, Sichuan).

**dimidiatus**

*Systropus dimidiatus* Curran, 1942: 53. TYPE LOCALITY: Brazil (Mato Grosso) [H in AMNH\*].

DISTRIBUTION: **Neotropical:** Brazil (Mato Grosso, Santa Catarina).

**diremptus**

*Systropus diremptus* Enderlein, 1926: 90. TYPE LOCALITY: “Spanisch-Guinea” [= Equatorial Guinea] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical:** Equatorial Guinea.

**divulsus**

*Cephenius divulsus* Séguy, 1963a: 79. TYPE LOCALITY: China (Shaanxi) [H in MNHN\*].

DISTRIBUTION: **Palaeartic:** China (Shaanxi).

**doddi**

*Systropus doddi* Roberts, 1929: 555. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**dolorosus**

*Systropus dolorosus* Williston, 1901: 293. TYPE LOCALITY: Mexico (Jalisco) [L designated by Painter & Painter (1962: 48) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Jalisco).

**edwardsi**

*Systropus edwardsi* Brunetti, 1920: 294. TYPE LOCALITY: “Burma” [= Myanmar] [H in BMNH\*].

DISTRIBUTION: **Oriental:** Myanmar.

**eumenoides**

*Systropus eumenoides* Westwood, 1842: 4. TYPE LOCALITY: “septentrionalis Indiae orientalis” [= northern India] [H in BMNH\*].

DISTRIBUTION: **Oriental:** India.

**excisus** ssp. **excisus**

*Cephenius excisus* Enderlein, 1926: 81. TYPE LOCALITY: China (Guangdong) [19S in DEI\*; 3S in ZMHB\*].

*Systropus lanatus* Bezzi in Rohlfien & Ewald, 1980: 222 [*in* Rigato, 1995: 222]. *Nomen nudum*.

*Systropus dolichochoetus* Du & Yang, 2009: 316. TYPE LOCALITY: China (Jiangxi) [H in CAU]

DISTRIBUTION: **Oriental:** China (Fujian, Guangdong, Hunan, Jiangxi, Yunnan, Zhejiang), Taiwan. **Palaeartic:** China (Beijing, Hebei, Henan, Hubei, Jilin, Sichuan), Korea.

**excisus** ssp. **yaeyamensis**

*Systropus excisus* ssp. *yaeyamensis* Nagatomi, Liu, Tamaki & Evenhuis, 1991: 53.

TYPE LOCALITY: Japan (Ryukyus) [H in KUIC].

DISTRIBUTION: **Palaeartic:** Japan (Ryukyus).



**eurypterus**

*Systropus eurypterus* Du, Yang, Yao & Yang, 2008: 10. TYPE LOCALITY: China (Jiangxi) [H in CAU].

DISTRIBUTION: **Oriental:** China (Jiangxi). **Palaeartic:** China (Hebei, Henan).

**exsuccus**

*Cephenius exsuccus* Séguy, 1963a: 79. TYPE LOCALITY: China (Shaanxi) [H in MNHN\*].

DISTRIBUTION: **Oriental:** China (Guangdong). **Palaeartic:** China (Shaanxi).

**fadillus**

*Cephenius fadillus* Séguy, 1963b: 151. TYPE LOCALITY: China (Shaanxi) [2S in MNHN\*].

DISTRIBUTION: **Palaeartic:** China (Shaanxi).

**faenoides**

*Systropus faenoides* Westwood, 1842: 3. TYPE LOCALITY: “Mexico” [probably = Mexico (Veracruz-Llave)] [H in OUMNH\*].

*Sistrophus funereus* Costa, 1864b: 152. TYPE LOCALITY: Not given [probably = Mexico (Veracruz-Llave)] [H in MZUN].

*Systropus foenoides* Painter & Painter, 1963: 311 (unjustified emendation of *Systropus faenoides* Westwood, 1835).

DISTRIBUTION: **Nearctic:** Mexico (Veracruz-Llave). **Neotropical:** Costa Rica.

**femoratus**

*Cephenus femoratus* Karsch, 1880: 658. TYPE LOCALITY: Brazil (Minas Gerais) [L designated by Painter & Painter (1974: 74) in ZMHB\*].

DISTRIBUTION: **Neotropical:** Brazil (Minas Gerais, Paraná, São Paulo).

**flavalatus**

*Systropus flavalatus* Yang & Yang, 1995: 487. TYPE LOCALITY: China (Zhejiang) [H in CAU].

DISTRIBUTION: **Oriental:** China (Zhejiang).

**flavicornis**

*Cephenius flavicornis* Enderlein, 1926: 79. TYPE LOCALITY: China (Guangdong) [2S in ZMHB\*].

DISTRIBUTION: **Oriental:** China (Fujian, Guangdong, Guangxi), Taiwan. **Palaeartic:** China (Henan, Hubei, Shaanxi, Sichuan).

**flavicoxa**

*Cephenius flavicoxa* Enderlein, 1926: 79. TYPE LOCALITY: “Borneo” [H in ZMHB\*].

DISTRIBUTION: **Oriental:** “Borneo”.

**flavipectus**

*Cephenius flavipectus* Enderlein, 1926: 85. TYPE LOCALITY: India (Sikkim) [H in ZMHB\*].

DISTRIBUTION: **Oriental:** China (Yunnan), India (Sikkim), Thailand.

**flavipleura**

*Systropus flavipleura* Brunetti, 1920: 295. TYPE LOCALITY: “Assam” [= India (Meghalaya)] [H in BMNH\*].

DISTRIBUTION: **Oriental:** India (Meghalaya, Sikkim), Malaysia (Peninsular).

**flavoornatus**

*Systropus flavoornatus* Roberts, 1929: 554 (as “*flavo-ornatus*”). TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**formosanus**

*Cephenius formosanus* Enderlein, 1926: 77. TYPE LOCALITY: “Formosa” [= Taiwan] [H in ZMHB\*].

*Cephenius formosanus* Bezzi in Hennig, 1941: 68 [in Rohlfien & Ewald, 1980: 224].

*Nomen nudum*. [Preoccupied by Enderlein, 1926.]

DISTRIBUTION: **Oriental**: Taiwan. **Palaeartic**: Japan.

**fudingensis**

*Systropus fudingensis* Yang, 1998: 37. TYPE LOCALITY: China (Guizhou) [H in CAU].

DISTRIBUTION: **Oriental**: China (Fujian, Guangxi, Guizhou, Zhejiang). **Palaeartic**: (Beijing, Sichuan)

**fujianensis**

*Systropus fujianensis* Yang & Yang, 2003: 37. TYPE LOCALITY: China (Fujian) [H in CAU].

DISTRIBUTION: **Oriental**: China (Fujian, Guangdong, Guangxi, Guizhou, Yunnan, Zhejiang). **Palaeartic**: (Henan)

**fumipennis**

*Systropus fumipennis* Westwood, 1842: 3. TYPE LOCALITY: “Brasilia” [= Brazil or Uruguay] [H in OUMNH\*].

*Systropus niger* Walker, 1849: 1154. TYPE LOCALITY: “Brazil” [= Brazil or Uruguay] [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Paraná, Rio de Janeiro, Santa Catarina, São Paulo).

**fumosus**

*Systropus fumosus* Hesse, 1938: 1019. TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique.

**furcatus**

*Cephenius furcatus* Enderlein, 1926: 77. TYPE LOCALITY: Indonesia (Sumatra) [2S in ZMHB\*].

DISTRIBUTION: **Oriental**: Indonesia (Sumatra).

**ganquananus**

*Systropus ganquananus* Du, Yang, Yao & Yang, 2008: 5. TYPE LOCALITY: China (Shaanxi) [H in CAU].

DISTRIBUTION: **Oriental**: China (Zhejiang). **Palaeartic**: China (Shaanxi).

**gansuanus**

*Systropus gansuanus* Du, Yang, Yao & Yang, 2008: 15. TYPE LOCALITY: China (Gansu) [H in CAU].

DISTRIBUTION: **Oriental**: China (Yunnan). **Palaeartic**: (Beijing, Gansu, Hubei).

**geijskei**

*Systropus geijskei* Curran, 1942: 52. TYPE LOCALITY: Suriname [H in AMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Minas Gerais, Santa Catarina, São Paulo), Suriname.

**gracilis**

*Cephenius gracilis* Enderlein, 1926: 83. TYPE LOCALITY: India (Sikkim) [H in ZMHB\*].  
DISTRIBUTION: **Oriental:** India (Sikkim).

**guiyangensis**

*Systropus guiyangensis* Yang, 1998: 38. TYPE LOCALITY: China (Guizhou) [H in CAU].  
*guyangensis*, incorrect original spelling of *guiyangensis* (Yang, 1998: 36)  
DISTRIBUTION: **Palaeartic:** China (Guizhou).

**guizhouensis**

*Systropus guizhouensis* Yang & Yang, 1991: 83. TYPE LOCALITY: China (Guizhou) [H in CAU].  
DISTRIBUTION: **Palaeartic:** China (Guizhou).

**gutianshanus**

*Systropus gutianshanus* Yang, 1995: 232. TYPE LOCALITY: China (Zhejiang) [H in CAU].  
DISTRIBUTION: **Oriental:** China (Zhejiang).

**henanus**

*Systropus henanus* Yang & Yang, 1998: 90. TYPE LOCALITY: China (Henan) [H in CAU].  
DISTRIBUTION: **Palaeartic:** China (Henan).

**hessei**

*Systropus hessei* François, 1954: 1. TYPE LOCALITY: Burundi [H in KBIN\*].  
DISTRIBUTION: **Afrotropical:** Burundi.

**hirtulus**

*Systropus hirtulus* Bowden, 1967c: 154. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].  
DISTRIBUTION: **Afrotropical:** Malawi, Tanzania.

**holaspis**

*Systropus holaspis* Speiser, 1914: 6. TYPE LOCALITY: Cameroon [H (destroyed) in PSPC (see Evenhuis, 1997: 741–42)].  
*Symballa cuspidicauda* Enderlein, 1930: 67. TYPE LOCALITY: Cameroon [L designated by Bowden (1967c: 164) in ZMHB\*].  
DISTRIBUTION: **Afrotropical:** Cameroon, Equatorial Guinea.

**hoppo**

*Systropus hoppo* Matsumura, 1916: 285. TYPE LOCALITY: Taiwan [2S in EIHU].  
*Systropus tetractylus* Evenhuis, 1982a: 33. TYPE LOCALITY: Taiwan [H in BPBM\*].  
*Systropus beijinganus* Du & Yang, 2009: 315. TYPE LOCALITY: China (Beijing) [H in CAU].  
DISTRIBUTION: **Oriental:** China (Fujian, Guangdong, Jiangxi, Yunnan, Zhejiang), Taiwan. **Palaeartic:** China (Beijing, Henan, Shandong, Sichuan).

**hubeianus**

*Systropus hubeianus* Du, Yang, Yao & Yang, 2008: 7. TYPE LOCALITY: China (Hubei) [H in CAU].  
DISTRIBUTION: **Oriental:** China (Zhejiang). **Palaeartic:** China (Henan, Hubei).

**indagatus**

*Cephenius indagatus* Séguy, 1963b: 153. TYPE LOCALITY: China (Shanxi) [2S in MNHN].  
DISTRIBUTION: **Palaeartic:** China (Shanxi).

**interlitus**

*Cephenius interlitus* Séguy, 1963a: 80. TYPE LOCALITY: China (Sichuan) [2S in MNHN\*].

DISTRIBUTION: **Palaeartic**: China (Sichuan).

**jactator**

*Systropus jactator* Bowden, 1967c: 163. TYPE LOCALITY: Uganda [H in JB].

DISTRIBUTION: **Afrotropical**: Uganda.

**jianyanganus**

*Systropus jianyanganus* Yang & Du, 1991: 69. TYPE LOCALITY: China (Fujian) [H in CAU].

DISTRIBUTION: **Oriental**: China (Fujian).

**joni**

*Systropus joni* Nagatomi, Liu, Tamaki & Evenhuis, 1991: 63. TYPE LOCALITY: Korea [H in BPBM\*].

DISTRIBUTION: **Palaeartic**: China (Henan), Korea.

**kangxianus**

*Systropus kangxianus* Du, Yang, Yao & Yang, 2008: 9. TYPE LOCALITY: China (Gansu) [H in CAU].

DISTRIBUTION: **Oriental**: China (Yunnan). **Palaeartic**: China (Beijing, Gansu, Henan, Hubei, Sichuan).

**lanei**

*Systropus lanei* Carrera & d'Andretta, 1950: 310. TYPE LOCALITY: Brazil (São Paulo) [H in MZUSP].

DISTRIBUTION: **Neotropical**: Brazil (São Paulo).

**laqueatus**

*Cephenius laqueatus* Enderlein, 1926: 83. TYPE LOCALITY: China (Guangdong) [H in ZMHB\*].

DISTRIBUTION: **Oriental**: Bhutan, China (Guangdong), Vietnam. **Palaeartic**: China (Shaanxi).

**leptogaster**

*Systropus leptogaster* Loew, 1860a: 87 [1860b: 272; 1860c: 200]. TYPE LOCALITY: "Caffraria" [= South Africa (Eastern Cape)] [H in NHRS].

*Systropus clavatus* Karsch, 1880: 657. TYPE LOCALITY: "Prom. bon. spec." [= South Africa (Western Cape)] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**leucoproctus**

*Systropus leucoproctus* Bowden, 1967c: 153. TYPE LOCALITY: Kenya [H in JB].

DISTRIBUTION: **Afrotropical**: Kenya.

**limacodidarum**

*Systropus limacodidarum* Enderlein, 1926: 89. TYPE LOCALITY: Madagascar [20S in ZMHB\*; 2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Madagascar.

**limbatus**

*Cephenius limbatus* Enderlein, 1926: 77. TYPE LOCALITY: India (Sikkim) & China (Guangdong) [1S in BMNH\*; 7S in ZMHB\*].

DISTRIBUTION: **Oriental**: China (Guangdong), India (Sikkim, West Bengal), Nepal. **Palaeartic**: China (Shaanxi), Russia (FE).

**liuae**

*Systropus liuae* Nagatomi, Tamaki & Evenhuis, 2000: 16. TYPE LOCALITY: Japan [H in NMST\*].

DISTRIBUTION: **Oriental:** Taiwan. **Palaeartic:** Japan.

**lugubris**

*Systropus lugubris* Osten Sacken, 1887a: 159. TYPE LOCALITY: “Mexico” [probably = Veracruz-Llave] [H in MRSN].

DISTRIBUTION: **Nearctic:** Mexico (Veracruz-Llave).

**luridus**

*Systropus luridus* Zaitzev, 1977b: 136. TYPE LOCALITY: Russia (FE) [H in ZIS].

DISTRIBUTION: **Palaeartic:** China (Jilin), Japan, Russia (FE).

**macer**

*Systropus macer* Loew, 1863d: 305 [1864: 189]. TYPE LOCALITY: USA (Pennsylvania) [L designated by Evenhuis (1982b: 9) in MCZ\*].

*Cephenus infuscatus* Karsch, 1880: 657. TYPE LOCALITY: USA (Texas) [H in ZMHB\*].

*Cephenus imbecillus* Karsch, 1880: 658. TYPE LOCALITY: USA (Georgia) [H in ZMHB\*].

DISTRIBUTION: **Nearctic:** Canada (Ontario), USA (Georgia, Massachusetts, New Hampshire, Pennsylvania, Texas).

**macilentus**

*Systropus macilentus* Wiedemann, 1820: 19. TYPE LOCALITY: “Promontorio bon. spei” [= South Africa (Western Cape)] [1S in ZMUC].

*Systropus attenuatus* Macquart, 1834: pl. 9. TYPE LOCALITY: Not given [= South Africa (Western Cape)] [H in MNVL].

*Systropus capensis* Philippi, 1865: 654. TYPE LOCALITY: Not given [= South Africa (Western Cape)] [T (lost?) in MNNC (see Note 22)].

*Systropus miobrochus* Speiser, 1910: 77. TYPE LOCALITY: “Cap” [= South Africa (Western Cape) (see Macquart, 1840: 116 [1841: 394]) [H in MNHN\* (under the name *S. macilentus* Wied.)].

DISTRIBUTION: **Afrotropical:** South Africa (Eastern Cape, Western Cape).

**maoi**

*Systropus maoi* Du, Yang, Yao & Yang, 2008: 11. TYPE LOCALITY: China (Jiangxi) [H in CAU].

DISTRIBUTION: **Oriental:** China (Guizhou, Hunan, Jiangxi, Zhejiang).

**Palaeartic:** China (Henan, Hubei, Sichuan).

**mars**

*Systropus mars* Curran, 1942: 51. TYPE LOCALITY: Argentina [H in AMNH\*].

DISTRIBUTION: **Neotropical:** Argentina.

**melanocerus**

*Systropus melanocerus* Du, Yang, Yao & Yang, 2008: 6. TYPE LOCALITY: China (Hubei) [H in CAU].

DISTRIBUTION: **Oriental:** China (Yunnan). **Palaeartic:** China (Hubei).

**melli**

*Cephenus melli* Enderlein, 1926: 80. TYPE LOCALITY: China (Guangdong) [H in ZMHB\*].

DISTRIBUTION: **Oriental:** China (Fujian, Guangdong, Guizhou, Shaanxi, Zhejiang).

**microstropus**

*Systropus microstropus* Evenhuis, 1982a: 35. TYPE LOCALITY: China (Fujian) [H in BPBM\*].

DISTRIBUTION: **Oriental:** China (Fujian).

**montivagus**

*Cephenius montivagus* Séguy, 1963b: 153. TYPE LOCALITY: China (Shanxi) [H in MNHN\*].

DISTRIBUTION: **Palaeartic:** China (Shanxi).

**mucronatus**

*Cephenius mucronatus* Enderlein, 1926: 82. TYPE LOCALITY: India (Sikkim) [2S in ZMHB\*].

DISTRIBUTION: **Oriental:** India (Sikkim), Nepal.

**munroi**

*Systropus munroi* Hesse, 1938: 1010. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical:** South Africa (Gauteng, Mpumalanga).

**namaquensis**

*Systropus namaquensis* Hesse, 1938: 1006. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

**nigripes**

*Systropus nigripes* Painter in Painter & Painter, 1963: 320. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Morelos). **Neotropical:** Costa Rica.

**nigritarsis**

*Cephenius nigritarsis* Enderlein, 1926: 79. TYPE LOCALITY: China (Guangxi) [H in ZMHB\*].

DISTRIBUTION: **Oriental:** China (Guangxi).

**nitidus**

*Systropus nitidus* Wiedemann, 1830: 641. TYPE LOCALITY: "Brasilien" [= Brazil or Uruguay] [H in ZMHB\*].

DISTRIBUTION: **Neotropical:** Brazil (Amapá, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Pará, Paraná, Rio de Janeiro, Santa Catarina, São Paulo).

**nitobei**

*Systropus nitobei* Matsumura, 1916: 287. TYPE LOCALITY: Japan [3S in EIHU].

DISTRIBUTION: **Palaeartic:** China (Yunnan), Japan, Korea.

**numeratus**

*Systropus numeratus* Meijere, 1915: vii [1916: 73]. TYPE LOCALITY: Indonesia (Sumatra) [H in ZMAN].

DISTRIBUTION: **Oriental:** Indonesia (Sumatra).

**oldroydi**

*Systropus oldroydi* Carrera & d'Andretta, 1950: 314. TYPE LOCALITY: Brazil (Santa Catarina) [H in MZUSP].

DISTRIBUTION: **Neotropical:** Brazil (Santa Catarina).

**ophioneus**

*Systropus ophioneus* Westwood, 1850: 233. TYPE LOCALITY: “India Oriental” [= India] [H in OUMNH\*].

*Systropus nigricaudus* Brunetti, 1909a: 483. TYPE LOCALITY: Nepal [H in BMNH\*].  
DISTRIBUTION: **Oriental:** India (Assam, Meghalaya, Sikkim, Uttar Pradesh, West Bengal), Nepal.

**paloides**

*Systropus paloides* Painter in Painter & Painter, 1963: 321. TYPE LOCALITY: Mexico (Tamaulipas) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (México, Nuevo León, San Luis Potosí, Tamaulipas, Veracruz-Llave). **Neotropical:** Mexico (Oaxaca).

**polistoides**

*Systropus polistoides* Westwood, 1876: 575. TYPE LOCALITY: “Chantibon, Siam” [= Thailand] [H in BMNH\*].

DISTRIBUTION: **Oriental:** Thailand. **Palaearctic:** China (Nei Monggol), Mongolia.

**pulcher**

*Systropus pulcher* Williston, 1901: 294. TYPE LOCALITY: Mexico (Guerrero) [4S in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos).

**quadrinotatus**

*Systropus quadripunctatus* Séguy, 1934c: 73. TYPE LOCALITY: Madagascar [3S in MNHN\*]. [Preoccupied by Williston, 1901.]

*Systropus quadrinotatus* Bowden, 1967c: 163. TYPE LOCALITY: Madagascar [H in JB].

*Systropus elegans* Hull, 1973: 248 (new replacement name for *Systropus quadripunctatus* Séguy, 1934).

DISTRIBUTION: **Afrotropical:** Madagascar.

**quadripunctatus**

*Systropus quadripunctatus* Williston, 1901: 293. TYPE LOCALITY: Mexico (Yucatán) [H in BMNH\*].

DISTRIBUTION: **Neotropical:** Mexico (Yucatán).

**repertus**

*Systropus repertus* Carrera & d’Andretta, 1950: 306. TYPE LOCALITY: Brazil (São Paulo) [H in ZMSP].

DISTRIBUTION: **Neotropical:** Brazil (Santa Catarina, São Paulo).

*rhodesianus*

*Systropus rhodesianus* Hesse in Hull, 1973: 248. *Nomen nudum*.

**roepkei**

*Systropus roepkei* Meijere, 1914b: 137. TYPE LOCALITY: Indonesia (Java) [H in ZMAN].

DISTRIBUTION: **Oriental:** Indonesia (Java, Sumatra), Singapore.

**rogersi**

*Systropus rogersi* Osten Sacken, 1887a: 158. TYPE LOCALITY: Costa Rica [3S in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Morelos). **Neotropical**: Costa Rica.

**rottensis**<sup>†</sup>

*Systropus rottensis* Meunier, 1917: 9. TYPE LOCALITY: Germany (Oligocene) [C] [H in BPCS].

DISTRIBUTION: **Palaearctic**: Germany (Oligocene).

**ruffemur**

*Systropus ruffemur* Enderlein, 1926: 86. TYPE LOCALITY: Equatorial Guinea [L designated by Bowden (1967c: 166) in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Cameroon, Equatorial Guinea, Ghana.

**rufiventris**

*Systropus rufiventris* Osten Sacken, 1887a: 159. TYPE LOCALITY: “Mexico” [probably = Mexico (Veracruz-Llave)] [L designated by Painter & Painter (1963: 329) in MRSN].

DISTRIBUTION: **Nearctic**: Mexico (Morelos, Veracruz-Llave).

**sallei**

*Sistropus sallei* Costa, 1864a: 88. *Nomen nudum*.

*Sistropus sallei* Costa, 1864b: 151. TYPE LOCALITY: Not given [= Mexico] [H in MZUN].

DISTRIBUTION: **Nearctic**: Mexico (Puebla, San Luis Potosí, Veracruz-Llave).

**sanguineus**

*Systropus sanguineus* Bezzi, 1921a: 103. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

*Coptopelma schineri* Enderlein, 1926: 70 [valid by bibliographic reference to Schiner (1868: 134)]. TYPE LOCALITY: “vom Cap” [= South Africa (Western Cape)] [H in NMW (under “*S. macilentus* Wied.”)].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**saphus**

*Systropus saphus* Lachaise & Bowden, 1976: 320. TYPE LOCALITY: Ivory Coast [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: Ivory Coast.

**sauteri**

*Cephenius sauteri* Enderlein, 1926: 82. TYPE LOCALITY: “Formosa” [= Taiwan] [1S in BMNH\*; 5S in ZMHB\*].

*Cephenius sauteri* Bezzi in Hennig, 1941: 68 [*in* Rohlfien & Ewald, 1980: 224]. *Nomen nudum*. [Preoccupied by Enderlein, 1926.]

DISTRIBUTION: **Oriental**: Taiwan.

**semialbus**

*Systropus semialbus* Painter *in* Painter & Painter, 1963: 334. TYPE LOCALITY: Mexico (Nuevo León) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Nuevo León, San Luis Potosí).

**sericeus**

*Systropus sericeus* Bezzi, 1924a: 124. TYPE LOCALITY: “Ashanti” [= Ghana] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ghana.



**serratus**

*Systropus serratus* Yang & Yang, 1995: 496. TYPE LOCALITY: China (Zhejiang) [H in CAU].

DISTRIBUTION: **Oriental:** China (Yunnan, Zhejiang). **Palaeartic:** China (Beijing, Henan).

**shennonganus**

*Systropus serratus* Du, Yang, Yao & Yang, 2008: 12. TYPE LOCALITY: China (Hubei) [H in CAU].

DISTRIBUTION: **Oriental:** China (Yunnan). **Palaeartic:** China (Hubei).

**sheppardi**

*Systropus sheppardi* Hesse, 1963b: 397. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC].

*Systropus rubripes* Bowden, 1967c: 150. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Malawi, Zimbabwe.

**sikkimensis**

*Cephenius sikkimensis* Enderlein, 1926: 78. TYPE LOCALITY: India (Sikkim) [2S in ZMHB\*].

DISTRIBUTION: **Oriental:** China, India (Sikkim).

**silvestrii**

*Systropus silvestrii* Bezzi, 1914: 283. TYPE LOCALITY: Nigeria [2S in MSNM].

*Cephenius subcingulatus* Enderlein, 1926: 88. TYPE LOCALITY: Cameroon [L designated by Bowden (1967c: 157) in ZMHB\*].

*Systropus silvestrii* ssp. *bezzii* Silvestri in Rigato, 1995: 222. *Nomen nudum*.

DISTRIBUTION: **Afrotropical:** Cameroon, Nigeria.

**similis**

*Systropus similis* Williston, 1901: 294. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 49) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero).

**snowi**

*Systropus snowi* Adams, 1905: 156. TYPE LOCALITY: Zimbabwe [4S in USNM\*; 14S in SEMC].

DISTRIBUTION: **Afrotropical:** Malawi, Zimbabwe.

**sphegoides**

*Systropus sphegoides* Walker, 1859: 113. TYPE LOCALITY: Philippines [H in BMNH\*].

*Systropus sphegoides* Bezzi, 1905: 268 (unjustified emendation of *Systropus sphegoides* Walker, 1859).

DISTRIBUTION: **Oriental:** Philippines.

**studyi**

*Systropus studyi* Enderlein in Study, 1926: 426. TYPE LOCALITY: China (Guangdong) [2S in BMNH\*; 8S in ZMHB\*; S in ZFMK].

DISTRIBUTION: **Oriental:** China (Guangdong), Vietnam.

**submixtus**

*Cephenius submixtus* Séguy, 1963a: 80. TYPE LOCALITY: China (Shandong) [H in MNHN\*].

DISTRIBUTION: **Oriental:** China (Fujian, Zhejiang). **Palaeartic:** China (Beijing, Hebei, Henan, Shandong).

**suzukii**

*Systropus suzukii* Matsumura, 1916: 286. TYPE LOCALITY: Japan [H in EIHU].

DISTRIBUTION: **Palaeartic**: Japan, Korea.

**syscius**

*Systropus syscius* Bowden, 1967c: 151. TYPE LOCALITY: Mozambique [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Mozambique.

**tessellatus**

*Systropus tessellatus* Snellen van Vollenhoven, 1863a: 9 [1863b: 350]. TYPE LOCALITY: Indonesia (Sumatra) [S in RMNH].

DISTRIBUTION: **Oriental**: Indonesia (Sumatra).

**thyriptilotus**

*Systropus thyriptilotus* Yang, 1995: 232. TYPE LOCALITY: China (Zhejiang) [H in CAU].

DISTRIBUTION: **Oriental**: China (Zhejiang).

**tipuloides**

*Systropus tipuloides* Westwood, 1876: 576. TYPE LOCALITY: “insulâ Sula Malayanâ” [= Indonesia (Maluku)] [H in OUMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku).

**tricuspidatus**

*Systropus tricuspidatus* Yang, 1995: 230. TYPE LOCALITY: China (Zhejiang) [H in CAU].

DISTRIBUTION: **Oriental**: China (Fujian, Guanxi, Yunnan, Zhejiang). **Palaeartic**: China (Hubei, Tianjin).

**tricuspis**

*Cephenius tricuspis* Enderlein, 1926: 83. TYPE LOCALITY: Indonesia (Sumatra) [2S in ZMHB\*].

DISTRIBUTION: **Oriental**: Indonesia (Sumatra).

**tripunctatus**

*Systropus tripunctatus* Zaitzev, 1977b: 133. TYPE LOCALITY: Russia (FE) [H in ZIS].

*Systropus bifurcus* Evenhuis, 1982a: 37. TYPE LOCALITY: China (Jilin) [H in BPBM\*].

DISTRIBUTION: **Oriental**: China (Guangxi, Guizhou). **Palaeartic**: China (Jilin, Sichuan), Korea, Russia (FE).

**trispinosus**

*Systropus trispinosus* Bezzi, 1924a: 117 (key only). TYPE LOCALITY: Not given [= Malawi (from type specimen label data)] [1S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**udei**

*Cephenius udei* Enderlein, 1926: 84. TYPE LOCALITY: Indonesia (Sumatra) [3S in ZMHB\*].

DISTRIBUTION: **Oriental**: Indonesia (Sumatra).

**valdezi**

*Systropus valdezi* Bezzi, 1917: 126. TYPE LOCALITY: Philippines [2S in MSNM].

DISTRIBUTION: **Oriental**: Philippines.

**varipes**

*Systropus varipes* Edwards, 1919: 36. TYPE LOCALITY: Indonesia (Sumatra) [H in BMNH\*].

DISTRIBUTION: **Oriental:** Indonesia (Sumatra).

**vicinus**

*Systropus vicinus* Painter in Painter & Painter, 1963: 339. TYPE LOCALITY: Mexico (Veracruz-Llave) [H in CAS].

DISTRIBUTION: **Nearctic:** Mexico (Veracruz-Llave).

**violacescens**

*Cephenius violacescens* Enderlein, 1926: 78. TYPE LOCALITY: Indonesia (Sumatra) [H in ZMHB\*].

*violascens*, error for *violacescens*.

DISTRIBUTION: **Oriental:** Indonesia (Sumatra), Philippines.

**vitalisianus**

*Systropus vitalisianus* Bezzi in Rigato, 1995: 222. *Nomen nudum*.

**willistoni**

*Systropus willistoni* Curran, 1942: 53. TYPE LOCALITY: Brazil (Mato Grosso) [H in AMNH\*].

DISTRIBUTION: **Neotropical:** Brazil (Mato Grosso, São Paulo), Venezuela.

**xanthinus**

*Systropus xanthinus* Painter in Painter & Painter, 1963: 343. TYPE LOCALITY: Guatemala [H in USNM\*].

DISTRIBUTION: **Neotropical:** Costa Rica, Guatemala.

**xingshanus**

*Systropus xingshanus* Yang & Yang, 1997: 1467. TYPE LOCALITY: China (Hubei) [H in CAU].

DISTRIBUTION: **Palaearctic:** China (Hubei).

**xylochus**

*Systropus xylochus* Lachaise & Bowden, 1976: 323. TYPE LOCALITY: Ivory Coast [H in MNHN\*].

DISTRIBUTION: **Afrotropical:** Ivory Coast.

**ypsilus**

*Systropus ypsilus* Du, Yang, Yao & Yang, 2008: 13. TYPE LOCALITY: China (Zhejiang) [H in CAU].

*Systropus yspilus*: error for *ypsilus* (Yang, Yao & Cui, 2014: 386).

DISTRIBUTION: **Oriental:** China (Guangdong, Henan, Zhejiang).

**yunnanus**

*Systropus yunnanus* Du, Yang, Yao & Yang, 2008: 14. TYPE LOCALITY: China (Yunnan) [H in CAU].

DISTRIBUTION: **Oriental:** China (Yunnan).

**zhaotonganus**

*Systropus zhaotonganus* Yang, Yao & Cui, 2014: 388. TYPE LOCALITY: China (Yunnan) [H in CAU].

DISTRIBUTION: **Oriental:** China (Yunnan).

**zuluensis**

*Systropus zuluensis* Hesse, 1938: 1018. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

Subgenus **TEINOPELMUS** Bowden

**TEINOPELMUS** Bowden, 1967c: 137. Type species: *Systropus rugosus* Bezzi, 1924, by original designation.

**buettneri**

*Cephenius buettneri* Enderlein, 1926: 87 (as “*Büttneri*”). TYPE LOCALITY: “Togo” [= Ghana (see Bowden, 1967c: 140)] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Ghana.

**hesseanus**

*Systropus gracilis* Hesse, 1963b: 398. TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [H in SAMC]. [Preoccupied by Enderlein, 1926.]

*Systropus hesseanus* Evenhuis & Greathead, 1999: 68 (new replacement name for *Systropus gracilis* Hesse, 1963).

DISTRIBUTION: **Afrotropical**: Mozambique.

**ichneumoniformis**

*Systropus ichneumoniformis* Hesse, 1958: 70. TYPE LOCALITY: Congo [H in MRAC].

DISTRIBUTION: **Afrotropical**: Congo.

**nandinus**

*Systropus nandinus* Bowden, 1967c: 141. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**rufidulus**

*Systropus rufidulus* Bowden, 1962b: 50. TYPE LOCALITY: Ghana [H in MRAC].

DISTRIBUTION: **Afrotropical**: Congo, Equatorial Guinea, Ghana, Sierra Leone.

**rugosus**

*Systropus rugosus* Bezzi, 1924a: 123. TYPE LOCALITY: “Ashanti” [= Ghana] [3S in BMNH\*].

*Cephenius tenuis* Enderlein, 1926: 87. TYPE LOCALITY: “Spanisch-Guinea” [= Equatorial Guinea] [H in ZMHB\*].

*tenuis*, error for *tenuis*.

DISTRIBUTION: **Afrotropical**: Equatorial Guinea, Ghana, Sierra Leone, Togo.

Genus **ZACLAVA** Hull

**ZACLAVA** Hull, 1973: 250. Type species: *Systropus clavifemoratus* Hardy, 1921, by original designation.

**clavifemorata**

*Systropus clavifemoratus* Hardy, 1921: 61. TYPE LOCALITY: Australia (NSW) [T in UNKN].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**kraussi**

*Zaclava kraussi* Evenhuis, 1979a: 87. TYPE LOCALITY: New Caledonia (Loyalty Is) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: New Caledonia (Loyalty Is, New Caledonia).

**minima**

*Dolichomyia minima* Roberts, 1929: 557. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**occidentis**

*Dolichomyia occidentis* Roberts, 1929: 557. TYPE LOCALITY: Australia (WA) [H (lost) in MAMU].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

TRIBE **TOXOPHORINI** SCHINERGenus **TOXOPHORA** Meigen

**TOXOPHORA** Meigen, 1803: 270. Type species: *Toxophora maculata* Meigen, 1804 [preoccupied, = *Asilus fasciculatus* Villers, 1789], by subsequent monotypy (Meigen, 1804: 273).

*ENICONEVRA* Macquart, 1840: 110 [1841: 388]. Type species: *Eniconevra fuscipennis* Macquart, 1840, by monotypy.

*HENICONEVRA* Agassiz, 1846b: 138, 178 (unjustified emendation of *Eniconevra* Macquart), 1840. Type species: *Eniconevra fuscipennis* Macquart, 1840, automatic.

*HENICONEURA* Bezzi, 1903: 189 (unjustified emendation of *Eniconevra* Macquart, 1840). Type species: *Eniconevra fuscipennis* Macquart, 1840, automatic.

*TOXOMYIA* Hull, 1973: 232 (as subgenus of *Toxophora* Meigen). Type species: *Toxophora maxima* Coquillett, 1886, by original designation.

*ENICOCERA*, error for *ENICONEVRA*.

**aegyptiaca**

*Toxophora aegyptiaca* Efflatoun, 1945: 187. TYPE LOCALITY: Egypt & Sudan [15 S in ECF; 10S in ESEC].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt, Oman, Saudi Arabia.

**albivittata**

*Toxophora albivittata* Bowden, 1964a: 55. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana, Ivory Coast.

*albonotata*

*Toxophora albonotata* Loew in Alayo & Garcia Avila, 1983: 52. *Nomen nudum*.

**americana**

*Toxophora americana* Guérin-Méneville, 1835: pl. 95, fig. 1 [1844: 537]. TYPE LOCALITY: Not given [= “Amérique du nord” (see Guérin-Méneville, 1844: 537)] [T in UNKN].

DISTRIBUTION: **Nearctic**: “Amérique du nord”.

**amicula**

*Toxophora amicula* Séguéy, 1930a: 535. TYPE LOCALITY: Argentina [H in MNHN\*].  
DISTRIBUTION: **Neotropical**: Argentina.

**amphitea**

*Toxophora amphitea* Walker, 1849: 298. TYPE LOCALITY: USA (Texas) [H in BMNH\*].  
*Toxophora fucata* Osten Sacken, 1877: 267. *Nomen nudum*.  
DISTRIBUTION: **Nearctic**: Canada (Ontario), Mexico (Guerrero, Sonora), USA (District of Columbia, Florida, Maryland, Missouri, Texas).

**angusta**

*Toxophora turkestanica* var. *angusta* Paramonov, 1933c: 42, 45. TYPE LOCALITY: Uzbekistan & Turkmenistan [S in SIZK; 13S in ZIS; 3S in ZMHB\*].  
DISTRIBUTION: **Palaearctic**: Tajikistan, Turkmenistan, Uzbekistan.

**aurea**

*Toxophora aurea* Macquart, 1848: 197(37). TYPE LOCALITY: Brazil (Paraná) [H in BMNH\*].  
*Toxophora aurifera* Rondani, 1848: 98. TYPE LOCALITY: “Brasiliani” [= Brazil or Uruguay] [H in MZUN].  
*Toxophora dryitis* Séguéy, 1930a: 532. TYPE LOCALITY: French Guiana [3S in MNHN\*].  
*Toxophora verona* Curran, 1934a: 363. TYPE LOCALITY: Guyana [H in AMNH\*].  
DISTRIBUTION: **Neotropical**: Brazil (Acre, Amapá, Amazonas, Distrito Federal, Mato Grosso, Pará, Paraná, Rio de Janeiro, Roraima, São Paulo), French Guiana, Guyana.

**australis**

*Toxophora australis* Hesse, 1938: 1044. TYPE LOCALITY: South Africa (Western Cape) [1S in NMSA\*; 17S in SAMC].  
DISTRIBUTION: **Afrotropical**: Lesotho, Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

**azteca**

*Toxophora azteca* Cunha, Lamas & Couri, 2011: 53. TYPE LOCALITY: Mexico [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Chiapas, Colima, Guerrero, Morelos, Oaxaca, Nayarít, Puebla, Sinaloa). **Neotropical**: Nicaragua.

**bezzii**

*Toxophora bezzii* Paramonov, 1933c: 35, 44. TYPE LOCALITY: Egypt [H in SIZK].  
DISTRIBUTION: **Palaearctic**: Egypt, Israel.

**carcelii**

*Toxophora carcelii* Guérin-Méneville, 1830: pl. 16. TYPE LOCALITY: “Sénégal” [= Gambia or Senegal] [T in UNKN].  
DISTRIBUTION: **Afrotropical**: Ghana, Ivory Coast, Senegal.

**coeruleiventris**

*Toxophora coeruleiventris* Karsch, 1887: 25. TYPE LOCALITY: Mozambique [2S in ZMHB\*].  
DISTRIBUTION: **Afrotropical**: Botswana, Burundi, Kenya, Mozambique, Senegal, South Africa (KwaZulu-Natal, Mpumalanga, Northern Province), Sudan, Tanzania, Uganda, Zambia, Zimbabwe.

**compta**

*Toxophora compta* Roberts, 1929: 559. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**crocisops**

*Toxophora crocisops* Hesse, 1938: 1051. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**cuprea**

*Bombylius cupreus* Fabricius, 1787: 366. TYPE LOCALITY: “Cajenna” [= French Guiana] [1S in ZMUC].

DISTRIBUTION: **Nearctic**: Mexico (Morelos, Nayarit). **Neotropical**: Brazil (Go-  
iás, Mato Grosso, Pará), Colombia, French Guiana, Panama, Suriname.

**deserta**

*Toxophora deserta* Paramonov, 1933c: 35, 44. TYPE LOCALITY: Turkmenistan [H in SIZK].

*Toxophora tadzhikorum* Paramonov, 1933c: 35, 44. TYPE LOCALITY: Tajikistan [S (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Iran, Tajikistan, Turkmenistan, Uzbekistan.

**diploptera**

*Toxophora diploptera* Speiser, 1910: 77. TYPE LOCALITY: Tanzania [H in NHRS].

*Toxophora cyanolepida* Hesse, 1938: 1040. TYPE LOCALITY: South Africa (Northern Province) [3S in NMSA\*; 1S in PPRI; 5S in BMNH\*; 16S in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Kenya, Namibia, South Africa (Eastern Cape, KwaZulu-Natal, Mpumalanga, Northern Province, Western Cape), Tanzania, Zimbabwe.

**emeljanovi**

*Toxophora emeljanovi* Zaitzev, 1980: 415. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**epargyra**

*Toxophora epargyra* Hermann, 1907: 201. TYPE LOCALITY: Turkey [S in ZSMC].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Armenia, Azerbaijan, Egypt, Gruzia, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

**epargyroides**

*Toxophora epargyroides* Hesse, 1938: 1038. TYPE LOCALITY: “South West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: ?Kenya, Namibia, Tanzania, Zimbabwe.

**fasciculata**

*Asilus fasciculatus* Villers, 1789: 603. TYPE LOCALITY: France [T in UNKN].

*Asilus maculatus* Rossi, 1790: 328. TYPE LOCALITY: Italy [T in UNKN]. [Preoccupied by Müller, 1764.]

*Toxophora maculata* Meigen, 1804: 273. TYPE LOCALITY: France [T in UNKN]. [Pre-occupied by Rossi, 1790.]

*Toxophora maculata* var. *completa* Paramonov, 1933c: 34, 42. TYPE LOCALITY: Turkmenistan [2S in ZMHB\*; S (lost) in SIZK].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Algeria, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Czech Republic, Egypt, France (incl. Corsica), Germany, Greece (incl. Zakynthos), Gruzia, Hungary, Iran, Israel, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Lebanon, Libya, Moldova, Morocco, Romania, Russia (SET), Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

### **fusca**

*Toxophora fusca* Gray in Griffiths & Pidgeon, 1832: 779. TYPE LOCALITY: Not given [= unknown] [T (lost) in OUMNH].

DISTRIBUTION: **Patria Ignota**: Unknown.

### **fuscipennis**

*Eniconevra fuscipennis* Macquart, 1840: 111 [1841: 389]. TYPE LOCALITY: “Du nord de l’Afrique” [probably = Algeria] & France [S in MNHN].

DISTRIBUTION: **Palaeartic**: Algeria, France.

### **gittinsi**

*Toxophora gittinsi* Tabet, 1979: 193. [Unavailable; name proposed in an unpublished thesis.]

*Toxophora gittinsi* Tabet, 2001a: 44. TYPE LOCALITY: USA (Idaho) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (Idaho).

### **iavana**

*Toxophora iavana* Wiedemann, 1821b: 179. TYPE LOCALITY: Indonesia (Java) [H in ZMUC].

*Toxophora zilpa* Walker, 1849: 268. TYPE LOCALITY: “China” [H in BMNH\*].

*javana*, error for *iavana*.

DISTRIBUTION: **Oriental**: China (Fujian, Jiangxi), India (Tamil Nadu, Uttar Pradesh, West Bengal), Hong Kong, Indonesia (Java, Nusa Tenggara), Laos, Malaysia (Peninsular), Philippines.

### **lebedevi**

*Toxophora lebedevi* Paramonov, 1925j: 43. TYPE LOCALITY: Kazakhstan [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Turkmenistan, Uzbekistan.

### **lepidocera**

*Eniconevra lepidocera* d’Andretta & Carrera, 1950: 364. TYPE LOCALITY: Brazil (São Paulo) [[H in MNRJ].

DISTRIBUTION: **Neotropical**: Brazil (Pará, São Paulo).

### **leucon**

*Toxophora leucon* Séguy, 1930a: 533. TYPE LOCALITY: Argentina [4S in MNHN\*].

DISTRIBUTION: **Neotropical**: Argentina, Brazil, (Mato Grosso, Pará, São Paulo), Bolivia, Paraguay.

### **leucopyga**

*Toxophora leucopyga* Wiedemann, 1828: 361. TYPE LOCALITY: “Vaterland?” [= USA] [T in NMW].

*Toxophora fulva* Gray in Griffith & Pigeon, 1832: 779. TYPE LOCALITY: Not given [= USA (Georgia) (from type specimen label data)] [H in OUMNH\*].

DISTRIBUTION: **Nearctic**: USA (Alabama, Florida, Georgia, Louisiana, North Carolina).



**leyladea**

*Toxophora leyladea* Efflatoun, 1945: 190. TYPE LOCALITY: Egypt [2S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt.

**maculipennis**

*Toxophora maculipennis* Karsch, 1886: 56. TYPE LOCALITY: Angola [H in ZMHB\*].

*Toxophora chopardi* Séguy, 1941a: 111. TYPE LOCALITY: Ivory Coast [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: Angola, Congo, Equatorial Guinea, Ghana, Ivory Coast, Senegal.

**maxima**

*Toxophora maxima* Coquillett, 1886a: 222. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Baja California Sur, Coahuila, Tiburón I), USA (Arizona, California, Idaho, Kansas, New Mexico, Oklahoma, Oregon, Texas).

**obliquisquamosa**

*Toxophora obliquisquamosa* Hesse, 1938: 1049. TYPE LOCALITY: South Africa (Western Cape) [5S in BMNH\*; 1S in NMSA].

*obliquisquamata*, incorrect spelling of *obliquisquamosa* (Greathead, 2006: 33).

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Eastern Cape, Western Cape).

**pallida**

*Toxophora pallida* d'Andretta & Carrera, 1950: 360. TYPE LOCALITY: Brazil (Ceará) [H in MZUSP].

DISTRIBUTION: **Neotropical**: Brazil (Ceará).

**pauli**

*Toxophora pauli* Zaitzev, 2005: 663. TYPE LOCALITY: Morocco [H in MNHN].

DISTRIBUTION: **Palaeartic**: Morocco.

**paulistana**

*Toxophora paulistana* Cunha, Lamas & Couri, 2011: 55. TYPE LOCALITY: Brazil (São Paulo) [H in MZUSP].

DISTRIBUTION: **Neotropical**: Brazil (Santa Catarina, São Paulo).

**pellucida**

*Toxophora pellucida* Coquillett, 1886a: 222. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 73) in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta), Mexico (Baja California Sur), USA (Arizona, California, Colorado, Idaho, Kansas, Nevada, New Mexico, Oklahoma, Oregon, Texas, Washington).

**psammophila**

*Toxophora psammophila* Paramonov, 1933c: 32, 36. TYPE LOCALITY: Armenia [H in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**punctipennis**

*Toxophora punctipennis* Bezzi, 1921a: 105. TYPE LOCALITY: South Africa (KwaZulu-Natal [M'Fongosi, Zululand]) [H in SAMC].

*Toxophora punctipennis* Bezzi, 1924a: 133. TYPE LOCALITY: South Africa (KwaZulu-Natal [Estcourt & Howick]) [2S in BMNH\*]. [Preoccupied by Bezzi, 1921.]

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (KwaZulu-Natal), Zimbabwe.

**quadricellulata**

*Toxophora quadricellulata* Hesse, 1963a: 290. TYPE LOCALITY: South Africa (Western Cape) [7S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**seyrigi**

*Toxophora seyrigi* Séguy, 1934a: 366. TYPE LOCALITY: Madagascar [T in MNHN].

DISTRIBUTION: **Afrotropical**: Madagascar.

**shelkovnikovi**

*Toxophora maculata* var. *shelkovnikovi* Paramonov, 1933c: 42. TYPE LOCALITY: Azerbaijan [H in ZIS].

DISTRIBUTION: **Palearctic**: Armenia, Azerbaijan, Cyprus, Gruzia.

**travassosi**

*Eniconeura travassosi* d'Andretta & Carrera, 1950: 369. TYPE LOCALITY: Brazil (São Paulo) [H in MACN].

DISTRIBUTION: **Neotropical**: Brazil (São Paulo).

**tristis**

*Eniconeura tristis* Séguy, 1930a: 536. TYPE LOCALITY: Cuba [H in MNHN\*].

DISTRIBUTION: **Neotropical**: Cuba.

**trivittata**

*Toxophora trivittata* Bezzi, 1908b: 375. TYPE LOCALITY: Congo [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Congo, Guinea-Bissau, Nigeria.

**turkestanica**

*Toxophora turkestanica* Paramonov, 1933c: 42, 45. TYPE LOCALITY: Uzbekistan [1S in ZMHB\*; 1S in SIZK].

DISTRIBUTION: **Palearctic**: Tajikistan, Turkmenistan, Uzbekistan.

**varipennis**

*Toxophora varipennis* Williston, 1901: 294. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Colima, Guerrero, Morelos, Veracruz-Llave).  
**Neotropical**: Guatemala.

**vasta**

*Toxophora vasta* Coquillett, 1891b: 199. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 74) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Colorado, Nevada).

**virgata**

*Toxophora virgata* Osten Sacken, 1877: 266. TYPE LOCALITY: USA (Texas) [2S in MCZ\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur, Coahuila, Sonora), USA (Arizona, California, Colorado, Georgia, Idaho, Nevada, New Mexico, Oklahoma, Texas, Utah).

**vitripennis**

*Toxophora vitripennis* Bezzi, 1924a: 130 (key only). TYPE LOCALITY: Not given [= Uganda; see Paramonov (1954b: 214)] [H (destroyed) in HHNM (see Note 9)].

DISTRIBUTION: **Afrotropical:** Uganda.

**zikani**

*Eniconeura zikani* d'Andretta & Carrera, 1950: 366. TYPE LOCALITY: Brazil (Rio de Janeiro) [H in FIOC].

DISTRIBUTION: **Neotropical:** Brazil (Rio de Janeiro).

Subfamily **HETEROTROPINAE** BeckerGenus **HETEROTROPUS** Loew

**HETEROTROPUS** Loew, 1873: 180, 182. Type species: *Heterotropus albidipennis* Loew, 1873, by monotypy.

**MALTHACOTRICHA** Becker, 1907b: 312. Type species: *Malthacotricha glauca* Becker, 1907, by monotypy.

**aegyptiacus**

*Heterotropus aegyptiacus* Paramonov, 1929a: 131(70). TYPE LOCALITY: Egypt [1S (destroyed) in PPDD (see Note 4); 1S in ESEC].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt, Saudi Arabia.

**albidipennis**

*Heterotropus albidipennis* Loew, 1873: 180. TYPE LOCALITY: Kazakhstan & Uzbekistan [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Turkey, Uzbekistan.

**ammophilus**

*Heterotropus ammophilus* Paramonov, 1929a: 134, 211(72, 147). TYPE LOCALITY: Turkmenistan [L designated by Evenhuis & Greathead (1999: 76) in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**apertus**

*Heterotropus apertus* Greathead, 2000: 57. TYPE LOCALITY: Namibia [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**arenivagus**

*Heterotropus arenivagus* Paramonov, 1929a: 135(73). TYPE LOCALITY: Turkmenistan [1S in SIZK; 1S in ZMHB\*].

*Heterotropus arenivagus* var. *flavoscutellata* Paramonov, 1929a: 136(74). TYPE LOCALITY: Turkmenistan [1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**atlanticus**

*Heterotropus atlanticus* Séguéy, 1930b: 100. TYPE LOCALITY: Morocco [H in MNHN].

DISTRIBUTION: **Palaeartic**: Morocco.

**bisglaucus**

*Heterotropus bisglaucus* Bezzi, 1925: 184. TYPE LOCALITY: Egypt [H (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt.

**bourdariei**

*Heterotropus bourdariei* Séguéy, 1938b: 40. TYPE LOCALITY: Algeria [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Algeria.

**chivaensis**

*Heterotropus arenivagus* ssp. *chivaensis* Paramonov, 1929a: 137(75). TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Uzbekistan.

**desertus**

*Heterotropus desertus* Zaitzev, 1972b: 878. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**elephantinus**

*Heterotropus elephantinus* Séguy, 1929: 62. TYPE LOCALITY: Chad [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: Chad. **Palaeartic**: Egypt.

**emeljanovi**

*Heterotropus emeljanovi* Zaitzev, 1972b: 876. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**fulvipes**

*Heterotropus fulvipes* Séguy, 1932: 129. TYPE LOCALITY: Algeria [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Algeria.

**gilvicornis**

*Heterotropus gilvicornis* Yeates & Irwin, 1992: 3. TYPE LOCALITY: South Africa (Northern Cape) [H in NMSA].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**glaucus**

*Malthacotricha glauca* Becker, 1907b: 313. TYPE LOCALITY: “Gaschun-Gobi” [= China (Nei Monggol)] [H in ZIS].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol), Mongolia.

**gracilis**

*Heterotropus gracilis* Greathead, 1967: 228. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea.

**griseus**

*Heterotropus griseus* Greathead, 1967: 228. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea.

**gussakovskiji**

*Heterotropus gussakovskiji* Paramonov, 1929a: 138(76). TYPE LOCALITY: Uzbekistan [1S in ZMHB\*; 1S in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**hohlbecki**

*Heterotropus hohlbecki* Paramonov, 1947a: 19. TYPE LOCALITY: Turkmenistan [L designated by Zaitzev & Kandybina (1983: 23) in ZIS].

DISTRIBUTION: **Palaeartic**: Turkmenistan.

**indicus**

*Heterotropus indicus* Nurse, 1922b: 887. TYPE LOCALITY: India (Maharashtra) [9S in BMNH\*].

DISTRIBUTION: **Oriental**: India (Maharashtra).

**israeliensis**

*Heterotropus israeliensis* Zaitzev, 2002a: 896 [2002b: 426]. TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic**: Israel

**kaplanae**

*Heterotropus kaplanae* Zaitzev, 2002a: 896 [2002b: 428]. TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic**: Israel

**kazanovskyi**

*Heterotropus kazanovskyi* Paramonov, 1925c: 110. TYPE LOCALITY: Tajikistan [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Azerbaijan, Egypt, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

**kiritshenkoi**

*Heterotropus kiritshenkoi* Zaitzev, 1972b: 872. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**longitarsus**

*Heterotropus longitarsus* Séguy, 1930b: 100. TYPE LOCALITY: Djibouti [H in MNHN].

DISTRIBUTION: **Afrotropical**: Djibouti. **Palaeartic**: Algeria, Morocco.

**maculatissimus**

*Heterotropus maculatissimus* Villeneuve, 1932: 32. TYPE LOCALITY: Algeria [T (lost) in KBIN].

DISTRIBUTION: **Palaeartic**: Algeria.

**maculiventris**

*Heterotropus maculiventris* Bezzi, 1925: 185. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

*Heterotropus tewfiki* Paramonov, 1929a: 147(85). TYPE LOCALITY: Egypt [5S (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt.

**magnirostris**

*Heterotropus magnirostris* Bezzi, 1926b: 251. TYPE LOCALITY: Egypt [H in ECF].

DISTRIBUTION: **Palaeartic**: Egypt.

**mongolicus**

*Heterotropus mongolicus* Paramonov, 1947a: 19. TYPE LOCALITY: Mongolia [L designated by Zaitzev (1972b: 868) in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**monticola**

*Heterotropus monticola* Paramonov, 1929a: 211(147). TYPE LOCALITY: Turkmenistan [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**munroi**

*Heterotropus munroi* Bezzi, 1926b: 246. TYPE LOCALITY: South Africa (Northern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Northern Cape).

**nigrimanus**

*Heterotropus nigrimanus* Séguy, 1930b: 100 [1931b: 106]. TYPE LOCALITY: Tunisia [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Tunisia.

**nigritarsis**

*Heterotropus sabulosus* var. *nigritarsis* Engel, 1933b: 172. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt.

**nigrithorax**

*Heterotropus nigrithorax* François, 1969c: 131. TYPE LOCALITY: Spain [H in ZMUC].

DISTRIBUTION: **Palaeartic**: Spain.

**normalipes**

*Heterotropus arenivagus* ssp. *normalipes* Paramonov, 1929a: 137(75). TYPE LOCALITY: Turkmenistan [1S in SIZK; 2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Turkmenistan.

**pallens**

*Heterotropus pallens* Nurse, 1922b: 887. TYPE LOCALITY: Pakistan [3S in BMNH\*].

DISTRIBUTION: **Oriental**: Pakistan.

**posthos**

*Heterotropus posthos* Yeates & Irwin, 1992: 8. TYPE LOCALITY: South Africa (Northern Cape) [H in NMSA].

DISTRIBUTION: **Afrotropical**: ?Namibia, South Africa (Northern Cape).

**pyrus**

*Heterotropus pyrus* Bowden, 1967b: 38. TYPE LOCALITY: Turkey [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Turkey.

**repeteki**

*Heterotropus arenivagus* ssp. *repeteki* Paramonov, 1929a: 136(74). TYPE LOCALITY: Turkmenistan [1S in SIZK; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Turkmenistan.

**sabulosus**

*Heterotropus sabulosus* Paramonov, 1929a: 144, 211(82, 147). TYPE LOCALITY: Uzbekistan [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt, Turkmenistan, Uzbekistan.

**stigmaticus**

*Heterotropus stigmaticus* Bezzi, 1926b: 248. TYPE LOCALITY: Egypt [3S (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt.

**stuckenbergi**

*Heterotropus stuckenbergi* Yeates & Irwin, 1992: 11. TYPE LOCALITY: South Africa (Northern Cape) [H in NMSA].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**sudanensis**

*Heterotropus sudanensis* Becker, 1922: 60. TYPE LOCALITY: Sudan [H in NMW\*].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt.

**sulphureus**

*Heterotropus sulphureus* Paramonov, 1929a: 147(85). TYPE LOCALITY: Uzbekistan [1S in ZIS; 6S in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**taurus**

*Heterotropus taurus* Bowden, 1967b: 36. TYPE LOCALITY: Turkey [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Turkey.

**trotteri**

*Heterotropus trotteri* Bezzi, 1915: 21. TYPE LOCALITY: Libya [H (lost) in MSNM].

DISTRIBUTION: **Palaeartic**: Libya.

**xanthothorax**

*Heterotropus xanthothorax* Efflatoun, 1945: 94. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt.

**zarudnyi**

*Heterotropus zarudnyi* Paramonov, 1947a: 17. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palaeartic**: Iran.

**zimini**

*Heterotropus zimini* Paramonov, 1929a: 151(89). TYPE LOCALITY: Uzbekistan [1S in ZMHB\*; 1S in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.



Subfamily **BOMBYLIINAE** LatreilleTRIBE **ACROPTHALMYDINI** HULLGenus **ACROPTHALMYDA** Bigot

**ACROPTHALMYDA** Bigot, 1858: 573, 583. Type species: *Cyllenia elegantula* Bigot, 1857 [= *Bombylius sphenopterus* Loew, 1855], by monotypy.

*SCINAX* Loew, 1855: 42 (as subgenus of *Bombylius* Linnaeus). Type species: *Bombylius sphenopterus* Loew, 1855, by original designation. [Preoccupied by Wagler, 1830.]

*OSTENTATOR* Jaenicke, 1867b: 348 [1868: 40]. Type species: *Ostentator punctipennis* Jaenicke, 1867 [= *Bombylius sphenopterus* Loew, 1855], by monotypy.

**paulseni**

*Bombylius paulseni* Philippi, 1865: 651. TYPE LOCALITY: Chile [N designated by Hall (1976a: 23) in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**sphenoptera**

*Bombylius sphenopterus* Loew, 1855: 42. TYPE LOCALITY: Chile [L designated by Evenhuis & Greathead (1999: 81) in ZMHB\*].

*Cyllenia elegantula* Bigot, 1857a: 294. TYPE LOCALITY: Chile [6S in BMNH\*].

*Bombylisoma decorata* Rondani, 1863: 68 [1864: 68]. TYPE LOCALITY: Chile [H (destroyed) in MZUN (see Painter & Painter, 1974: 8)].

*Ostentator punctipennis* Jaenicke, 1867b: 349 [1868: 41]. TYPE LOCALITY: Chile [2S in SMFD].

DISTRIBUTION: **Neotropical**: Chile.

TRIBE **BOMBYLIINI** LATREILLEGenus **ADELIDEA** Macquart

**ADELIDEA** Macquart, 1840: 84 [1841: 362]. Type species: *Adelidea fuscipennis* Macquart, 1840 [= *Bombylius anomala* Wiedemann, 1821], by original designation.

*SOBARUS* Loew, 1855: 6, 39 (as subgenus of *Bombylius* Linnaeus). Type species: *Bombylius anomalus* Wiedemann, 1821, by original designation.

**anomala**

*Bombylius anomala* Wiedemann, 1821b: 174. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [1S in ZMUC; 3S in ZMHB\*].

*Adelidea fuscipennis* Macquart, 1840: 84 [1841: 362]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [H in MNHN\*].

*Adelidea anomala* var. *fuligineipennis* Hesse, 1938: 693. TYPE LOCALITY: South Africa (Western Cape) [17S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**braunsi**

*Adelidea braunsi* Bezzi, 1921b: 472. TYPE LOCALITY: South Africa (Eastern Cape) [2S in SAMC\*; 2S in MSNM].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**immaculata**

*Adelidea anomala* var. *immaculata* Bezzi, 1922a: 74. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**longirostris**

*Cyllenia longirostris* Wiedemann, 1828: 358. TYPE LOCALITY: "Vaterland?" [= ?South Africa] [S in NMW].

DISTRIBUTION: **Afrotropical**: ?South Africa.

**maculata**

*Adelidea maculata* Hesse, 1938: 694. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**nigrifemoris**

*Adelidea nigrifemoris* Hesse, 1938: 686. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**pterosticta**

*Adelidea pterosticta* Hesse, 1938: 700. TYPE LOCALITY: South Africa (Western Cape) [10S in BMNH\*; 1S in CNC\*; 1S in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**ruficornis**

*Adelidea ruficornis* Bezzi, 1921b: 470. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

Genus **ANASTOECHUS** Osten Sacken

**ANASTOECHUS** Osten Sacken, 1877: 251. Type species: *Anastoechus barbatus* Osten Sacken, 1877, by monotypy.

**aegyptiacus**

*Anastoechus aegyptiacus* Paramonov, 1930: 437(87). TYPE LOCALITY: Egypt [H in SIZK].

DISTRIBUTION: **Palearctic**: Egypt.

**airis**

*Anastoechus airis* Greathead, 1970: 93. TYPE LOCALITY: Niger [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Niger.

**andalusiacus**

*Anastoechus andalusiacus* Paramonov, 1930: 438(88). TYPE LOCALITY: Spain [H in SIZK].

DISTRIBUTION: **Palearctic**: Spain.

**angustifrons**

*Anastoechus angustifrons* Paramonov, 1930: 439(89). TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palearctic**: Turkmenistan.

**anomalus**

*Anastoechus anomalus* Paramonov, 1940c: 289, 405. TYPE LOCALITY: Uzbekistan [2S in SIZK; 13S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Mongolia, Uzbekistan.

**aralicus**

*Anastoechus hyrcanus* ssp. *aralicus* Paramonov, 1940c: 293, 406. TYPE LOCALITY: Uzbekistan [9S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Uzbekistan.

**araxis**

*Anastoechus araxis* Paramonov, 1926b: 135. TYPE LOCALITY: Armenia [4S in ASAY; 2S in ZMHB\*; 3S in SIZK].

*Anastoechus araxis* var. *nigrisetosus* Paramonov, 1926b: 137. TYPE LOCALITY: Armenia [1S in ASAY; 1S (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Iran, Turkey.

**argyrocomus**

*Anastoechus argyrocomus* Hesse, 1938: 353. TYPE LOCALITY: South Africa (Western Cape) [3S in SAMC; 1S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**asiaticus**

*Anastoechus asiaticus* Becker, 1916: 55. TYPE LOCALITY: “Transkaspien” [= Kyrgyz Republic] & “Alai-Gebirge” [= Russia (WS)] [2S in ZSMC; 1S in ZMHB\*].

*Anastoechus villosus* Paramonov, 1930: 475(125). TYPE LOCALITY: Russia (FE) [2S in SIZK; 3S in ZMHB\*].

*Anastoechus asiaticus* var. *albulus* Paramonov, 1940c: 264, 401. TYPE LOCALITY: Mongolia & Russia (ES) & “Tjanschanj” [= China (Xinjiang) or Kyrgyz Republic] [S in ZIS; S (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: China (Beijing, Gansu, Hebei, Qinghai, Shaanxi, Nei Monggol, Tianjin, Xinjiang), Kazakhstan, Kyrgyz Republic, Mongolia, Russia (ES, FE, WS), Uzbekistan.

**aurecrinitus**

*Anastoechus aurecrinitus* Du & Yang, 1990: 283. TYPE LOCALITY: China (Nei Monggol) [H in CAU].

*aurecrinitus*, incorrect original spelling of *aurecrinitus* (Du & Yang, 1990: 287).

DISTRIBUTION: **Palaeartic**: China (Beijing, Nei Monggol, Qinghai).

**aurifrons**

*Anastoechus aurifrons* Efflatoun, 1945: 279. TYPE LOCALITY: Egypt [31S in ECF; 22S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt, Iran.

**bahirae**

*Anastoechus bahirae* Becker, 1915a: 326. TYPE LOCALITY: Tunisia [H (destroyed) in HNHM (see Note 9)].

*Anastoechus fuscipennis* Becker, 1915a: 326. TYPE LOCALITY: Tunisia [H (destroyed) in HNHM (see Note 9)].

*Anastoechus fuscipennis* Becker, 1916: 56 (unjustified emendation of *Anastoechus fuscipennis* Becker, 1915).

*Anastoechus bahirae* var. *pyramidum* Paramonov, 1940c: 271, 404. TYPE LOCALITY: Egypt [H (lost) in SIZK].

*pyramidorum*, incorrect original spelling of *pyramidum* (Paramonov, 1940c: 412).

DISTRIBUTION: **Afrotropical**: Kenya, Sudan. **Palaeartic**: Algeria, Egypt, Israel, Libya, Saudi Arabia, Spain, Syria, Tunisia.

#### **baigakumensis**

*Anastoechus baigakumensis* Paramonov, 1926a: 51. TYPE LOCALITY: Kazakhstan [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Uzbekistan.

#### **bangalorensis**

*Anastoechus bangalorensis* Kapoor & Agarwal in Kapoor, Agarwal & Grewel, 1979: 405. TYPE LOCALITY: India (Karnataka) [H in INPC].

DISTRIBUTION: **Oriental**: India (Karnataka).

#### **barbatus**

*Anastoechus barbatus* Osten Sacken, 1877: 252. TYPE LOCALITY: USA (Wyoming) [L designated by Hall & Evenhuis (1981: 153–54) in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta, Manitoba, Ontario, Yukon), USA (Arizona, California, Colorado, Idaho, Illinois, Kansas, Massachusetts, Michigan, Minnesota, Nebraska, Nevada, New Mexico, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, Wyoming).

#### **bitinctus**

*Anastoechus bitinctus* Becker, 1916: 56. TYPE LOCALITY: Spain [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Italy, Spain.

#### **candidus**

*Anastoechus candidus* Yao, Yang & Evenhuis, 2010: 5. TYPE LOCALITY: China (Qinghai) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Qinghai).

#### **caucasicus**

*Anastoechus caucasicus* Paramonov, 1930: 445(95). TYPE LOCALITY: Russia (SET) [H in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Moldova, Russia (SET), Ukraine.

#### **chakanus**

*Anastoechus chakanus* Du, Yang, Yao & Yang, 2008: 15. TYPE LOCALITY: China (Qinghai) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Qinghai).

#### **chinensis**

*Anastoechus chinensis* Paramonov, 1930: 445(95). TYPE LOCALITY: China (Beijing) [H in SIZK].

DISTRIBUTION: **Oriental**: China (Jiangxi). **Palaeartic**: China (Beijing, Hebei, Nei Monggol, Qinghai, Shandong, Tianjin, Xinjiang), Mongolia.

#### **deserticola**

*Anastoechus deserticolus* Hesse, 1938: 347. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

*Anastoechus deserticolus* var. *coloratus* Hesse, 1938: 352. TYPE LOCALITY: South Africa (Northern Cape) [4S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

**dolosus**

*Anastoechus dolosus* Hesse, 1938: 372. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**doulananus**

*Anastoechus doulananus* Du, Yang, Yao & Yang, 2008: 16. TYPE LOCALITY: China (Qinghai) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Qinghai).

**elegans**

*Anastoechus elegans* Paramonov, 1930: 445(95). TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan.

**erinaceus**

*Anastoechus erinaceus* Bezzi, 1921a: 50. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Northern Cape).

**exalbidus**

*Bombylius exalbidus* Wiedemann in Meigen, 1820: 215. TYPE LOCALITY: Portugal [2S in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Sudan, Yemen. **Palaeartic**: Algeria, Armenia, Azerbaijan, Egypt, France, Gruzia, Israel, Italy, Jordan, Kuwait, Lebanon, Oman, Portugal, Saudi Arabia, Spain, Syria, Tunisia, Yugoslavia.

**firjuzanus**

*Anastoechus firjuzanus* Paramonov, 1930: 446(96). TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**flaveolus**

*Anastoechus flaveolus* Becker, 1916: 56. TYPE LOCALITY: Egypt [H (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaeartic**: Egypt.

**flavosericatus**

*Anastoechus flavosericatus* Hesse, 1938: 359. TYPE LOCALITY: South Africa (Western Cape) [1S NMSA\*; 11S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**fulvescens**

*Anastoechus fulvescens* Becker & Stein, 1912: 604. *Nomen nudum*.

*Anastoechus fulvescens* Becker in Becker & Stein, 1913a: 581. TYPE LOCALITY: Iran [L designated by Zaitzev (1972d: 900) in ZIS].

*Anastoechus intermedius* Becker, 1916: 57. TYPE LOCALITY: “Transkaspien” [= Kyrgyz Republic] & “Gr. Balchan” [= Greece or Macedonia] & “Imababa” [= Egypt] [8S in ZSMC].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Egypt, Greece, Gruzia, Iran, Kazakhstan, Kyrgyz Republic, Spain, Tajikistan, Turkmenistan, Uzbekistan.

**fulvus**

*Anastoechus fulvus* Yao, Yang & Evenhuis, 2010: 8. TYPE LOCALITY: China (Nei Mongol) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol, Shandong).

**fuscianulatus**

*Anastoechus fuscianulatus* Hesse, 1938: 380. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**fuscus**

*Anastoechus fuscus* Paramonov, 1926a: 53. TYPE LOCALITY: Kazakhstan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan.

**hessei**

*Anastoechus deserticola* Hall, 1956: 200. TYPE LOCALITY: USA (Arizona) [H in CAS]. [Preoccupied by Hesse, 1938.]

*Anastoechus hessei* Hall, 1958: 195 (new replacement name for *Anastoechus deserticola* Hall, 1956).

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada, Texas).

**hyrcanus**

*Bombylius hyrcanus* Pallas & Wiedemann in Wiedemann, 1818a: 22. TYPE LOCALITY: “Circa Caucassum” [= Russia (SET)] & “Hyrcania” [= Iran (see Pont, 1995: 150)] [S in NMW (see Note 20)].

*Anastoechus viduus* Becker, 1916: 60. TYPE LOCALITY: Greece [H in ZSMC].

*hyrcanus*, error for *hyrcanus*.

DISTRIBUTION: **Palaeartic**: Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, Cyprus, Egypt, France, Greece, Gruzia, Hungary, Iran, Italy (incl. Sicily), Macedonia, Romania, Russia (SET), Slovenia, Spain, Turkey, Uzbekistan, Yugoslavia.

**innocuus**

*Anastoechus innocuus* Bezzi, 1921a: 52. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape).

**kashmirensis**

*Anastoechus kashmirensis* Zaitzev, 1988b: 863 [1990: 107]. TYPE LOCALITY: India (Kashmir) [H in ZMUC].

DISTRIBUTION: **Oriental**: India (Kashmir).

**lacteus**

*Anastoechus lacteus* Yang, Yao & Cui, 2014: 5. TYPE LOCALITY: China (Xinjiang) [H in SEMCAS].

DISTRIBUTION: **Palaeartic**: China (Xinjiang).

**latifrons**

*Bombylius latifrons* Macquart in Webb & Berthelot, 1839: 105. TYPE LOCALITY: Canary Is [H (lost) in MNHN].

DISTRIBUTION: **Palaeartic**: Canary Is, Egypt, Morocco.

**leucosoma**

*Anastoechus leucosoma* Bezzi, 1921a: 54. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**leucothrix**

*Anastoechus leucothrix* Hall & Evenhuis, 1981: 158. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Nuevo León), USA (Arizona, California, Nevada, New Mexico, Texas, Utah).

**longirostris**

*Anastoechus longirostris* Wulp, 1885b: 85. TYPE LOCALITY: “Himalayas” [= India or Nepal or Pakistan] [H in RMNH].

DISTRIBUTION: **Oriental:** India (Uttar Pradesh).

**macrophthalmus**

*Anastoechus macrophthalmus* Bezzi, 1921a: 52. TYPE LOCALITY: South Africa (Eastern Cape) [H (destroyed) in HNHM (see Note 9)].

*Anastoechus eurystephus* Hesse, 1938: 364. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Namibia, South Africa (Eastern Cape, Western Cape).

**macrorrhynchus**

*Anastoechus macrorrhynchus* Bezzi, 1924a: 74. TYPE LOCALITY: “N. Rhodesia” [= Zambia] [4S in BMNH\*].

DISTRIBUTION: **Afrotropical:** Congo, Zambia.

**melanohalteralis**

*Anastoechus melanohalteralis* Tucker, 1907: 91. TYPE LOCALITY: USA (Colorado) [2S in SEMC].

*Anastoechus melanohalteralis* var. *fulvipennis* Tucker, 1907: 91). TYPE LOCALITY: USA (Colorado) [H in SEMC].

DISTRIBUTION: **Nearctic:** Mexico (Coahuila de Zaragoza, Distrito Federal, México, Nuevo León), USA (Arizona, California, Colorado, Idaho, New Mexico, Nevada, Texas, Utah).

**mellinus**

*Anastoechus mellinus* François, 1969f: 3. TYPE LOCALITY: Afghanistan [H in NMPC].

DISTRIBUTION: **Palaeartic:** Afghanistan.

**meridionalis**

*Anastoechus meridionalis* Bezzi, 1912: 610. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Malawi, Tanzania, Zambia, Zimbabwe.

**miscens**

*Bombylius miscens* Walker, 1871b: 271. TYPE LOCALITY: Sudan [1S in BMNH\*].

DISTRIBUTION: **Afrotropical:** Eritrea, Sudan, Yemen. **Palaeartic:** KUWAIT, Saudi Arabia.

**mongolicus**

*Anastoechus mongolicus* Paramonov, 1930: 454(104). TYPE LOCALITY: Mongolia [H in SIZK].

DISTRIBUTION: **Palaeartic:** Mongolia.

**monticola**

*Anastoechus monticola* Paramonov, 1930: 455(105). TYPE LOCALITY: Turkmenistan [2S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**montium**

*Anastoechus montium* Becker, 1916: 57. TYPE LOCALITY: “Alai montes” [= Russia (WS)] [2S in ZSMC].

DISTRIBUTION: **Palaeartic**: Kyrgyz Republic, Mongolia, Russia (WS), Tajikistan.

**mylabricida**

*Anastoechus mylabricida* Zakhvatkin, 1934: 63. TYPE LOCALITY: Azerbaijan [T in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Moldova, Russia (SET), Ukraine.

**neimongolanus**

*Anastoechus neimongolanus* Du & Yang, 1990: 284. TYPE LOCALITY: China (Nei Monggol) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol).

**nigricirratus**

*Anastoechus nigrocirratus* Becker & Stein, 1912: 604. *Nomen nudum*.

*Anastoechus nigricirratus* Becker in Becker & Stein, 1913a: 581. TYPE LOCALITY: Iran [L designated by Zaitzev & Kandybina (1983: 30) in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Iran.

**nitens**

*Anastoechus nitens* Hesse, 1938: 355. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**nitidulus** ssp. **aberrans**

*Anastoechus nitidulus* var. *aberrans* Paramonov, 1940c: 304, 401). TYPE LOCALITY: Russia (ES) [S in ZIS; 1S in SIZK; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Russia (ES).

**nitidulus** ssp. **hummeli**

*Anastoechus nitidulus* var. *hummeli* Paramonov, 1933b: 6. TYPE LOCALITY: China (Jiangxi) & Mongolia [7S in NHRS].

DISTRIBUTION: **Oriental**: China (Jiangxi). **Palaeartic**: Mongolia.

**nitidulus** ssp. **nitidulus**

*Bombylius nitidulus* Fabricius, 1794: 409. TYPE LOCALITY: “Germaniae” [2S in ZMUC].

*Bombylius caudatus* Meigen, 1804: 184. TYPE LOCALITY: France [H in MNHN\*].

*Bombylius diadema* Meigen, 1804: 182. TYPE LOCALITY: France [T in UNKN].

*Bombylius cephalotes* Walker, 1849: 287. TYPE LOCALITY: Not given [= Palaeartic] [H in BMNH\*].

*Anastoechus olivaceus* Paramonov, 1930: 460(110). TYPE LOCALITY: France (Corsica) [2S in SIZK].

*Anastoechus olivaceus* var. *corsicanus* Paramonov, 1930: 460(110). TYPE LOCALITY: France (Corsica) [H in SIZK].



*Anastoechus olivaceus* var. *corsicanus* Zaitzev, 1989: 82 (unjustified emendation of *Anastoechus olivaceus corsicanus* Paramonov, 1930).

[The listing of “*corsicanus*” in Paramonov (1940: 257, 298, 394) does not satisfy the criteria to be an emendation, though listed as such in Zaitzev (1989a: 82).]

DISTRIBUTION: **Oriental:** China (Jiangxi). **Palaeartic:** Afghanistan, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, France, Germany, Greece, Hungary, Iran, Italy, Japan, Kazakhstan, Kyrgyz Republic, Macedonia, Mongolia, Portugal, Romania, Russia (ES, FE, SET, WS), Slovenia, Spain, Slovakia, Turkey.

### niveicollis

*Anastoechus niveicollis* Enderlein, 1934: 141. TYPE LOCALITY: Tajikistan [L designated by Evenhuis & Greathead (1999: 88) in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Tajikistan.

### nividulus

*Bombylius niveus* Macquart, 1855: 98(78). TYPE LOCALITY: “Océanie, cap des Aiguilles” [= South Africa (Western Cape)] [T (lost) in BMNH (originally in Bigot Collection)] [Preoccupied by Macquart, 1840.]

*Anastoechus nividulus* Evenhuis & Greathead, 1999: 88 (new replacement name for *Bombylius niveus* Macquart, 1855).

DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

### nivifrons

*Bombylius nivifrons* Walker, 1871b: 271. TYPE LOCALITY: Egypt [H (lost) in BMNH (see Waterhouse, 1906: 598)].

*Systoechus niveus* Hermann in Hermann & Villeneuve, 1909: 150. TYPE LOCALITY: Egypt [T in ZSMC]. [Preoccupied by Macquart, 1855.]

*Anastoechus albopectinatus* Becker & Stein, 1912: 604. *Nomen nudum*.

*Anastoechus albopectinatus* Becker in Becker & Stein, 1913a: 582. TYPE LOCALITY: Iran [L designated by Zaitzev (1972d: 901) in ZIS].

*niveifrons*, error for *nivifrons*.

DISTRIBUTION: **Afrotropical:** Sudan, Yemen. **Oriental:** ?Pakistan. **Palaeartic:** Egypt, Iran, Iraq, Israel (incl. West Bank), Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Syria, United Arab Emirates.

### nivosus

*Anastoechus nivosus* Greathead, 1996b: 219. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya.

### nomas

*Anastoechus nomas* Paramonov, 1930: 460(110). TYPE LOCALITY: Turkmenistan [2S in SIZK; 7S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Turkmenistan, Uzbekistan.

### phaleratus

*Anastoechus phaleratus* Hesse, 1938: 366. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

*Anastoechus phaleratus* var. *albicerus* Hesse, 1938: 368. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in NMSA\*].

DISTRIBUTION: **Afrotropical:** ?Botswana, Namibia, South Africa (Eastern Cape, Free State, Northern Cape, North-West Province, Western Cape), Zimbabwe.

**pruinus**

*Anastoechus pruinus* Hesse, 1938: 356. TYPE LOCALITY: South Africa (Eastern Cape) [7S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Free State).

**pulcher**

*Anastoechus pulcher* Paramonov, 1930: 461(111). TYPE LOCALITY: Turkmenistan [2S in ZMHB\*; 1S in SIZK].

DISTRIBUTION: **Palaeartic**: Iran, Iraq, Turkmenistan, Uzbekistan.

**ravus**

*Anastoechus ravus* Greathead, 1970: 94. TYPE LOCALITY: Ethiopia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ethiopia, Kenya, Somalia, Sudan.

**retardatus**

*Anastoechus retardatus* Becker & Stein, 1912: 604. *Nomen nudum*.

*Anastoechus retardatus* Becker in Becker & Stein, 1913a: 583. TYPE LOCALITY: Iran [L designated by Zaitzev (1972d: 901) in ZIS].

DISTRIBUTION: **Palaeartic**: Iran, Turkmenistan.

**rubicundus**

*Anastoechus rubicundus* Bezzi, 1924a: 75. TYPE LOCALITY: “Somaliland” [= Somalia] [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Somalia.

**rubricosus**

*Bombylius rubricosus* Wiedemann, 1821b: 168. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [H in ZMUC].

*Systoechus cervinus* Loew, 1860a: 84 [1860b: 260; 1860c: 188]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**rubriventris**

*Anastoechus rubriventris* Paramonov, 1930: 461(111). TYPE LOCALITY: Turkmenistan [1S in ZMHB\*; 1S in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan.

*sericatus*

*Anastoechus sericatus* Hesse in Hull, 1973: 86. *Nomen nudum*.

**sericophorus**

*Anastoechus sericophorus* Hesse, 1938: 370. TYPE LOCALITY: “S.W. Africa” [= Namibia] [2S in BMNH\*].

*Anastoechus sericophorus* var. *congruens* Hesse, 1938: 371. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Western Cape).

**setosus**

*Bombylius setosus* Loew, 1855: 36. TYPE LOCALITY: Russia (CET) [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Belarus, Estonia, Latvia, Lithuania, Moldova, Russia (CET, SET), Ukraine.

**sibiricus**

*Anastoechus sibiricus* Becker, 1916: 59 [in Becker & Schnabl, 1926: 37 (as *Systoechus*)]. TYPE LOCALITY: Russia (ES) [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Mongolia, Russia (ES).

**smirnovi**

*Anastoechus smirnovi* Paramonov, 1926b: 132. TYPE LOCALITY: Uzbekistan [13S in ZMUM].

*Anastoechus smirnovi* var. *nigrifemoratus* Paramonov, 1926b: 132. TYPE LOCALITY: Uzbekistan [S (lost) in SIZK; 1S in ZMUM].

DISTRIBUTION: **Palaeartic**: Mongolia, Turkmenistan, Uzbekistan.

**spinifacies**

*Anastoechus spinifacies* Bezzi, 1920: 100. *Nomen nudum*.

*Anastoechus spinifacies* Bezzi, 1924a: 73 (key only). TYPE LOCALITY: Not given [= Ethiopia (see Bezzi, 1920: 100)] [S in MCSN].

DISTRIBUTION: **Afrotropical**: ?Eritrea, Ethiopia, Somalia.

**stackelbergi**

*Anastoechus stackelbergi* Paramonov, 1926a: 54. TYPE LOCALITY: “Asia media” [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**stramineus**

*Bombylius stramineus* Wiedemann in Meigen, 1820: 215. TYPE LOCALITY: Portugal [H in ZMHB\*].

*Bombylius acuticornis* Macquart, 1840: 92 [1841: 370]. TYPE LOCALITY: Egypt [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Algeria, Egypt, France, Israel, Italy, Libya, Portugal, Saudi Arabia, Spain, Tunisia, Turkmenistan.

**subviridis**

*Anastoechus subviridis* Greathead, 1996b: 218. TYPE LOCALITY: Somalia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Somalia.

**suzukii**

*Anastoechus suzukii* Matsumura, 1916: 275. TYPE LOCALITY: Japan [H in EIHU].

DISTRIBUTION: **Palaeartic**: Japan.

**syrdarjensis**

*Anastoechus syrdarjensis* Paramonov, 1926a: 48 (as “*syr-darjensis*”). TYPE LOCALITY: Kazakhstan [3S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Turkmenistan, Uzbekistan.

**tresignatus**

*Systoechus trisignatus* Portschnsky, 1881: 136. TYPE LOCALITY: Armenia [L designated by Zaitzev & Kandybina (1983: 38) in ZIS].

*Systoechus retrogradus* Becker, 1902: 17. TYPE LOCALITY: Egypt & “Berriane in der Sahara” [= Algeria] [1S in KBIN\*; 2S in ZMHB\*].

*Anastoechus trisignatus retrogradus* var. *wernerii* Paramonov, 1930: 472(122). [Unavailable; infrasubspecific name not treated at the subspecies or species level before 1961.]

*Anastoechus wernerii* Paramonov, 1930: 476(126). TYPE LOCALITY: Algeria [H in SIZK].

*Anastoechus trisignatus* ssp. *fulvojubatus* François, 1967b: 276. TYPE LOCALITY: Israel [H in KBIN\*].

DISTRIBUTION: **Afrotropical:** Sudan, Yemen. **Palaeartic:** Algeria, Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, Egypt, Greece, Gruzia, Israel, Italy, Jordan, Kuwait, Lebanon, Libya, Macedonia, Morocco, Oman, Qatar, Saudi Arabia, Slovenia, Syria, Tunisia, Yugoslavia.

**turanicus**

*Anastoechus turanicus* Paramonov, 1926b: 134. TYPE LOCALITY: Afghanistan [H in SIZK].

DISTRIBUTION: **Palaeartic:** Afghanistan, Iran, Uzbekistan.

**turkestanicus**

*Anastoechus turkestanicus* Paramonov, 1926a: 50. TYPE LOCALITY: Kazakhstan [1S in ZMHB\*; 1S in SIZK].

DISTRIBUTION: **Palaeartic:** Kazakhstan, Uzbekistan.

**turkmenorum**

*Anastoechus turkmenorum* Paramonov, 1930: 474(124). TYPE LOCALITY: Turkmenistan [1S in ZMHB\* 1S in SIZK].

DISTRIBUTION: **Palaeartic:** Afghanistan, Iran, Turkmenistan, Uzbekistan.

**turiformis**

*Anastoechus candidus* Yao, Yang & Evenhuis, 2010: 9. TYPE LOCALITY: China (Nei Monggol) [H in CAU].

DISTRIBUTION: **Palaeartic:** China (Beijing, Nei Monggol).

**varipecten**

*Anastoechus varipecten* Bezzi, 1921a: 48. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].

*Anastoechus leucochroicus* Hesse, 1938: 373. TYPE LOCALITY: South Africa (Western Cape) [2S in NMSA\*; 36S in SAMC].

DISTRIBUTION: **Afrotropical:** Namibia, South Africa (Northern Cape, Western Cape).

**vlasovi**

*Anastoechus vlasovi* Paramonov, 1930: 475(125). TYPE LOCALITY: Turkmenistan & Uzbekistan [2S in SIZK; 4S in ZMHB\*].

*Anastoechus vlasovi* var. *albicans* Paramonov, 1930: 476(126). TYPE LOCALITY: Turkmenistan [1S in SIZK; 2S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Kazakhstan, Turkmenistan, Uzbekistan.

**xuthus**

*Anastoechus xuthus* Yao, Yang & Evenhuis, 2010: 10. TYPE LOCALITY: China (Shaanxi) [H in CAU].

DISTRIBUTION: **Palaeartic:** China (Shaanxi).

**zimini**

*Anastoechus zimini* Paramonov, 1940c: 274. TYPE LOCALITY: Kazakhstan [1S in SIZK; 4S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Afghanistan, Armenia, Azerbaijan, Iran, Kazakhstan, Mongolia, Uzbekistan.

Genus **APIFORMYIA** Yeates

**APIFORMYIA** Yeates, 2008: 32. Type species: *Apiformyia australis* Yeates, 2008, by original designation.

**australis**

*Apiformyia australis* Yeates, 2008: 32. TYPE LOCALITY: Australia (NT) [H in ANIC].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, WA).

Genus **AUSTRALOECHUS** Greathead

**AUSTRALOECHUS** Greathead, 1995: 61. Type species: *Bombylius micans* Fabricius, 1798, by original designation.

**ammophilus**

*Bombylius ammophilus* Hesse, 1938: 244. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**anastoechoides**

*Bombylius anastoechoides* Hesse, 1938: 286. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**bezzii**

*Bombylius bezzii* Hesse, 1938: 282. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**capensis**

*Bombylius capensis* Linnaeus, 1764: 423. TYPE LOCALITY: South Africa (Western Cape) [H in LSUK; N designated by Hesse (1961: 83) (see Appendix 1) in SAMC\* invalid].

*Bombylius guttatipennis* Macquart, 1855: 99(79) [as “*guttati-pennis*” on p. 149(129)].  
TYPE LOCALITY: “Océanie, cap des Aiguilles” [= South Africa (Western Cape)] [3S in BMNH\*].

*Bombylius braunsi* Bezzi, 1921a: 27. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

*Bombylius nieuwweldensis* Hesse, 1938: 253. TYPE LOCALITY: South Africa (Western Cape) [5S in SAMC\*].  
DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Western Cape).

**cinctutus**

*Bombylius nigripecten* var. *cinctutus* Hesse, 1938: 279. TYPE LOCALITY: South Africa (Western Cape) [5S in SAMC\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**fenestralis**

*Bombylius fenestralis* Hesse, 1938: 248. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].  
DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**hirtus**

*Bombylius hirtus* Loew, 1860a: 83 [1860b: 257; 1860c: 185]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [H in ZMHB\*].

*Bombylius melanurus* Loew, 1860a: 83 [1860b: 258; 1860c: 186]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**hottentotus**

*Bombylius hottentotus* Hesse, 1938: 241. TYPE LOCALITY: South Africa (Western Cape) [8S in NMSA\*; 11S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**hypoleucus**

*Bombylius hypoleucus* Wiedemann, 1821b: 168. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [3S in ZMHB\*; 1S in NMW\*].

*Bombylius stylicornis* Macquart, 1834: 381. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**leucolasius**

*Bombylius leucolasius* Hesse, 1938: 272. TYPE LOCALITY: South Africa (Northern Cape) [4S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**megaspilus**

*Bombylius megaspilus* Bezzi, 1921a: 26. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**micans**

*Bombylius micans* Fabricius, 1798: 569. TYPE LOCALITY: “Africa” [= South Africa (Western Cape) (see Zimsen, 1964: 464)] [1S (destroyed) in ZMUC (V. Michelsen, pers. comm.)].

*Bombylius darlingi* Hesse, 1938: 233. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**minusculus**

*Bombylius minimus* Macquart, 1855: 101(81). TYPE LOCALITY: “Océanie, cap des Aiguilles” [= South Africa (Western Cape)] [1S in MNHN\*; 1S in BMNH\*]. [Pre-occupied by Scopoli, 1771.]

*Bombylius minusculus* Hesse, 1938: 266. TYPE LOCALITY: South Africa (Northern Cape) [8S in SAMC\*].

*Bombylius minimus* var. *pallidiventris* Hesse, 1938: 268. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

*Bombylius minimus* var. *fuscitarsus* Hesse, 1961: 9. [Unavailable; varietal name published after 1960].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

**molitor**

*Bombylius molitor* Wiedemann, 1830: 632. TYPE LOCALITY: “Vom Kap” [= South Africa (Western Cape)] [L designated by Evenhuis & Greathead (1999: 94) in ZMHB\*].

*Bombylius argentifer* Walker, 1849: 276. TYPE LOCALITY: “South Africa” [probably = South Africa (Western Cape)] [H in BMNH\*].

*Bombylius fulvosetosus* Hesse, 1955: 383. TYPE LOCALITY: “South West Africa” [= Namibia] [3S in MZLU].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**mollihirtus**

*Bombylius mollihirtus* Hesse, 1938: 258. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**naibensis**

*Bombylius naibensis* Hesse, 1961: 93. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**nigripecten**

*Bombylius nigripecten* Bezzi, 1921a: 32. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**obesus**

*Bombylius obesus* Bezzi, 1921a: 29. TYPE LOCALITY: South Africa (Eastern Cape & KwaZulu-Natal) [2S in MCSN].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, KwaZulu-Natal).

**pentaspilus**

*Bombylius pentaspilus* Bezzi, 1921a: 29. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**peringueyi**

*Bombylius peringueyi* Bezzi, 1921a: 33. TYPE LOCALITY: South Africa (Northern Cape) [3S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape).

**punctatelloides**

*Bombylius punctatelloides* Hesse, 1938: 255. TYPE LOCALITY: “Cape Province” [= South Africa (Eastern Cape, Northern Cape, or Western Cape)] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (“Cape Province”).

**punctatellus**

*Bombylius punctatellus* Bezzi, 1921a: 27. TYPE LOCALITY: South Africa (“Cape”) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (“Cape”).

**punctifer**

*Bombylius punctifer* Bezzi, 1921a: 28. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**purpureus**

*Bombylius purpureus* Bezzi, 1921a: 23. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**resplendens**

*Bombylius resplendens* Hesse, 1961: 87. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**servillei**

*Bombylius servillei* Macquart, 1840: 88 [1841: 366]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN (originally in Serville Collection)].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Western Cape).

**spinibarbus**

*Bombylius spinibarbus* Bezzi, 1921a: 30. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

*Bombylius angulosus* Bezzi, 1921a: 31. TYPE LOCALITY: South Africa (Western Cape) [L designated by Evenhuis & Greathead (1999: 658) in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**volucer**

*Bombylius volucer* Hesse, 1938: 269. TYPE LOCALITY: South Africa (Northern Cape) [12S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**zoutpansbergianus**

*Bombylius zoutpansbergianus* Hesse, 1938: 260. TYPE LOCALITY: South Africa (Northern Province) [12S in SAMC\*].

*Bombylius zoutpansbergianus* var. *occidentalis* Hesse, 1938: 262. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Northern Province).

Genus **BECKERELLUS** Greathead

**BECKERELLUS** Greathead, 1995: 57. Type species: *Bombylius terminatus* Becker, 1909, by original designation.

**androgynus**

*Bombylius androgynus* Loew, 1855: 33. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Azerbaijan, Croatia, Egypt, Greece (incl. Zakynthos), Gruzia, Iran, Italy, Kazakhstan, Lebanon, Macedonia, Moldova, Romania, Russia (SET), Slovenia, Syria, Turkey, Ukraine, Uzbekistan, Yugoslavia.

**melanopus**

*Bombylius melanopus* Bezzi, 1924a: 53. TYPE LOCALITY: “Kenya Colony” [= Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Uganda.



**obtusus**

*Bombylius obtusus* Bezzi, 1924a: 56). TYPE LOCALITY: “Abyssinia” [= Ethiopia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia.

**terminatus**

*Bombylius terminatus* Becker, 1909: 115 [1910b: 24]. TYPE LOCALITY: “Afrique orientale anglaise” [= Kenya] [H in MNHN].

*Bombylius mollis* Bezzi, 1921a: 15. TYPE LOCALITY: “South Rhodesia” [= Zimbabwe] [H in SAMC\*].

*Bombylius disjunctus* Bezzi, 1921a: 15. TYPE LOCALITY: “Abyssinia” [= Ethiopia] & South Africa (KwaZulu-Natal) & Zimbabwe [1S in SAMC\*].

*Bombylius disjunctus* Bezzi, 1924a: 54. TYPE LOCALITY: “Nyasaland Protectorate” [= Malawi] [H in BMNH\*]. [Preoccupied by Bezzi, 1921.]

*Bombylius parallelus* Bezzi, 1924a: 51. TYPE LOCALITY: “Abyssinia” [= Ethiopia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, Eritrea, Ethiopia, Kenya, Malawi, Senegal, South Africa (Eastern Cape, KwaZulu-Natal, Mpumalanga, Northern Province, Western Cape), Tanzania, Uganda, Yemen (Socotra), Zambia, Zimbabwe.

Genus **BOMBOMYIA** Greathead

**BOMBOMYIA** Greathead, 1995: 56. Type species: *Bombylius discoideus* Fabricius, 1794, by original designation.

**acroleuca**

*Bombylius acroleucus* Bezzi, 1921a: 9. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**aequisexa**

*Bombylius aequisexus* Paramonov, 1955b: 163. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Uganda.

**bombiformis**

*Bombylius bombiformis* Bezzi, 1921a: 9. TYPE LOCALITY: “Rhodesia” [= Zimbabwe] [H in SAMC\*].

*Bombylius bombiformis* Bezzi, 1924a: 34. TYPE LOCALITY: “N.-W. Rhodesia” [= Zambia] [6S in BMNH\*]. [Preoccupied by Bezzi, 1921.]

*Bombylius bicoloratus* Bezzi, 1924a: 36. TYPE LOCALITY: “Nyasaland” [= Malawi] [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, South Africa (KwaZulu-Natal, Mpumalanga), Tanzania, Zambia, Zimbabwe.

**burundi**

*Bombylius monticola* François, 1955: 1. TYPE LOCALITY: Burundi [H in KBIN\*]. [Preoccupied by Paramonov, 1926.]

*Bombomyia burundi* Evenhuis & Greathead, 1999: 97 (new replacement name for *Bombylius monticola* François, 1955).

DISTRIBUTION: **Afrotropical**: Burundi, Kenya, Tanzania.

**discoidea**

*Bombylius analis* Fabricius, 1794: 408. TYPE LOCALITY: “Cap. Bon. spei” [= South Africa (Western Cape)] [1S in ZMUC]. [Preoccupied by Olivier, 1789.]

*Bombylius discoideus* Fabricius, 1794: 409. TYPE LOCALITY: “Barbaria” [= Algeria or Tunisia] [1S in ZMUC].

*Tabanus charopus* Lichtenstein, 1796: 214. TYPE LOCALITY: “Cap. bon. spei.” [= South Africa (Western Cape)] [T in UNKN (sold at auction)].

*Bombylius thoracicus* Fabricius, 1805: 130. TYPE LOCALITY: “Cap. bon. spei” [= South Africa (Western Cape)] [1S in ZMUC].

*Tanyglossa analis* Thunberg, 1827: 68. TYPE LOCALITY: “Capite bonae spei” [= South Africa (Western Cape)] [S in UZIU]. [Preoccupied by Olivier, 1789.]

*Bombylius discoideus* var. *trichromus* Paramonov, 1955b: 161. TYPE LOCALITY: Tanzania & Ghana & Kenya & South Africa (Gauteng) [2S in BMNH\*; S (lost) in SIZK; 1S in NMKE].

DISTRIBUTION: **Afrotropical:** Botswana, Burundi, Chad, Congo, Eritrea, Ethiopia, Gambia, Ghana, Kenya, Malawi, Mali, Mozambique, Namibia, Niger, Nigeria, Senegal, South Africa (Eastern Cape, Free State, Gauteng, KwaZulu-Natal, Mpumalanga, Northern Cape, Northern Province, North-West Province, Western Cape), Swaziland, Tanzania, Togo, Uganda, Yemen, Zambia, Zimbabwe. **Palaeartic:** Algeria, Armenia, Austria, Azerbaijan, China (Xinjiang), Cyprus, Egypt, France, Greece, Gruzia, Hungary, Iran, Israel, Italy, Kazakhstan, Kyrgyz Republic, Lebanon, Moldova, Mongolia, Morocco, Oman, Russia (SET), Saudi Arabia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan.

**flagrans**

*Bombylius flagrans* Bezzi, 1924a: 33. TYPE LOCALITY: “Nyasaland” [error, = Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya, Tanzania.

**flammea**

*Bombylius flammeus* Bowden, 1962b: 48. TYPE LOCALITY: Uganda [H in JB].

DISTRIBUTION: **Afrotropical:** Chad, Congo, Kenya, Uganda.

**fulvonotata**

*Bombylius fulvonotatus* Wiedemann, 1818b: 41. TYPE LOCALITY: Not given [= South Africa (Western Cape) (from type specimen label data)] [2S in ZMHB\*; 1S in NMW\*].

*Bombylius aurovittatus* Macquart, 1850: 423(119). TYPE LOCALITY: “Amérique méridionale” [error, = South Africa] [L designated by Painter & Painter (1974: 14) in BMNH\*].

DISTRIBUTION: **Afrotropical:** Lesotho, South Africa (Eastern Cape, Free State, Northern Cape).

**haemorrhoidalis**

*Bombylius haemorrhoidalis* Bezzi, 1921a: 9. TYPE LOCALITY: “Mashonaland” [= Zimbabwe] [H in SAMC\*].

DISTRIBUTION: **Afrotropical:** Malawi, Tanzania, Zambia, Zimbabwe.

**horni**

*Bombylius horni* Paramonov, 1931a: 257(257). TYPE LOCALITY: Eritrea [H in DEI\*].

DISTRIBUTION: **Afrotropical:** Eritrea, Ethiopia.

**hypoxantha**

*Bombylius hypoxanthus* Loew, 1863a: 12. TYPE LOCALITY: South Africa (Free State) [H in UNKN (sold at auction)].

*Bombylius plagiatus* Bezzi, 1921b: 469 [1922a: 72]. TYPE LOCALITY: South Africa (North-West Province) [1S in SAMC\*; 1S in NMSA\*; 1S in MSNM].

DISTRIBUTION: **Afrotropical**: South Africa (Free State, North-West Province).

**maculata**

*Bombylius maculatus* Fabricius, 1775: 803. TYPE LOCALITY: “ad littora Malabarica” [= India (Karnataka)] [2S in ZMUC].

DISTRIBUTION: **Oriental**: India (Andhra Pradesh, Karnataka, Orissa, Tamil Nadu).

**montium**

*Bombylius montium* François, 1955: 4. TYPE LOCALITY: Burundi, Kenya, Tanzania [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Burundi, Kenya, Tanzania.

**perfusa**

*Bombylius perfusus* François, 1969b: 1477. TYPE LOCALITY: Senegal [H in IFAN].

DISTRIBUTION: **Afrotropical**: Guinea, Senegal.

**suffusa**

*Bombylius suffusus* Walker, 1849: 275. TYPE LOCALITY: “Sierra Leone” [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Sierra Leone.

**tricolor**

*Bombylius tricolor* Guérin-Ménéville, 1835: pl. 95, fig. 4 [1844: 538]. TYPE LOCALITY: Not given [“le Bengale” = India (Bihar or West Bengal) (see Guérin-Ménéville, 1844: 538)] [T (lost) in MNHN].

*Bombylius orientalis* Macquart, 1840: 90 [1841: 368]. TYPE LOCALITY: “Indes orientales” [probably = Indonesia (Java)] [L designated by Evenhuis & Greathead (1999: 99) in MNHN\*].

DISTRIBUTION: **Oriental**: Bangladesh, India (Bihar, Karnataka, Maharashtra, Tamil Nadu, Uttar Pradesh, West Bengal), Indonesia (Java), Pakistan, Sri Lanka.

**uniformis**

*Bombylius uniformis* Paramonov, 1955b: 163. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**vansoni**

*Bombylius vansoni* Hesse, 1936: 161. TYPE LOCALITY: Botswana [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana.

**vertebralis**

*Bombylius punctatus* Fabricius, 1794: 408. TYPE LOCALITY: “Barbaria” [= Algeria or Tunisia] [1S in ZMUC]. [Preoccupied by De Geer, 1776.]

*Bombylius perlatus* Pallas in Wiedemann, 1818a: 18. [Unavailable; name proposed in synonymy with *Bombylius punctatus* Fabricius and not made available before 1961.]

*Bombylius maximus* Wiedemann, 1818a: 18. [Unavailable; name proposed in synonymy with *Bombylius punctatus* Fabricius and not made available before 1961.]

*Bombylius hemipterus* Pallas in Wiedemann, 1818a: 20. [Unavailable; name proposed in synonymy with *Bombylius punctatus* Fabricius (as “*punctatus* Pall.”) and not made available before 1961.]

*Bombilius vertebralis* Dufour, 1833: 7 [1836: 470 (as “*Bombylius*”)]. TYPE LOCALITY: Spain [T (lost) in MNHN].

*Bombylius sticticus* Boisduval, 1835: 664 (new replacement name for *Bombylius punctatus* Fabricius, 1794).

*Bombylius subluna* Walker, 1849: 275. TYPE LOCALITY: Ukraine [2S in BMNH\*].

DISTRIBUTION: **Palaeartic:** Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Czech Republic, Egypt, France, Germany, Greece (incl. Lesbos), Gruzia, Hungary, Iran, Iraq, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kuwait, Kyrgyz Republic, Lebanon, Libya, Moldova, Morocco, Poland, Portugal, Romania, Russia (SET), Slovakia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates.

DISTRIBUTION: **Palaeartic:** Spain.

### **waterbergensis**

*Bombylius analis* var. *waterbergensis* Hesse, 1938: 120. TYPE LOCALITY: South Africa (Northern Province) [H in NMSA\*].

DISTRIBUTION: **Afrotropical:** South Africa (Northern Province).

## Genus **BOMBYLELLA** Greathead

**BOMBYLELLA** Greathead, 1995: 56. Type species: *Bombylius ornatus* Wiedemann, 1828, by original designation.

### **albosparsa**

*Bombylius albosparsus* Bigot, 1892: 362. TYPE LOCALITY: “Pondichéry” [= India (Tamil Nadu)] [2S in BMNH\*].

*Bombylius comastes* Brunetti, 1909b: 225. TYPE LOCALITY: India (Kerala) [H in NZSI].

DISTRIBUTION: **Oriental:** India (Kerala, Maharashtra, Tamil Nadu).

### **argentata**

*Bombylius argentatus* Fabricius, 1805: 134. TYPE LOCALITY: “Guinea” [probably = Ghana] [L designated by François (1968a: 788) in ZMUC].

*Bombylius argyroloma* Bowden, 1964a: 20. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical:** Chad, Eritrea, Ivory Coast, Ghana, Kenya, Malawi, Nigeria, Tanzania, Uganda.

### **arnoldi**

*Bombylius arnoldi* Hesse, 1938: 129. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in NMBZ].

DISTRIBUTION: **Afrotropical:** Zimbabwe.

### **atra**

*Bombylius ater* Scopoli, 1763: 376. TYPE LOCALITY: “Carniolica” [= Slovenia] [T (lost?) in IEUP (see Evenhuis, 1997: 717–19)].

*Bombylivs quartvs* Schaeffer, 1768: pl. 79, fig. 6. [Unavailable; name proposed in a non-binominal work.]

*Bombylivs qvintvs* Schaeffer, 1768: pl. 80, fig. 1. [Unavailable; name proposed in a non-binominal work.]

*Hippobosca atra* Lepekhin, 1774: 311, pl. 19. [Unavailable; name published in a non-binominal work.]

*Hippobosca uralensis* Gmelin, 1790: 2905. TYPE LOCALITY: “deserto Uralensi” [= Kazakhstan or Russia (SET)] [T (destroyed) in NMID (see Thompson & Pont, 1994: 35)].

*Bombylius atratus* Pallas in Wiedemann, 1818a: 18. [Unavailable; name proposed in synonymy with *Bombylius ater* Scopoli (as “*ater* F.”) and not made available before 1961.]

*Bombylius barbulus* Pallas in Wiedemann, 1818a: 18. TYPE LOCALITY: “in australibus observatus” [= Russia (CET or SET) (see Pont, 1995: 150)] [T in NMW (see Note 20)].

*Bombylius lugubris* Loew, 1855: 9. TYPE LOCALITY: Austria [H in NMW].

DISTRIBUTION: **Palaeartic:** Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, Estonia, France, Gibraltar, Greece (incl. Lesbos), Gruzia, Hungary, Iran, Israel, Italy (incl. Sicily), Kazakhstan, Kuwait, Kyrgyz Republic, Latvia, Lebanon, Lithuania, Macedonia, Malta, Oman, Poland, Romania, Russia (CET, ES, SET, WS), Saudi Arabia, Slovakia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Yugoslavia.

#### auricoma

*Bombylius auricomus* Bezzi, 1924a: 44. TYPE LOCALITY: “S. Abyssinia” [= Ethiopia] & “Nyasaland” [= Malawi] & South Africa (KwaZulu-Natal) [5S in BMNH\*; S (lost) in MSNM].

DISTRIBUTION: **Afrotropical:** Eritrea, Ethiopia, Kenya, Malawi, South Africa (KwaZulu-Natal), Uganda.

#### delicata

*Bombylius delicatus* Wiedemann, 1830: 640. TYPE LOCALITY: “Vom Kap” [= South Africa (Western Cape)] [3S in ZMHB\*; 4S in NMW\*].

*Bombylius mutilatus* Bezzi, 1921a: 10. TYPE LOCALITY: South Africa (Eastern Cape) [L designated by Evenhuis & Greathead (1999: 660) in SAMC\*].

*Bombylius delicatus* ssp. *truncatus* Greathead, 1967: 207. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Botswana, Eritrea, Ethiopia, Kenya, Lesotho, Namibia, Somalia, South Africa (Eastern Cape, Free State, KwaZulu-Natal, Western Cape), Tanzania, Uganda, Yemen, Zimbabwe. **Palaeartic:** Saudi Arabia.

#### elegans

*Bombylius elegans* Wiedemann, 1828: 342. TYPE LOCALITY: “Vom Kap” [= South Africa (Western Cape)] [5S in ZMHB\*; 1S in NMW\*].

*Bombylius furiosus* Walker, 1860b: 286. TYPE LOCALITY: South Africa (Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya, Mozambique, South Africa (Eastern Cape, Kwazulu-Natal, Limpopo, Western Cape).

#### firjuzana

*Bombylius firjuzanus* Paramonov, 1929b: 188(190). TYPE LOCALITY: Turkmenistan [H in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Iran, Turkmenistan.

**fusciloba**

*Bombylius fuscilobus* Bezzi, 1924a: 41. TYPE LOCALITY: “Ashanti” [= Ghana] [4S in BMNH\*; 1S in MSNM].

DISTRIBUTION: **Afrotropical**: Benin, Gambia, Ghana, Sierra Leone.

**iridis**

*Bombylius iridis* Greathead, 1967: 206. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Niger.

**kilimandjarica**

*Bombylius kilimandjarica* Speiser, 1910: 75. TYPE LOCALITY: “Kilimandjaro” [= Tanzania] [4S in NHRS].

*Bombylius nitidipunctatus* Bigot in Bezzi, 1921a: 11. [Unavailable; name proposed in synonymy with *Bombylius kilimandjarica* Speiser and not made available before 1961.]

DISTRIBUTION: **Afrotropical**: Angola, Burundi, Kenya, Malawi, South Africa (KwaZulu-Natal), Swaziland, Tanzania.

**koreanus**

*Bombylius koreanus* Paramonov, 1926e: 122(48). TYPE LOCALITY: Korea [H in ZIS; L designated by Zaitzev & Kandybina (1983: 25) invalid].

DISTRIBUTION: **Palearctic**: China (Sichuan), Korea, Russia (FE).

**nigriloba**

*Bombylius nigrilobus* Bezzi, 1920: 99. TYPE LOCALITY: “Africa equatoriale” & “Guinea Portugese” [= Guinea-Bissau] [2S in MCSN].

*Bombylius nigrilobus* Bezzi, 1924a: 40. TYPE LOCALITY: Nigeria [4S in BMNH\*]. [Preoccupied by Bezzi, 1920.]

DISTRIBUTION: **Afrotropical**: Benin, Burkina Faso, Gambia, Ghana, Guinea-Bissau, Nigeria, Senegal, Sudan, Togo.

**nubilosa**

*Bombylius nubilosa* Yang, Yao & Cui, 2014: 243. TYPE LOCALITY: China (Beijing) [H in CAU].

DISTRIBUTION: **Palearctic**: China (Beijing, Liaoning, Shaanxi, Shandong).

**okahandjana**

*Bombylius okahandjanus* Hesse, 1938: 143. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**ornata**

*Bombylius ornatus* Wiedemann, 1828: 345. TYPE LOCALITY: “Vom Kap” [= South Africa (Western Cape)] [L designated by Evenhuis & Greathead (1999: 101) in ZMHB\*].

*Bombylius signifer* Walker, 1852: 200. TYPE LOCALITY: Not given [probably = Afrotropical] [H in BMNH\*].

*Bombylius ornatus* var. *pleuralis* Bezzi, 1924a: 43. TYPE LOCALITY: “Kenya Colony” [= Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Angola, Botswana, Burkina Faso, Eritrea, Ethiopia, Kenya, Mali, Mozambique, South Africa (Eastern Cape, Free State, Gauteng, Mpumalanga, Western Cape), Swaziland, Tanzania, Uganda. **Palearctic**: Saudi Arabia.

**parva**

*Bombylius parvus* Bowden, 1964a: 18. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**plorans**

*Bombylius plorans* Bezzi, 1920: 99. TYPE LOCALITY: Uganda [H in MCSN].

*Bombylius plorans* Bezzi, 1924a: 39. TYPE LOCALITY: “Rhodesia” [= Zimbabwe] [3S in BMNH\*]. [Preoccupied by Bezzi, 1920.]

*Bombylius lugens* Bezzi, 1924a: 40. TYPE LOCALITY: “Ashanti” [= Ghana] & Sierra Leone [2S in BMNH\*].

*Bombylius melanolomus* Hesse, 1938: 135. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in NMBZ].

DISTRIBUTION: **Afrotropical**: Benin, Ghana, Kenya, Nigeria, Senegal, Sierra Leone, Tanzania, Togo, Uganda, Zimbabwe.

**pseudargentata**

*Bombylius pseudargentatus* Paramonov, 1929b: 189(191). TYPE LOCALITY: Egypt [H in MNHN] [Valid by bibliographical reference to Becker, 1910a: 134.]

DISTRIBUTION: **Palaeartic**: Egypt.

**roonwali**

*Bombylius roonwali* Zaitzev, 1988b: 864 [1990: 108]. TYPE LOCALITY: India (Karnataka) [H in ZMUC].

DISTRIBUTION: **Oriental**: India (Karnataka).

**rufiventris**

*Bombylius rufiventris* Macquart, 1846: 244(116). TYPE LOCALITY: South Africa (Kwa-Zulu-Natal) [T (lost?) in MRSN (originally in Brême Collection)].

DISTRIBUTION: **Afrotropical**: Botswana, Kenya, Malawi, South Africa (Kwa-Zulu-Natal, Northern Province), Swaziland, Tanzania, Zambia, Zimbabwe.

**simulans**

*Bombylius simulans* Austen, 1937: 20. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel, Lebanon.

**tripudians**

*Bombylius tripudians* Bezzi, 1924a: 43. TYPE LOCALITY: Angola [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Angola, Kenya.

**tuckeri**

*Bombylius tuckeri* Hesse, 1938: 139. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia.

Genus **BOMBYLISOMA** Rondani

**BOMBYLISOMA** Rondani, 1856: 164. Type species: *Bombylius sulphureus* Mikan, 1796 (as “*Bombylius sulphureus* Fabr.”) [misidentification, = *Bombylius minimus* Scopoli, 1771, by original designation.

**BOMBYLOSOMA**, error for *Bombylisoma* (Marschall, 1873: 323).

[Previous listings of *Bombylosoma* as an emendation are incorrect. None of the Diptera names in Marschall (1873) satisfy the provisions of the *Code* to be emendations. All names in Marschall (1873) with orthography different from the original are merely subsequent misspellings.]

**CHASMONEURA** Hesse, 1938: 586. Type species: *Bombylius argyropygus* Wiedemann, 1821, by original designation.

**albifacies**

*Bombylius albifacies* Macquart, 1855: 100(80). TYPE LOCALITY: “Océanie, cap des Aiguilles” [= South Africa (Western Cape)] [H in BMNH\*]. [Preoccupied by Macquart, 1840.]

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**album**

*Bombylisoma album* Greathead, 2000: 59. TYPE LOCALITY: Namibia [H in NMNW\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**algirum**

*Bombylius algirus* Macquart, 1840: 101 [1841: 379]. TYPE LOCALITY: “De l’Algerie” [= Algeria or Morocco] [1S in OUMNH\*; 4S in MNHN\*].

*Bombylius lutescens* Loew, 1855: 48. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] [H in ZMHB\*].

*Bombylius nigrifrons* Becker in Becker & Stein, 1913b: 83. TYPE LOCALITY: Morocco [L designated by Zaitzev & Kandybina (1983: 30) in ZIS].

DISTRIBUTION: **Palaeartic**: Algeria, Morocco, Spain, “Syrien”, Tunisia.

**argyropygum**

*Bombylius argyropygus* Wiedemann, 1821b: 173. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [H in ZMUC].

*Bombylius fulviceps* Macquart, 1855: 101(81). TYPE LOCALITY: Océanie, cap des Aiguilles” [= South Africa (Western Cape)] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**breviusculus**

*Bombylius brevisculus* Loew, 1855: 47. TYPE LOCALITY: “Kleinasien” [= Greece or Turkey] [L designated by Evenhuis & Greathead (1999: 659) in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, France, Germany, Greece, Gruzia, Iran, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Macedonia, Moldova, Morocco, Poland, Portugal, Romania, Russia (SET), Slovenia, Spain, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

**cinereitinctum**

*Chasmona cinereitincta* Hesse, 1938: 599. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal, Mpumalanga), Zimbabwe.

**coracinum**

*Dischistus coracinus* Loew, 1863a: 13. TYPE LOCALITY: South Africa (Free State) [H in UNKN (sold at auction)].

DISTRIBUTION: **Afrotropical**: South Africa (Free State, KwaZulu-Natal, “Transvaal”), Tanzania.

**croaticum**

*Bombylius barbula* Loew, 1855: 47. TYPE LOCALITY: France [H in ZMHB\*]. [Preoccupied by Pallas, 1818.]

*Dischistus croaticus* Kertész, 1901: 406. TYPE LOCALITY: Croatia [T (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaeartic**: Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, Czech Republic, France, Germany, Greece, Gruzia, Hungary, Iran, Italy, Moldova, Poland, Portugal, Romania, Russia (SET), Slovakia, Slovenia, Spain, Switzerland, Turkey, Ukraine, Yugoslavia.



**farinosum**

*Dischistus farinosus* Bezzi, 1924a: 97. TYPE LOCALITY: Gambia [H in BMNH\*].  
 DISTRIBUTION: **Afrotropical**: Benin, Gambia, Senegal.

**flavibarbum**

*Bombylius flavibarbus* Loew, 1855: 46. TYPE LOCALITY: Greece (Rhodes) [H in ZMHB\*].  
*Bombylius breviostratus* Austen, 1937: 27. TYPE LOCALITY: Israel [H in BMNH\*].  
 DISTRIBUTION: **Palaeartic**: Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, Egypt, Greece (incl. Lesbos, Rhodes), Gruzia, Iran, Israel, Italy, Jordan, Macedonia, Moldova, Russia (SET), Slovenia, Spain, Syria, Tunisia, Turkey, Ukraine, Yugoslavia.

**flavipes**

*Chasmonera flavipes* Hesse, 1938: 612. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC].  
 DISTRIBUTION: **Afrotropical**: Namibia.

**frontale**

*Dischistus frontalis* Loew, 1863a: 13. TYPE LOCALITY: South Africa (Free State) [H in UNKN (sold at auction)].  
 DISTRIBUTION: **Afrotropical**: South Africa (Free State).

**gemmeum**

*Dischistus gemmeus* Bezzi, 1924a: 94. TYPE LOCALITY: “Nyasaland Protectorate” [= Malawi] [9S in BMNH\*; 1S in MSNM].  
 DISTRIBUTION: **Afrotropical**: Kenya, Malawi, Namibia, South Africa (Kwa-Zulu-Natal), Tanzania.

**ghorpadei**

*Bombylisoma ghorpadei* Kapoor & Agarwal in Kapoor, Agarwal & Grewel, 1979: 407. TYPE LOCALITY: India (Karnataka) [H in INPC].  
 DISTRIBUTION: **Oriental**: India (Karnataka).

**horni**

*Chasmonera horni* Hesse, 1938: 609. TYPE LOCALITY: South Africa (North-West Province) [H in DEI\*].  
 DISTRIBUTION: **Afrotropical**: South Africa (North-West Province).

**imitator**

*Bombylius imitator* Loew, 1855: 46. TYPE LOCALITY: “Kleinasien” [= Syria (from type specimen label data)] [6S in ZMHB\*].  
 DISTRIBUTION: **Palaeartic**: Albania, Greece, Hungary, Iran, Italy, Macedonia, Syria, Turkey, Yugoslavia.

**iris**

*Dischistus iris* Szilády, 1942: 99. TYPE LOCALITY: Tanzania [T (destroyed) in HNHM (see Note 9)]  
 DISTRIBUTION: **Afrotropical**: Tanzania.

**kaokoense**

*Chasmonera kaokoensis* Hesse, 1938: 596. TYPE LOCALITY: “S.W. Africa” [= Namibia] [2S in BMNH\*; 9S in SAMC].  
 DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Western Cape).

**lepidum**

*Dischistus lepidus* Loew, 1860a: 85 [1860b: 265; 1860c: 193]. TYPE LOCALITY: “Swakop” [= Namibia] [3S in NHRs].

DISTRIBUTION: **Afrotropical**: Malawi, Namibia.

**loewi**

*Chasmonera loewi* Hesse, 1938: 605. TYPE LOCALITY: “S.W. Africa” [= Namibia] [5S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**melanocephalum**

*Bombylius melanocephalus* Fabricius, 1794: 410. TYPE LOCALITY: “Barbariae floribus” [= Algeria or Tunisia] [1S (lost) in MNHN].

*Bombylius argropyga* Macquart, 1846: 351(223), pl. 10, fig. 9 [in Lucas, 1849: 451]. TYPE LOCALITY: Not given [= Algeria (see Macquart in Lucas, 1849: 451)] [H in MNHN\*]. [Preoccupied by Wiedemann, 1821.]

*argropega*, incorrect subsequent spelling of *argropyga* (Macquart in Lucas, 1847, pl. 4, fig. 6).

DISTRIBUTION: **Palearctic**: Algeria, Armenia, Austria, Azerbaijan, Czech Republic, France, Gruzia, Hungary, Italy, Moldova, Portugal, Russia (SET), Slovakia, Spain, Switzerland, Tunisia, Turkey, Ukraine.

**microlepidum**

*Bombylisoma microlepidum* Bowden, 1973: 156. TYPE LOCALITY: Madagascar [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Madagascar.

**minimum**

*Bombylius minimus* Scopoli, 1771: 123. TYPE LOCALITY: “Hungarica circa Cremnitzium” [= Hungary] [T (lost?) in IEUP (see Evenhuis, 1997: 717–19)].

*Bombylius minimus* Schrank, 1781: 492. TYPE LOCALITY: Austria [T in UNKN]. [Preoccupied by Scopoli, 1771.]

*Bombylius flavus* Meigen, 1804: 184. TYPE LOCALITY: France [T in UNKN].

DISTRIBUTION: **Palearctic**: Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, France, Germany, Greece, Gruzia, Hungary, Iran, Italy, Macedonia, Moldova, Poland, Portugal, Romania, Russia (SET), Slovakia, Slovenia, Spain, Switzerland, Syria, Turkey, Ukraine, Yugoslavia.

**nigellum**

*Chasmonera nigella* Greathead, 1970: 100. TYPE LOCALITY: Mauritania [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Gambia, Mali, Mauritania, Senegal.

**nigriceps**

*Dischistus nigriceps* Loew, 1862b: 164. TYPE LOCALITY: “Varna” [= Bulgaria] [L designated by Evenhuis & Greathead (1999: 663) in ZMHB\*].

*Dischistus nigricephalus* Séguy, 1926: 238. TYPE LOCALITY: France [S in MNHN].

DISTRIBUTION: **Palearctic**: Armenia, Austria, Azerbaijan, Bulgaria, France, Greece, Gruzia, Hungary, Iran, Italy, Moldova, Poland, Romania, Russia (SET), Slovakia, Spain, Switzerland, Turkey, Ukraine.

**noctum**

*Bombylisoma noctum* Greathead, 1980b: 310. TYPE LOCALITY: Yemen [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen.

**notatum**

*Dischistus notatus* Engel, 1933b: 191. TYPE LOCALITY: Spain [H in NMW\*].  
DISTRIBUTION: **Palaeartic**: Italy, Spain.

**nucale**

*Dischistus nucalis* Bezzi, 1924a: 96. TYPE LOCALITY: Angola [7S in NMW].  
DISTRIBUTION: **Afrotropical**: Angola, Kenya, Malawi, Namibia, Nigeria, Tanzania, Uganda.

**resplendens**

*Dischistus resplendens* Brunetti, 1909a: 481 [1909b: 226]. TYPE LOCALITY: India (Himachal Pradesh) [H in NZSI].  
DISTRIBUTION: **Oriental**: India (Andhra Pradesh, Assam, Himachal Pradesh, Sikkim, Uttar Pradesh), Nepal, Sri Lanka, Thailand.

**rhodesianum**

*Chasmoneura rhodesiana* Hesse, 1938: 602. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (KwaZulu-Natal), Zimbabwe.

**senegalense**

*Bombylius senegalensis* Macquart, 1840: 99 [1841: 377]. TYPE LOCALITY: “Sénégal” [= Gambia or Senegal] [H in MNHN\*].  
*Bombylius vitripennis* Loew, 1855: 46. TYPE LOCALITY: Eritrea [H in ZMHB\*].  
*Dischistus pectoralis* Loew, 1863a: 14. TYPE LOCALITY: South Africa (Free State) [H in UNKN (sold at auction)].  
*Dischistus diadematus* Bezzi, 1912: 610. TYPE LOCALITY: Nigeria [H in BMNH\*].  
*Dischistus gibbicornis* Bezzi, 1923b: 323 [1924a: 98]. TYPE LOCALITY: “Kenya Protectorate” [= Kenya] [H in MNHN].  
DISTRIBUTION: **Afrotropical**: Angola, Botswana, Burkina Faso, Chad, Eritrea, Ethiopia, Gambia, Ghana, Hungary, Italy (Sicily), Kenya, Malawi, Mali, Mauritania, Mozambique, Niger, Nigeria, Portugal, Senegal, Sierra Leone, Somalia, South Africa (Free State, KwaZulu-Natal), Sudan, Swaziland, Tanzania, Uganda, Yemen, Zambia, Zimbabwe. **Palaeartic**: Saudi Arabia, United Arab Emirates.

**simba**

*Bombylisoma simba* Bowden, 1973: 155. TYPE LOCALITY: Kenya [H in JB].  
DISTRIBUTION: **Afrotropical**: Kenya, Tanzania.

**simulator**

*Bombylius simulator* Loew, 1855: 46. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] [8S in ZMHB\*; 2S in OUMNH\*].  
DISTRIBUTION: **Palaeartic**: Croatia, Greece, Iran, Italy, Macedonia, Syria, Turkey, Yugoslavia.

**sinaiticum**

*Dischistus sinaiticus* Efflatoun, 1945: 246. TYPE LOCALITY: Egypt [1S in ECF; S in ESEC].  
DISTRIBUTION: **Palaeartic**: Egypt.

**tripunctatum**

*Bombylius tripunctatus* Macquart, 1840: 101 [1841: 379]. TYPE LOCALITY: “Patrie inconnue” [= Egypt (from type specimen label data)] [L designated by Evenhuis & Greathead (1999: 662) in MNHN\*].

*Dischistus trigonus* Bezzi, 1925: 169. TYPE LOCALITY: Egypt [S (destroyed) in ESEC (see Note 4); 1S in MSNM; 1S in DEI\*].

*Dischistus pulchellus* Austen, 1937: 43. TYPE LOCALITY: Israel (Gaza Strip) [8S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Sudan. **Palearctic**: Egypt, Iran, Israel (incl. Gaza Strip), Saudi Arabia.

**turkmenicum**

*Dischistus turkmenicus* Paramonov, 1926c: 158. TYPE LOCALITY: Tajikistan [H (lost) in SIZK].

*Dischistus turkmenicus* var. *flavisetis* Paramonov, 1940c: 85, 344. TYPE LOCALITY: Turkmenistan [2S in SIZK; 1S in ZMHB\*].

DISTRIBUTION: **Palearctic**: Iran, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

**twiga**

*Bombylisoma twiga* Greathead, 1996a: 20. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania.

**unicolor**

*Bombylius unicolor* Loew, 1855: 47. TYPE LOCALITY: Italy (Sicily) [4S in ZMHB\*; 1S in OUMNH\*].

DISTRIBUTION: **Palearctic**: Albania, Algeria, Armenia, Azerbaijan, Bulgaria, Croatia, Egypt, Greece, Gruzia, Hungary, Iran, Italy (incl. Sicily), Libya, Moldova, Romania, Russia (SET), Spain, Tunisia, Turkey, Ukraine, Yugoslavia.

Genus **BOMBYLIUS** Linnaeus

**BOMBYLIUS** Linnaeus, 1758: 606. Type species: *Bombylius major* Linnaeus, 1758, by subsequent designation (Latreille, 1810: 443).

Subgenus **BOMBYLIUS** Linnaeus

**aaroni**

*Bombylius aaroni* Báez, 1983a: 250. TYPE LOCALITY: Canary Is [H in MABC].

DISTRIBUTION: **Palearctic**: Canary Is.

**acrophylax**

*Bombylius acrophylax* Greathead, 1991b: 247. TYPE LOCALITY: Burundi [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Burundi, Eritrea, Kenya, Tanzania, Uganda.

**aestivus**

*Bombylius aestivus* Johnson & Johnson, 1975: 416. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Utah).

**agilis**

*Bombylius agilis* Olivier, 1789: 328. TYPE LOCALITY: “Provence” [= France] [T in UNKN].

DISTRIBUTION: **Palearctic**: France.

**aksarayensis**

*Bombylius aksarayensis* Hasbenli & Zaitzev, 2000: 105. TYPE LOCALITY: Turkey [H in ZMGU].

DISTRIBUTION: **Palaeartic**: Turkey.

**albicapillus**

*Bombylius albicapillus* Loew, 1872a: 78 [1872c: 254]. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1980: 6) in MCZ\*].

*Bombylius heximaculatus* Johnson & Johnson, 1975: 410. TYPE LOCALITY: USA (Utah) [H in BYU\*].

*atricapillus*, error for *albicapillus*.

DISTRIBUTION: **Nearctic**: Canada (Alberta, Northwest Territories), USA (California, Idaho, Montana, Oregon, Utah, Washington).

**albaminis**

*Bombylius albaminis* Séguy, 1949: 156. TYPE LOCALITY: Morocco [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Morocco.

**alexandri**

*Bombylius modestus* ssp. *alexandri* Paramonov, 1940c: 232, 383. TYPE LOCALITY: Armenia [17S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Israel.

**altaicus**

*Bombylius altaicus* Paramonov, 1940c: 194, 378. TYPE LOCALITY: Russia (WS) [S (lost) in ZMUM].

DISTRIBUTION: **Palaeartic**: Russia (WS).

**altimya**

*Bombylius fuscilatus* Bath, 1974: 98. [Unavailable; name proposed in an unpublished thesis.]

*Bombylius altimya* Hall & Evenhuis, 1980: 7. TYPE LOCALITY: USA (California) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**altivolans**

*Bombylius maculithorax* ssp. *altivolans* François, 1969e: 175. TYPE LOCALITY: Afghanistan [H in ZSMC].

DISTRIBUTION: **Palaeartic**: Afghanistan.

**ambustus**

*Bombylius ambustus* Pallas & Wiedemann in Wiedemann, 1818a: 21. TYPE LOCALITY: “In australibus campis ad Irтин fl. tantum” [= Kazakhstan (see Pont, 1995: 150)] [T in NMW (see Note 20)].

*Bombylius dispar* Meigen, 1820: 196. TYPE LOCALITY: “Oesterreich” [probably = Austria] [S (destroyed) in NMW (see Note 18)].

*Bombylius senex* Rondani, 1863: 69 [1864: 69]. TYPE LOCALITY: “Caucasiae” [probably = Gruzia] [T in UNKN].

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Austria, Azerbaijan, Belarus, China (Beijing, Nei Monggol, Shaanxi), Croatia, Czech Republic, Estonia, France, Germany, Greece, Gruzia, Hungary, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Moldova, Mongolia, Poland, Russia (CET, SET), Slovakia, Spain, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

**analis** ssp. **analis**

*Bombylius analis* Olivier, 1789: 327. TYPE LOCALITY: "Provence" [= France] [L designated by Evenhuis & Greathead (1999: 108) in OUMNH\*].

*Bombylius undatus* Mikan, 1796: 38. TYPE LOCALITY: "Bohemiae" [= Czech Republic] [T in UNKN].

DISTRIBUTION: **Oriental:** China (Yunnan). **Palaeartic:** Afghanistan, Algeria, Armenia, Austria, Azerbaijan, Belarus, China (Sichuan), Cyprus, Czech Republic, Egypt, Estonia, France, Germany, Hungary, Iran, Italy (incl. Sicily), Kyrgyz Republic, Latvia, Libya, Lithuania, Moldova, Morocco, Poland, Portugal, Russia (CET, SET), Slovakia, Spain, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

**analis** ssp. **diagonalis**

*Bombylius diagonalis* Wiedemann in Meigen, 1820: 189. TYPE LOCALITY: Portugal [H in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Austria, Bosnia-Herzegovina, Croatia, Estonia, France, Greece, Gruzia, Italy, Latvia, Lithuania, Macedonia, Malta, Moldova, Portugal, Russia (CET, ES, SET), Slovenia, Spain, Turkey, Ukraine, Yugoslavia.

**angulatus**

*Bombylius angulatus* Macquart, 1826: 372. TYPE LOCALITY: France [T (lost?) in MNVL].

DISTRIBUTION: **Palaeartic:** France, Italy.

**antennipilosus**

*Bombylius antennipilosus* Paramonov, 1926e: 101(27). TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaeartic:** Kazakhstan, Tajikistan, Uzbekistan.

**anthophilus**

*Bombylius anthophilus* Evenhuis, 1983b: 218. TYPE LOCALITY: USA (California) [H in BPBM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (Arizona, California).

**ardens**

*Bombylius ardens* Walker, 1849: 284. TYPE LOCALITY: "East Indies" [= India] [H in BMNH\*].

DISTRIBUTION: **Oriental:** India (Karnataka).

**arenosus**

*Bombylius arenosus* Paramonov, 1940c: 232, 383. TYPE LOCALITY: Uzbekistan [2S in SIZK].

DISTRIBUTION: **Palaeartic:** Kazakhstan, Turkmenistan, Uzbekistan.

**argentarius**

*Bombylius argentarius* Séguéy, 1934c: 74. TYPE LOCALITY: Tunisia [H in MNHN\*].

DISTRIBUTION: **Palaeartic:** Tunisia.

**argentifacies**

*Bombylius argentifacies* Austen, 1937: 24. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic:** Israel, Jordan.

**arizonicus**

*Bombylius albimaculus* Bath, 1974: 86. [Unavailable; name published in an unpublished thesis.]

*Bombylius arizonicus* Hall & Evenhuis, 1980: 12. TYPE LOCALITY: USA (Arizona) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**armeniacus**

*Bombylius armeniacus* Paramonov, 1925e: 34. TYPE LOCALITY: Armenia [2S in SIZK].

DISTRIBUTION: **Palaearctic**: Armenia.

**atriceps**

*Bombylius atriceps* Loew, 1863d: 301 [1864: 185]. TYPE LOCALITY: USA (Florida) [L designated by Hall & Evenhuis (1980: 15) in MCZ\*].

*Bombylius subvarius* Johnson, 1907: 98. TYPE LOCALITY: USA (Pennsylvania) [L designated by Evenhuis (1982b: 18) in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario, Quebec), USA (Arkansas, Connecticut, Delaware, Florida, Georgia, Illinois, Iowa, Kansas, Michigan, Minnesota, Nebraska, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Virginia, Wisconsin, West Virginia).

**audcenti**

*Bombylius audcenti* Bowden, 1984: 203. TYPE LOCALITY: Morocco [H in MNHN\*].

DISTRIBUTION: **Palaearctic**: Morocco.

**aureocookae**

*Bombylius aureocookae* Evenhuis, 1984b: 292. TYPE LOCALITY: Mexico (Durango) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: Mexico (Durango).

**aureus**

*Bombylius auritunicus* Bath, 1974: 135. [Unavailable; name proposed in an unpublished thesis.]

*Bombylius aureus* Hall & Evenhuis, 1980: 16. TYPE LOCALITY: USA (California) [H in BPBM\*].

*Bombylius sierra* Evenhuis & Greathead, 1999: 133 (new replacement name for *Bombylius aureus* Hall & Evenhuis, 1980).

DISTRIBUTION: **Nearctic**: USA (California).

**aurifer**

*Bombylius aurifer* Osten Sacken, 1877: 249. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1980: 18) in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta, British Columbia, Saskatchewan), USA (California, Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington).

**auriferoides**

*Bombylius auriferoides* Johnson & Johnson, 1975: 417. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Idaho, Utah).

**austini**

*Bombylius austini* Painter, 1933a: 16. TYPE LOCALITY: USA (Texas) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (Texas).

**axillaris**

*Bombylius axillaris* Meigen, 1830: 327. TYPE LOCALITY: Not given [= France, Germany, or Italy (see Meigen, 1818: x)] [T in UNKN].  
DISTRIBUTION: **Palearctic**: Central Europe.

**aztec**

*Bombylius aztec* Evenhuis, 1984b: 295. TYPE LOCALITY: Mexico (México) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Guanajuato, México).

**balion**

*Bombylius fractizon* Bath, 1974: 94. [Unavailable; name proposed in an unpublished thesis.]  
*Bombylius balion* Hall & Evenhuis, 1980: 22. TYPE LOCALITY: USA (California) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California).

**ballmeri**

*Bombylius plenizon* Bath, 1974: 108. [Unavailable; name proposed in an unpublished thesis.]  
*Bombylius ballmeri* Hall & Evenhuis, 1980: 23. TYPE LOCALITY: USA (California) [H in BPBM\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico).

**basifumatus**

*Bombylius basifumatus* Speiser, 1914: 5. TYPE LOCALITY: Cameroon [6S (destroyed) in PSPC (see Evenhuis, 1997: 741)].  
DISTRIBUTION: **Afrotropical**: Cameroon, ?Ethiopia, Tanzania, Uganda.

*basipennis*

*Bombylius basipennis* Evenhuis, 1978b: 101. *Nomen nudum*.

**bedouinus**

*Bombylius bedouinus* Efflatoun, 1945: 312. TYPE LOCALITY: Egypt [17S in ECF; 18S (destroyed) in ESEC (see Note 4)].  
DISTRIBUTION: **Palearctic**: Egypt.

**boharti**

*Bombylius boharti* Evenhuis, 1984b: 295. TYPE LOCALITY: Mexico (Baja California Sur) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur).

**breviabdominalis**

*Bombylius breviabdominalis* Evenhuis, 1977: 125. TYPE LOCALITY: USA (California) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (California).

*brevicolor*

*Bombylius brevicolor* Bath, 1974: 140. [Unavailable; name proposed in an unpublished thesis.]



**brevirostris**

*Bombylius brevisrostris* Olivier, 1789: 328. TYPE LOCALITY: “Provence & en Languedoc [&] Paris” [= France] [S in UNKN].

DISTRIBUTION: **Palaeartic**: France.

**c-album**

*Bombylius c-album* Evenhuis, 1984b: 296. TYPE LOCALITY: Mexico (Puebla) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Hidalgo, Jalisco, Puebla).

**cachinnans**

*Bombylius cachinnans* Osten Sacken, 1877: 250. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1980: 29) in MCZ\*].

*Bombylius conjunctus* Bath, 1974: 128. [Unavailable; name proposed in an unpublished thesis.]

DISTRIBUTION: **Nearctic**: USA (California).

**californicus**

*Bombylius californicus* Evenhuis & Tabet, 1981a: 201. TYPE LOCALITY: USA (California) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**candidifrons**

*Bombylius candidifrons* Austen, 1937: 25. TYPE LOCALITY: Israel (Gaza Strip) [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel (Gaza Strip).

**candidus**

*Bombylius candidus* Loew, 1855: 34. TYPE LOCALITY: “Persien” [= Iran] [T in UNKN].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, China (Shanghai), Germany, Gruzia, Iran, Israel, Moldova, Russia (SET), Syria, Turkey, Ukraine.

**canescens**

*Bombylius canescens* Mikan, 1796: 54. TYPE LOCALITY: “Bohemiae” [= Czech Republic] [T in UNKN].

*Bombylius cinereus* Meigen, 1804: 185. TYPE LOCALITY: Not given [= France, Germany, or Italy; see Meigen (1818: x)] [T in UNKN]. [Preoccupied by Olivier, 1789.]

*Bombylius sericeus* Meigen, 1820: 203 (unjustified new replacement name for *Bombylius canescens* Mikan, 1796; see Note 33 for details).

*Bombylius variabilis* Loew, 1855: 19. TYPE LOCALITY: “Deutschland” & Italy (Sicily) & France (Corsica) [S in UNKN].

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, France (incl. Corsica), Germany, Greece (incl. Corfu, Lesbos), Gruzia, Hungary, Ireland, Italy (incl. Sicily), Latvia, Libya, Lithuania, Malta, Moldova, Netherlands, Poland, Romania, Russia (CET, SET), Slovakia, Slovenia, Spain, Switzerland, Syria, Turkey, Turkmenistan, UK (Great Britain, Northern Ireland), Ukraine, Yugoslavia.

**chinensis**

*Bombylius chinensis* Paramonov, 1931b: 76(76). TYPE LOCALITY: China (Shandong) [18S in BMNH\*; 2S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: China (Beijing, Liaoning, Nei Monggol, Shaanxi, Shandong, Tianjin, Xizang).

**cinerascens**

*Bombylius cinerascens* Mikan, 1796: 50. TYPE LOCALITY: “Bohemiae” [= Czech Republic] [T in UNKN].

*Bombylius floralis* Meigen, 1820: 206. TYPE LOCALITY: Not given [= France, Germany, or Italy (see Meigen, 1818: x)] [H in MNHN\*].

DISTRIBUTION: **Palaeartic:** Albania, Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, France, Germany, Greece (incl. Lesbos), Gruzia, Hungary, Israel, Italy, Macedonia, Moldova, Poland, Romania, Russia (SET), Saudi Arabia, Slovakia, Slovenia, Spain, Switzerland, Turkey, Ukraine, Yugoslavia.

**cinereus**

*Bombylius cinereus* Olivier, 1789: 328. TYPE LOCALITY: “Provence” [= France] [T in UNKN].

DISTRIBUTION: **Palaeartic:** France.

**cinerivus**

*Bombylius cinereus* Bigot, 1892: 364. TYPE LOCALITY: USA (California) [H in BMNH\*]. [Preoccupied by Olivier, 1789.]

*Bombylius cinerivus* Painter, 1962: 5 (new replacement name for *Bombylius cinereus* Bigot, 1892).

*Bombylius griseus* Bigot in Painter & Painter, 1962: 5. *Nomen nudum*. [Preoccupied by Fabricius, 1787.]

DISTRIBUTION: **Nearctic:** USA (California).

**cirrhopus**

*Bombylius fulvipes* Bigot, 1892: 362. TYPE LOCALITY: “Pondichéry” [= India (Tamil Nadu)] [H in BMNH\*]. [Preoccupied by Villers, 1789.]

*Bombylius cirrhopus* Evenhuis, 1978b: 101 (new replacement name for *Bombylius fulvipes* Bigot, 1892).

DISTRIBUTION: **Oriental:** India (Maharashtra, Tamil Nadu, Uttar Pradesh), Pakistan.

**citrinus**

*Bombylius citrinus* Loew, 1855: 31. TYPE LOCALITY: France [3S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, Cyprus, France, Germany, Greece (incl. Corfu), Gruzia, Hungary, Iran, Italy, Macedonia, Malta, Moldova, Poland, Portugal, Romania, Russia (SET), Slovenia, Spain, Turkey, Ukraine.

**clio**

*Bombylius clio* Williston, 1901: 285. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 6) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Guanajuato, Guerrero, Jalisco, México, Michoacán de Ocampo, Morelos, Puebla). **Neotropical:** Guatemala, Mexico (Chiapas, Oaxaca).

**collaris**

*Bombylius collaris* Becker, 1906b: 100. TYPE LOCALITY: Tunisia [3S in UNKN].

DISTRIBUTION: **Palaeartic:** Egypt, Libya, Tunisia.

**comanche**

*Bombylius comanche* Painter in Painter & Painter, 1962: 11. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Canada (Ontario), USA (Arkansas, Colorado, Kansas, Michigan, Missouri, Montana, Nebraska, New Mexico, Oklahoma, South Dakota, Texas).

### crassitarsis

*Bombylius crassitarsis* Paramonov, 1940c: 190, 376. TYPE LOCALITY: Uzbekistan [H (lost) in ZMUM].

DISTRIBUTION: **Palaeartic:** Israel, Uzbekistan.

### crataegus

*Bombylius crataegus* Sherborn, 1932: 233. *Nomen nudum*.

### curtirhynchus

*Bombylius longilineatus* Bath, 1974: 50. [Unavailable; name proposed in an unpublished thesis.]

*Bombylius curtirhynchus* Evenhuis, 1978a: 34. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (California).

### depereti†

*Bombylius depereti* Meunier, 1915b: 13. TYPE LOCALITY: France (Oligocene) [C] [H in GMUG].

DISTRIBUTION: **Palaeartic:** France (Oligocene).

### depictus

*Bombylius depictus* Milne Edwards, 1828: 30, pl. 45, fig. 1. TYPE LOCALITY: Not given [= Europe] [T in UNKN].

DISTRIBUTION: **Palaeartic:** Europe.

### deserticola

*Bombylius deserticola* Paramonov, 1940c: 233, 384. TYPE LOCALITY: Uzbekistan [2S in SIZK].

DISTRIBUTION: **Palaeartic:** Kazakhstan, Uzbekistan.

### desertivagus

*Bombylius dorsalis* Loew, 1873: 187. TYPE LOCALITY: Kazakhstan [5S in ZMHB\*]. [Preoccupied by Olivier, 1789.]

*Bombylius desertivagus* Paramonov, 1940c: 140, 370 (new replacement name for *Bombylius dorsalis* Loew, 1873).

DISTRIBUTION: **Oriental:** Pakistan. **Palaeartic:** Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

### diegoensis

*Bombylius albicapillus* var. *diegoensis* Painter, 1933a: 16. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (Arizona, California).

### discolor

*Bombylius discolor* Mikan, 1796: 27. TYPE LOCALITY: “Bohemia” [= Czech Republic] [T in UNKN].

DISTRIBUTION: **Oriental:** China (Yunnan). **Palaeartic:** Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, China (Beijing, Nei Monggol), Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Italy (incl. Sicily), Latvia, Libya, Lithuania, Moldova, Poland,

Portugal, Romania, Russia (CET, NET, SET), Slovakia, Spain, Switzerland, Turkey, UK (Great Britain), Ukraine, Yugoslavia.

**dorsalis**

*Bombylius dorsalis* Olivier, 1789: 327. TYPE LOCALITY: “Provence [&] en Languedoc” [= France] [S in UNKN].

DISTRIBUTION: **Palaeartic**: France.

**duncani**

*Bombylius duncani* Painter, 1940: 275. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, New Mexico).

**eboreus**

*Bombylius eboreus* Painter, 1940: 270. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Colorado, New Mexico, Texas).

**efflatounbeyi**

*Bombylius minusculus* Efflatoun, 1945: 346. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)]. [Preoccupied by Hesse, 1938.]

*Bombylius efflatounbeyi* Hesse, 1961: 94 (new replacement name for *Bombylius minusculus* Efflatoun, 1945).

*Bombylius efflatounbeyi* Evenhuis, 1978b: 101 (new replacement name for *Bombylius minusculus* Efflatoun, 1945). [Preoccupied by Hesse, 1961.]

DISTRIBUTION: **Palaeartic**: Egypt.

**elbayensis**

*Bombylius cinerarius* var. *elbayensis* Efflatoun, 1945: 319. TYPE LOCALITY: Egypt [32S in ECF].

*Bombylius cinereipilus* Greathead, 1967: 216. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Kenya, Sudan, Tanzania. **Palaeartic**: Egypt, Saudi Arabia.

**elongatus**

*Bombylius elongatus* Rossi, 1794: 78. TYPE LOCALITY: Italy [T in UNKN].

DISTRIBUTION: **Palaeartic**: Italy.

**eploceus**

*Bombylius eploceus* Séguy, 1949: 155. TYPE LOCALITY: Morocco [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Morocco.

**erythrocerus**

*Bombylius erythrocerus* Bezzi, 1901: 12. TYPE LOCALITY: Eritrea [3S in MSNM].

*Bombylius rufoantennatus* Becker, 1909: 115 [1910b: 23] (as “*rufo-antennatus*”).  
TYPE LOCALITY: “Afrique orientale anglaise” [= Kenya] [2S in MNHN\*].

DISTRIBUTION: **Afrotropical**: Congo, Eritrea, Kenya, Somalia, Tanzania.

**exiguus**

*Bombylius exiguus* Walker, 1871b: 272. TYPE LOCALITY: Sudan [H (lost) in BMNH (see Waterhouse, 1906: 598)].

DISTRIBUTION: **Afrotropical**: Sudan.

**facialis**

*Bombylius facialis* Cresson, 1919: 187. TYPE LOCALITY: USA (Arizona) [H in ANSP\*].  
 DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (Arizona, California, Colorado, Idaho, New Mexico, Utah).

**fallax**

*Bombylius fallax* Austen, 1937: 31. TYPE LOCALITY: Israel [H in BMNH\*].  
 DISTRIBUTION: **Palaeartic**: Israel.

**favillaceus**

*Bombylius favillaceus* Meigen, 1820: 211. TYPE LOCALITY: Not given [probably = western Europe] [5S in MNHN\*].  
 DISTRIBUTION: **Palaeartic**: Western Europe.

**femoralis**

*Bombylius femoralis* Bezzi, 1924a: 52. TYPE LOCALITY: “Abyssinia” [= Ethiopia] [H in BMNH\*].  
 DISTRIBUTION: **Afrotropical**: Ethiopia.

**ferruginus**

*Bombylius ferruginus* Yang, Yao & Cui, 2014: 255. TYPE LOCALITY: China (Beijing) [H in CAU].  
 DISTRIBUTION: **Palaeartic**: China (Beijing).

**fimbriatus** ssp. **debilis**

*Bombylius debilis* Loew, 1855: 16. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] [5S in ZMHB\*].  
 DISTRIBUTION: **Palaeartic**: Israel, Syria.

**fimbriatus** ssp. **fimbriatus**

*Bombylius fimbriatus* Meigen, 1820: 191. TYPE LOCALITY: “Oesterreich” [probably = Austria] [H in MNHN\*].  
*Bombylius dimidiatus* Wiedemann in Meigen, 1820: 192. TYPE LOCALITY: “Oesterreich” [probably = Austria] [T (destroyed) in NMW (see Note 18)].  
*Bombylius fimbriatus* var. *expleta* Loew, 1855: 15. TYPE LOCALITY: “Kleinasien” [= Greece or Turkey] [2S in ZMHB\*].  
*Bombylius ventralis* Loew, 1855: 15. TYPE LOCALITY: France (Corsica) [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Austria, Azerbaijan, Belarus, Belgium, Cyprus, Czech Republic, Egypt, Estonia, France (incl. Corsica), Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Moldova, Morocco, Poland, Romania, Russia (CET, SET, WS), Slovakia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**fisheri**

*Bombylius fisheri* Evenhuis, 1984b: 301. TYPE LOCALITY: Nicaragua [H in BPBM\*].  
 DISTRIBUTION: **Nearctic**: Mexico (Nayarit, Puebla, Sinaloa). **Neotropical**: Guatemala, Honduras, Mexico (Oaxaca), Nicaragua.

**flavicalcaratus**

*Bombylius niveus* ssp. *flavicalcaratus* Lindner, 1975: 8. TYPE LOCALITY: Iran [3S in SMNS].  
 DISTRIBUTION: **Palaeartic**: Iran.

**flaviceps**

*Bombylius flaviceps* Macquart, 1840: 88 [1841: 366]. TYPE LOCALITY: “D’Afrique” [= South Africa (Western Cape) (from type specimen label data)] [H in MNHN\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**flavifacies**

*Bombylius flavifacies* Hall & Evenhuis, 1980: 44. TYPE LOCALITY: USA (California) [H in BPBM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (California).

**flavipes**

*Bombylius flavipes* Wiedemann, 1828: 568. TYPE LOCALITY: Egypt [8S in SMFD; 1S in NMW\*].  
*Bombylius pygargus* Loew in Bezzi, 1925: 163. *Nomen nudum*.  
DISTRIBUTION: **Palaeartic**: Egypt, Iran, Italy, Libya, Morocco, Spain, Turkey, Yugoslavia.

**flavipilosus**

*Bombylius flavipilosa* Cole, 1923: 308. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (Arizona, New Mexico).

*flaviscapus*

*Bombylius flaviscapus* Bath, 1974: 119. [Unavailable; name proposed in an unpublished thesis.]

**flavisetosus**

*Bombylius flavisetosus* Abbassian-Lintzen, 1965: 536. TYPE LOCALITY: Iran [H in TUPH].  
DISTRIBUTION: **Palaeartic**: Iran, Iraq.

**floccosus**

*Bombylius floccosus* Loew, 1857b: 83. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] [1S in OUMNH\*; 3S in ZMHB\*].  
*Bombylius nigropenicillatus* Bigot, 1892: 362. TYPE LOCALITY: “Asie Mineure” [= Turkey] [2S in OUMNH\*].  
DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Bulgaria, Egypt, Greece, Georgia, Iran, Italy, Macedonia, Malta, Romania, Syria, Turkey, Yugoslavia.

**forbesi**

*Bombylius forbesi* Evenhuis, 1983b: 216. TYPE LOCALITY: Mexico (Durango) [H in BPBM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Durango).

**fossilis**<sup>†</sup>

*Bombylius fossilis* Handlirsch, 1907c: 1012. TYPE LOCALITY: Germany (Miocene) [C] [H in NMW].  
DISTRIBUTION: **Palaeartic**: Germany (Miocene).

**fraudator**

*Bombylius fraudator* Greathead, 1991b: 246. TYPE LOCALITY: Burundi [H in KBIN\*].  
DISTRIBUTION: **Afrotropical**: Burundi, Tanzania.

**fraudulentus**

*Bombylius fraudulentus* Johnson, 1907: 99. TYPE LOCALITY: USA (Massachusetts) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Connecticut, District of Columbia, Georgia, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, South Carolina, Virginia).

**frommerorum**

*Bombylius pallidus* Bath, 1974: 143. [Unavailable; name proposed in an unpublished thesis.] [Preoccupied by Abbassian-Lintzen, 1965.]

*Bombylius frommerorum* Hall & Evenhuis, 1980: 48. TYPE LOCALITY: USA (New Mexico) [H in CAS\*].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Coahuila), USA (Arizona, New Mexico, Texas).

**fulvescens**

*Bombylius fulvescens* Wiedemann in Meigen, 1820: 205. TYPE LOCALITY: Portugal [H in ZMHB\*].

*Bombylius apicalis* Meigen, 1820: 208. TYPE LOCALITY: Not given [= France, Germany, or Italy (see Meigen, 1818: x)] [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, ?China, Croatia, Czech Republic, Egypt, Greece (incl. Zakynthos), Gruzia, Hungary, Iran, Iraq, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Macedonia, Malta, Moldova, Poland, Portugal, Romania, Russia (CET, SET), Saudi Arabia, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**fulvibasoides**

*Bombylius atriceps* ssp. *fulvibasoides* Painter in Painter & Painter, 1962: 8. TYPE LOCALITY: USA (New York) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Connecticut, District of Columbia, Illinois, Indiana, Iowa, Maryland, Massachusetts, Michigan, New Jersey, New York, Ohio, Oklahoma, Vermont, Virginia, West Wisconsin).

**fulvipes**

*Bombylius fulvipes* Villers, 1789: 609. TYPE LOCALITY: “Europa” [T in UNKN].

DISTRIBUTION: **Palaeartic**: “Europa”.

**fumosus**

*Bombylius fumosus* Dufour, 1852: 7. TYPE LOCALITY: Spain [L designated by Evenhuis & Greathead (1999: 659) in MNHN\*].

DISTRIBUTION: **Palaeartic**: Spain.

**fuscus**

*Bombylius fuscus* Fabricius, 1781: 474. TYPE LOCALITY: “Italia” [1S (destroyed) in ZMUC (V. Michelsen, pers. comm.)].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Egypt, Greece, Gruzia, Iran, Iraq, Israel, Italy (incl. Sicily), Portugal, Spain, Turkmenistan.

**gossyporrhus**

*Bombylius gossyporrhus* Evenhuis, 1984b: 304. TYPE LOCALITY: Mexico (Durango) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: Mexico (Durango).

**gracilipes**

*Bombylius gracilipes* Becker, 1906b: 106. TYPE LOCALITY: Algeria [H in SMNS].  
DISTRIBUTION: **Palaeartic**: Algeria.

**grandiosus**

*Bombylius grandiosus* Evenhuis, 1984b: 305. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Morelos).

**halli**

*Bombylius halli* Evenhuis & Tabet *in* Tabet, 1979: 43. [Unavailable; name proposed in an unpublished thesis.]  
*Bombylius halli* Evenhuis & Tabet, 1981a: 202. TYPE LOCALITY: USA (Idaho) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: USA (Idaho).

**helvus**

*Bombylius helvus* Wiedemann, 1821b: 164. TYPE LOCALITY: "Mexico" [H in NMW\*].  
*Bombylius maculifer* Walker, 1852: 200. TYPE LOCALITY: Not given [= southeastern or eastern USA] [H in BMNH\*].  
*Bombylius azalae* Shannon, 1916: 71. TYPE LOCALITY: USA (Maryland) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Nuevo León), USA (Georgia, Maryland, North Carolina, South Carolina, Virginia).

**hololeucus**

*Bombylius hololeucus* Loew, 1873: 191. TYPE LOCALITY: Uzbekistan [H in ZMHB\*].  
DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**incognitus**

*Bombylius dimidiatus* Macquart, 1840: 90 [1841: 368]. TYPE LOCALITY: "Patrie inconnue" [= ?South Africa] [H in MNHN\*]. [Preoccupied by Wiedemann, 1820.]  
*Bombylius incognitus* Evenhuis & Greathead, 1999: 119 (new replacement name for *Bombylius dimidiatus* Macquart, 1840).  
DISTRIBUTION: **Afrotropical**: ?South Africa.

**inconspicuus**

*Bombylius inconspicuus* Greathead, 1967: 211. TYPE LOCALITY: Eritrea [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Eritrea, Gambia, Senegal.

**io**

*Bombylius io* Williston, 1901: 285. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 10) in BMNH\*].  
DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos). **Neotropical**: Mexico (Oaxaca).

**iranicus**

*Bombylius iranicus* Paramonov, 1940c: 123, 373. TYPE LOCALITY: Armenia [L designated by Zaitzev & Kandybina (1983: 24) in SIZK].  
DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Iran.

**japygus**

*Bombylius japygus* Hall & Evenhuis, 1980: 55. TYPE LOCALITY: USA (California) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: USA (California).



**kanabensis**

*Bombylius lancifer* ssp. *kanabensis* Johnson & Johnson, 1975: 412. TYPE LOCALITY: USA (Utah) [H in BYU\*].

DISTRIBUTION: **Nearctic**: USA (Utah).

**kirgizorum**

*Bombylius kirgizorum* Zaitzev, 1990a: 835 [1991a: 86]. TYPE LOCALITY: Kyrgyz Republic [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kyrgyz Republic.

**kozlovi**

*Bombylius kozlovi* Paramonov, 1926e: 123(49). TYPE LOCALITY: Mongolia [H in ZIS; L designated by Zaitzev & Kandybina (1983: 25) invalid].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol), Kyrgyz Republic, Mongolia, Tajikistan.

**kugleri**

*Bombylius kugleri* Zaitzev, 1996: 907 [1996a: 239]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel.

**kutshurganicus**

*Bombylius kutshurganicus* Paramonov, 1926e: 124(50). TYPE LOCALITY: Ukraine [L designated by Zaitzev & Kandybina (1983: 26) in SIZK].

DISTRIBUTION: **Palaeartic**: Greece, Kazakhstan, Moldova, Poland, Russia (SET), Ukraine.

**lancifer**

*Bombylius lancifer* Osten Sacken, 1877: 251. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1980: 57) in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (California, Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington).

**lassenensis**

*Bombylius pallescens* Johnson & Maughan, 1953: 20. TYPE LOCALITY: USA (California) [H in BYU\*]. [Preoccupied by Hesse, 1938.]

*Bombylius lassenensis* Painter in Painter & Painter, 1965: 409 (new replacement name for *Bombylius pallescens* Johnson & Maughan, 1953).

*Bombylius lassenensis* Johnson & Johnson, 1975: 416 (new replacement name for *Bombylius pallescens* Johnson & Maughan, 1953). [Preoccupied by Painter, 1965.]

DISTRIBUTION: **Nearctic**: USA (California).

**leberi**

*Bombylius leberi* Evenhuis, 1984b: 306. TYPE LOCALITY: Mexico (Zacatecas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Zacatecas).

**lejostomus**

*Bombylius lejostomus* Loew, 1855: 24. TYPE LOCALITY: "Sibirien" [= Russia (FE)] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: China, Korea, Mongolia, Russia (FE).

*litamons*

*Bombylius litamons* Bath, 1974: 101. [Unavailable; name proposed in an unpublished thesis.]

**lusitanicus**

*Bombylius lusitanicus* Meigen, 1830: 328. TYPE LOCALITY: Portugal [T in UNKN].  
DISTRIBUTION: **Palaeartic**: Portugal.

**macfarlandi**

*Bombylius macfarlandi* Evenhuis, 1985c: 505. TYPE LOCALITY: USA (Arizona) [H in BPBM\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona).

*maculipennis*

*Bombylius maculipennis* Eversmann, 1834: 423. *Nomen nudum*.

**maculithorax**

*Bombylius maculithorax* Paramonov, 1926e: 128(54). TYPE LOCALITY: "Turkestan" [= Uzbekistan] [1S in ZMHB\*; 1S in SIZK; 1S in ZMUM].  
DISTRIBUTION: **Palaeartic**: China, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**major**

*Bombylius major* Linnaeus, 1758: 606. TYPE LOCALITY: Not given [= Europe] [2S in LSUK].

*Bombylius anonymus* Sulzer, 1761: 59. TYPE LOCALITY: "Europa" [T in UNKN].

*Bombylius septimvs* Schaeffer, 1769: pl. 121, fig. 3. [Unavailable; name proposed in a non-binominal work.]

*Bombylius variegatus* De Geer, 1776: 268. TYPE LOCALITY: Not given [= Europe] [S in NHRS].

*Bombylius aequalis* Fabricius, 1781: 473. TYPE LOCALITY: "America boreali" [T (lost) in HMUG (see Note 5)].

*Asilus lanigerus* Geoffroy in Fourcroy, 1785: 459. TYPE LOCALITY: France [T in UNKN].

*Bombylius sinuatus* Mikan, 1796: 35 (unjustified replacement name for *Bombylius anonymus* Sulzer, 1761).

*Bombylius fratellus* Wiedemann, 1828: 583. TYPE LOCALITY: USA (Georgia) [H in NMW].

*Bombylius consanguineus* Macquart, 1840: 97 [1841: 375]. TYPE LOCALITY: "D'Alger" [= Algeria or Morocco] [T (lost?) in MNVL (originally in Roussel collection)].

*Bombylius vicinus* Macquart, 1840: 98 [1841: 376]. TYPE LOCALITY: USA (Pennsylvania) [H in BMNH\*].

*Bombylius albipectus* Macquart, 1855: 102(82). TYPE LOCALITY: USA (Maryland) [H in BMNH\*].

*Bombylius major* var. *australis* Loew, 1855: 14. TYPE LOCALITY: Italy (Sicily) [L designated by Evenhuis & Greathead (1999: 659) in ZMHB\*]. [Preoccupied by Guérin-Méneville, 1831.]

*Bombylius basilinea* Loew, 1855: 14. TYPE LOCALITY: Italy (Sicily) [2S in NMW].

*Bombylius antenoreus* Lioy, 1864: 728. TYPE LOCALITY: Italy [T in UNKN].

*Bombylius notialis* Evenhuis, 1978b: 101 (new replacement name for *Bombylius major australis* Loew, 1855).

**DISTRIBUTION:** **Nearctic:** Canada (Alberta, British Columbia, Manitoba, Northwest Territories, Ontario, Quebec, Saskatchewan), USA (Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming), Mexico (Baja California Norte). **Oriental:** Bangladesh, China (Jiangxi, Yunnan, Zhejiang), India (Assam, Himachal Pradesh, Karnataka), Nepal, Pakistan, Thailand. **Palaeartic:** Albania, Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, China (Beijing, Hebei, Liaoning, Shaanxi, Shandong, Tianjin), Croatia, Cyprus, Czech Republic, Denmark, Egypt, Estonia, Finland, France (incl. Corsica), Germany, Greece, Gruzia, Hungary, Ireland, Italy (incl. Sardinia, Sicily), Japan, Kazakhstan, Korea, Latvia, Libya, Lithuania, Luxemburg, Malta, Macedonia, Moldova, Mongolia, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia (CET, ES, FE, NET, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, UK (Great Britain, Northern Ireland), Uzbekistan, Yugoslavia.

#### **marebensis**

*Bombylius marebensis* Greathead, 1967: 210. TYPE LOCALITY: Ethiopia [H in BMNH\*].  
**DISTRIBUTION:** **Afrotropical:** Ethiopia, Yemen. **Palaeartic:** Saudi Arabia.

#### **marilynae**

*Bombylius marilynae* Evenhuis, 1984b: 307. TYPE LOCALITY: Mexico (Morelos) [H in UNAM\*].  
**DISTRIBUTION:** **Nearctic:** Mexico (Morelos).

#### **massauensis**

*Bombylius modestus* ssp. *massauensis* Greathead, 1967: 209. TYPE LOCALITY: Eritrea [H in BMNH\*].  
**DISTRIBUTION:** **Afrotropical:** Eritrea, Mali, Yemen. **Palaeartic:** Saudi Arabia.

#### **mauritanus**

*Bombylius mauritanus* Olivier, 1789: 330. TYPE LOCALITY: “Barbariae” [= Morocco] [T in UNKN].  
**DISTRIBUTION:** **Palaeartic:** Morocco.

#### **maurus**

*Bombylius maurus* Olivier, 1789 [17 April]: 328. TYPE LOCALITY: “Provence [&] Paris” [= France] [S in UNKN].  
*Asilus bombylius* Villers, 1789 [31 December]: 604. TYPE LOCALITY: “Europa. Prope Massiliam” [= France] [T in UNKN].  
**DISTRIBUTION:** **Palaeartic:** France.

#### **medius**

*Bombylius medius* Linnaeus, 1758: 606. TYPE LOCALITY: “Europa” [3S in LSUK].  
*Bombylivs secvndvs* Schaeffer, 1768: pl. 78, fig. 34. [Unavailable; name proposed in a non-binomial work.]  
*Bombylius punctatus* De Geer, 1776: 269. TYPE LOCALITY: Not given [= Europe] [S in NHRS].

- Bombylius concolor* Mikan, 1796: 30. TYPE LOCALITY: “Bohemiae” [= Czech Republic] [L designated by Evenhuis & Greathead (1999: 659) in ZMHB\*].
- Bombylius discolor* Meigen, 1804: 178. TYPE LOCALITY: Not given [= Europe] [H in MNHN\*]. [Preoccupied by Mikan, 1796.]
- Bombylius tectus* Panzer, 1804: 92. TYPE LOCALITY: Germany [T in UNKN].
- Bombylius hymopelanus* Pallas in Wiedemann, 1818a: 19. *Nomen nudum*.
- Bombylius intermedius* Walker, 1849: 279. TYPE LOCALITY: Not given [= Palaearctic] [H in BMNH\*].
- Bombylius medius* var. *albomicans* Loew, 1855: 12. TYPE LOCALITY: “Kleinasien” [= Greece, Syria, or Turkey] & “Syrien” [= Lebanon or Syria] [2S in ZMHB\*].
- Bombylius pictipennis* Loew, 1855: 12. TYPE LOCALITY: Italy (Sicily) [T (lost) in ZMHB]. [Preoccupied by Macquart, 1849.]
- Bombylius medius* var. *pallipes* Loew, 1855: 13. TYPE LOCALITY: Greece & Italy (Sicily) & “Kleinasien” [= Greece or Turkey] [4S in ZMHB\*].
- Bombylius confrater* Loew, 1855: 13. TYPE LOCALITY: Greece (Rhodes) [H in ZMHB\*].
- Bombylius medius* var. *dalmatina* Strobl, 1902: 466 [1904: 525]. TYPE LOCALITY: Croatia [2S in NMBA]. [Preoccupied by Loew, 1855.]
- Bombylius poecilopterus* Bezzi, 1925: 163 (new replacement name for *Bombylius pictipennis* Loew, 1855).
- Bombylius medius* ssp. *caucasicus* Paramonov, 1940c: 137, 349. TYPE LOCALITY: Armenia [2S in SIZK].
- Bombylius varipennis* Evenhuis, 1978b: 101 (new replacement name for *Bombylius pictipennis* Loew, 1855).

DISTRIBUTION: **Palaearctic:** Afghanistan, Albania, Algeria, Armenia, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Egypt, Estonia, France, Germany, Gibraltar, Greece (incl. Nisiros, Rhodes), Gruzia, Hungary, Iran, Iraq, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kuwait, Kyrgyz Republic, Latvia, Lebanon, Libya, Lithuania, Macedonia, Malta, Moldova, Morocco, Netherlands, Poland, Portugal, Romania, Russia (CET, SET), Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

#### medorae

- Bombylius medorae* Painter, 1940: 273. TYPE LOCALITY: USA (Kansas) [H in USNM\*].  
DISTRIBUTION: **Nearctic:** USA (Kansas, Texas).

#### meigeni

- Bombylius cinereus* Meigen, 1820: 212. TYPE LOCALITY: “hiesiger Gegend” [= Germany (see Pont, 1986: 206)] [6S in MNHN\*]. [Preoccupied by Olivier, 1789.]
- Bombylius meigeni* Evenhuis & Greathead, 1999: 123 (new replacement name for *Bombylius cinereus* Meigen, 1820).  
DISTRIBUTION: **Palaearctic:** Germany.

#### melanopygus

- Bombylius melanopygus* Bigot, 1860: viii. *Nomen nudum*.
- Bombylius melanopygus* Bigot, 1861: 771. TYPE LOCALITY: Italy (Sicily) [H in OUMNH\*].  
DISTRIBUTION: **Palaearctic:** Italy (Sicily).

**mendax**

*Bombylius mendax* Austen, 1937: 29. TYPE LOCALITY: Israel [2S in BMNH\*].

DISTRIBUTION: **Palaearctic**: Israel.

**mentalis**

*Bombylius mentalis* Sherborn, 1932: 233. *Nomen nudum*.

**metopium**

*Bombylius metopium* Osten Sacken, 1877: 249. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Oregon, Utah, Washington).

**mexicanus**

*Bombylius mexicanus* Wiedemann, 1821b: 166. TYPE LOCALITY: “Mexico, Savannah” [= USA (Georgia)] [L designated by Painter & Painter (1962: 15) in ZMUC\*].

*Bombylius philadelphicus* Macquart, 1840: 99 [1841: 377]. TYPE LOCALITY: USA (Pennsylvania) [H in BMNH\*].

*Bombylius fulvibasis* Macquart, 1855: 102(82). TYPE LOCALITY: USA (Maryland) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), Mexico (Sonora), USA (Alabama, Florida, Georgia, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia).

**minivarius**

*Bombylius minivarius* Bath, 1974: 170. [Unavailable; name proposed in an unpublished thesis.]

**minor**

*Bombylius minor* Linnaeus, 1758: 607. TYPE LOCALITY: “Europa” [S in UNKN].

*Bombylius octavvs* Schaeffer, 1769: pl. 168, fig. 1. [Unavailable; name proposed in a non-binominal work.]

*Bombylius viaticus* Pallas in Wiedemann, 1818a: 22. [Unavailable; name proposed in synonymy with *Bombylius minor* Linnaeus (as “*minor* F.”) and not made available before 1961.]

*Bombylius dilutus* Wiedemann in Meigen, 1820: 189. TYPE LOCALITY: Portugal [H in ZMHB\*].

*Bombylius subcinctus* Wiedemann in Meigen, 1820: 211. TYPE LOCALITY: Portugal [H in ZMHB\*].

*Bombylius allibarbis* Zetterstedt, 1842: 190. TYPE LOCALITY: Sweden [2S in MZLU].

*Bombylius albibarbis* Zetterstedt, 1849: 2978 [1859: 4967] (unjustified emendation of *Bombylius allibarbis* Zetterstedt, 1842).

*Bombylius flavescens* Palm, 1876: 413. TYPE LOCALITY: “Dalmatia” [= Croatia] [T in ?OLML]. [Preoccupied by Philippi, 1865.]

*Bombylius minor* var. *ochraceus* Paramonov, 1926e: 133(59). TYPE LOCALITY: Russia (SET) [2S in SIZK; 2S in ZMHB\*]. [Preoccupied by Bigot, 1892.]

*Bombylius moldavanicus* Paramonov, 1926e: 135(61). TYPE LOCALITY: Ukraine [H in SIZK].

*Bombylius luteolus* Evenhuis, 1978b: 101 (new replacement name for *Bombylius flavescens* Palm, 1876).

*Bombylius minor* ssp. *thapsinoides* Evenhuis, 1978b: 101 (new replacement name for *Bombylius minor ochraceus* Paramonov, 1926).

DISTRIBUTION: **Palaeartic:** Afghanistan, Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Macedonia, Moldova, Mongolia, Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, Romania, Russia (CET, NET, SET), Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkmenistan, UK (Great Britain), Ukraine, Uzbekistan, Yugoslavia.

**mobilis**

*Bombylius mobilis* Loew, 1873: 190. TYPE LOCALITY: Uzbekistan [3S in ZMHB\*].

DISTRIBUTION: **Oriental:** Pakistan. **Palaeartic:** Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

**modestoides**

*Bombylius modestoides* Bowden, 1975c: 312. TYPE LOCALITY: Ethiopia [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Ethiopia.

**modestus**

*Bombylius modestus* Loew, 1873: 192. TYPE LOCALITY: Greece (Naxos) [L designated by Evenhuis & Greathead (1999: 125) in ZMHB\*].

DISTRIBUTION: **Afrotropical:** Ethiopia, Sudan, Yemen. **Oriental:** Pakistan. **Palaeartic:** Afghanistan, Armenia, Azerbaijan, Cyprus, Egypt, Greece (incl. Naxos), Gruzia, Iran, Italy, Kazakhstan, Macedonia, Russia (SET), Saudi Arabia, Spain, Tajikistan, Turkmenistan, Uzbekistan, Yugoslavia.

**mohavensis**

*Bombylius mohavensis* Evenhuis, 1975 [19 November]: 472. TYPE LOCALITY: USA (California) [H in CAS\*].

*Bombylius abdominalis* Johnson & Johnson, 1975 [31 December]: 414. TYPE LOCALITY: USA (Utah) [H in BYU\*]. [Preoccupied by Wiedemann, 1828.]

DISTRIBUTION: **Palaeartic:** USA (California, Idaho, Utah).

**montanus**

*Bombylius cinerarius* var. *montana* Efflatoun, 1945: 319. TYPE LOCALITY: Egypt [19S in ECF].

DISTRIBUTION: **Palaeartic:** Egypt.

**morio**

*Bombylius morio* Olivier, 1789: 328. TYPE LOCALITY: "Provence" [= France] [T in UNKN].

DISTRIBUTION: **Palaeartic:** France, Italy.

**morosus**

*Bombylius morosus* Meijere, 1914a: 33. TYPE LOCALITY: Indonesia (Java) [H in ZMAN].

DISTRIBUTION: **Oriental:** Indonesia (Java).

**moussayensis**

*Bombylius moussayensis* Efflatoun, 1945: 354. TYPE LOCALITY: Egypt [6S in ECF].

DISTRIBUTION: **Palaeartic:** Egypt.

**mus**

*Bombylius mus* Bigot, 1862: 111. TYPE LOCALITY: France (Corsica) [3S in OUMNH\*].

*Bombylius argentifrons* Loew, 1873: 194. TYPE LOCALITY: “Andalusien” [= Spain] [L designated by Evenhuis & Greathead (1999: 125) in ZMHB\*].

*Bombylius similis* Loew, 1873: 196. TYPE LOCALITY: Uzbekistan [3S in ZMHB\*].  
[Preoccupied by Modéer, 1786.]

*Bombylius catheriniensis* Efflatoun, 1945: 315. TYPE LOCALITY: Egypt [40S in ECF].

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, Egypt, France (incl. Corsica), Greece, Gruzia, Hungary, Iran, Israel, Italy (incl. Sicily), Kyrgyz Republic, Lebanon, Macedonia, Morocco, Portugal, Romania, Slovenia, Spain, Syria, Tajikistan, Tunisia, Turkmenistan, Uzbekistan, Yugoslavia.

**nanus**

*Bombylius pygmaeus* Macquart, 1834: 381. TYPE LOCALITY: France [T in UNKN].  
[Preoccupied by Fabricius, 1781.]

*Bombylius nanus* Meigen, 1838: 67 (new replacement name for *Bombylius pygmaeus* Macquart, 1834).

DISTRIBUTION: **Palaeartic**: France, Italy.

**narynensis**

*Bombylius narynensis* Zaitzev, 1990a: 831 [1991a: 82]. TYPE LOCALITY: Kyrgyz Republic [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kyrgyz Republic.

**neithokris**

*Bombylius neithokris* Jaenicke, 1867b: 347 [1868: 39]. TYPE LOCALITY: “Abyssinia” [= Ethiopia] [H in SMFD\*].

*Bombylius appendiculatus* Bezzi, 1906: 255. TYPE LOCALITY: Eritrea [H in MZUF].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia.

**neotropicus**

*Bombylius neotropicus* Evenhuis, 1984b: 308. TYPE LOCALITY: Nicaragua [H in USNM\*].

DISTRIBUTION: **Neotropical**: Nicaragua.

**nevadensis**

*Bombylius bipartitus* Bath, 1974: 138. [Unavailable; name proposed in an unpublished thesis.]

*Bombylius nevadensis* Hall & Evenhuis, 1980: 73. TYPE LOCALITY: USA (Nevada) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: USA (Nevada).

**nigriabdominalis**

*Bombylius nigriabdominalis* Bath, 1974: 104. [Unavailable; name proposed in an unpublished thesis.]

**nigricolor**

*Bombylius nigricolor* François, 1969e: 176. TYPE LOCALITY: Afghanistan [H in ZSMC].

DISTRIBUTION: **Palaeartic**: Afghanistan.

**nigripes**

*Bombylius nigripes* Macquart, 1834: 379. TYPE LOCALITY: Italy (Sicily) [T in UNKN (originally in Alexander Lefebvre Collection)].

DISTRIBUTION: **Palaeartic**: Italy (Sicily).

**nigriventris**

*Bombylius nigriventris* Johnson & Johnson, 1975: 410. TYPE LOCALITY: USA (Utah) [H in BYU\*].

DISTRIBUTION: **Nearctic**: USA (Idaho, Nevada, Utah).

**niveus**

*Bombylius niveus* Meigen, 1804: 183. TYPE LOCALITY: France [2S in MNHN\*].

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Azerbaijan, Bulgaria, Egypt, France, Greece, Gruzia, Hungary, Iran, Israel, Italy, Macedonia, Moldova, Romania, Russia (SET), Saudi Arabia, Spain, Turkey, Ukraine, United Arab Emirates, Yugoslavia.

**nubilus** ssp. **algericus**

*Bombylius nubilus* var. *algericus* Villeneuve, 1932: 32. TYPE LOCALITY: Algeria [T (lost?) in KBIN].

DISTRIBUTION: **Palaeartic**: Algeria.

**nubilus** ssp. **nubilus**

*Bombylivs primvs* Schaeffer, 1766: pl. 46, fig. 9. [Unavailable; name proposed in a non-binominal work.]

*Bombylius nubilus* Mikan, 1796: 40. TYPE LOCALITY: "Bohemiae" [= Czech Republic] [T in UNKN].

*Bombylius pilirostris* Loew, 1855: 23. TYPE LOCALITY: Italy (Sardinia) [H in ZMHB\*].

*Bombylius nubilus* var. *monticola* Paramonov, 1926e: 138(64). TYPE LOCALITY: Armenia [1S in SIZK].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Austria, Azerbaijan, Czech Republic, Egypt, France, Germany, Greece, Gruzia, Iran, Italy (incl. Sardinia), Moldova, Poland, Romania, Russia (SET), Slovakia, Spain, Switzerland, Turkey, Ukraine.

**nudus**

*Bombylius nudus* Villers, 1789: 609. TYPE LOCALITY: "Europa. Prope Massiliam captus" [= Marseilles, France] [T in UNKN].

DISTRIBUTION: **Palaeartic**: France.

**numidus**

*Bombylius numida* Macquart, 1846: 351(223), pl. 10, fig. 6 [*in* Lucas, 1849: 450].

TYPE LOCALITY: Not given [= Algeria (see Macquart *in* Lucas, 1849: 450)] [2S in MNHN\*].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Morocco.

*nutans*

*Bombylius nutans* Morge, 1976: 404. *Nomen nudum*.

**obliquus**

*Bombylius obliquus* Brullé, 1833: 301. TYPE LOCALITY: Greece [T in UNKN].

DISTRIBUTION: **Palaeartic**: Greece.



**oceanus**

*Bombylius oceanus* Becker, 1908: 19. TYPE LOCALITY: Canary Is [3S in ZMUC; 3S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Canary Is.

**olgae**

*Bombylius olgae* Zaitzev, 1996: 910 [1996a: 241]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel.

**olivierii**

*Bombylius olivierii* Macquart, 1840: 96 [1841: 374]. TYPE LOCALITY: Iraq [H in MNHN].

DISTRIBUTION: **Palaeartic**: Iraq.

**olsufjevi**

*Bombylius olsufjevi* Paramonov, 1940c: 194, 378. TYPE LOCALITY: Kazakhstan [S in ZIS; 2S in SIZK; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Kazakhstan.

**painteri**

*Bombylius painteri* Evenhuis, 1978a: 35. TYPE LOCALITY: USA (Texas) [H in WSU\*].

DISTRIBUTION: **Nearctic**: USA (Texas).

**pallens**

*Bombylius pallens* Wiedemann in Meigen, 1820: 214. TYPE LOCALITY: Portugal [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Italy, Greece, ?Poland, Portugal, Spain.

**pallidicruris**

*Bombylius pallidicruris* Brullé, 1833: 301. TYPE LOCALITY: Greece [T in UNKN].

DISTRIBUTION: **Palaeartic**: Greece, Italy.

**pallidipilus**

*Bombylius pallidipilus* Greathead, 1967: 212. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: ?Chad, Eritrea, Somalia, Yemen. **Palaeartic**: Oman, Saudi Arabia.

**pallidus**

*Bombylius canescens* ssp. *pallidus* Abbassian-Lintzen, 1965: 535. TYPE LOCALITY: Iran [H in TUPH].

DISTRIBUTION: **Palaeartic**: Iran.

**pamiricus**

*Bombylius pamiricus* Zaitzev, 1990a: 833 [1991a: 84]. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan.

**pardalotus**

*Bombylius pardalotus* François, 1969f: 6. TYPE LOCALITY: Spain [H in ZSMC].

DISTRIBUTION: **Palaeartic**: Italy, Spain.

**pendens**

*Bombylius aurifer* ssp. *pendens* Cole in Cole & Lovett, 1919: 226 (as *aurifer* var. *pendens* on pl. 14, fig. 7). TYPE LOCALITY: USA (Oregon) [H in CAS\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta), USA (Colorado, Idaho, Oregon, Utah, Washington).

**pericaustus**

*Bombylius pericaustus* Loew, 1873: 188. TYPE LOCALITY: Uzbekistan & “Sarawshantal” [= Tajikistan] [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Iran, Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**persicus**

*Bombylius persicus* Paramonov, 1926e: 142(68). TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palaeartic**: Iran.

**phaeopterus**

*Bombylius modestus* var. *phaeopterus* Bezzi, 1924a: 4. TYPE LOCALITY: “S. Abyssinia” [= Ethiopia] [H in BMNH\* (same specimen as for *phaeopteroideus* Greathead; see Note 31); N designated by Bowden (1975c: 312) is invalid].

*Bombylius phaeopteroideus* Greathead, 1967: 210. TYPE LOCALITY: Ethiopia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia, Yemen. **Palaeartic**: Oman, Saudi Arabia.

**phlogmodes**

*Bombylius phlogmodes* Evenhuis, 1984b: 309. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Texas).

**pintuarius**

*Bombylius pintuarius* Báez, 1983a: 252. TYPE LOCALITY: Canary Is [H in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**plichtai**

*Bombylius nimisuppleo* Bath, 1974: 106. [Unavailable; name proposed in an unpublished thesis.]

*Bombylius plichtai* Hall & Evenhuis, 1980: 78. TYPE LOCALITY: USA (California) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (California).

**podagricus**

*Bombylius podagricus* Paramonov, 1940c: 167, 372. TYPE LOCALITY: Russia (CET) [L designated by Zaitzev & Kandybina (1983: 33) in ZIS].

DISTRIBUTION: **Palaeartic**: Russia (CET).

**polimen**

*Bombylius polimen* Yang, Yao & Cui, 2014: 261. TYPE LOCALITY: China (Zhejiang) [H in SEMCAS].

DISTRIBUTION: **Oriental**: China (Zhejiang).

**polypogon**

*Bombylius polypogon* Loew, 1855: 21. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] [3S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt, Israel, Libya, Syria.

**posticus**

*Bombylius micans* Meigen, 1804: 183. TYPE LOCALITY: France [T in UNKN]. [Pre-occupied by Fabricius, 1798.]

*Bombylius posticus* Fabricius, 1805: 131 (new replacement name for *Bombylius micans* Meigen, 1804).

*Bombylius argyropygus* Pallas in Wiedemann, 1818a: 22. [Unavailable; name proposed in synonymy with *Bombylius posticus* Fabricius and not made available before 1961.]

*Bombylius fugax* Pallas in Wiedemann, 1818a: 22. *Nomen nudum*.

*Bombylius vulpinus* Wiedemann in Meigen, 1820: 200. TYPE LOCALITY: Portugal [H (lost) in ZMHB].

*Bombylius fugax* Wiedemann in Meigen, 1820: 207. TYPE LOCALITY: “Taurien” [= Russia (SET) (see Pont, 1995: 150)] [T (destroyed) in NMW (see Note 18)].

*Bombylius tibialis* Walker, 1849: 280. TYPE LOCALITY: Not given [= Palaearctic] [H in BMNH\*].

*Bombylius vulpinus* var. *desertorum* Paramonov, 1926e: 163(89). TYPE LOCALITY: Turkmenistan [H in SIZK].

*Bombylius vulpinus* var. *palaestinus* Paramonov, 1926e: 163(89). TYPE LOCALITY: Israel [L designated by Zaitzev & Kandybina (1983: 31) in ZIS].

*palaestinae*, incorrect original spelling of *Bombylius vulpinus* var. *palaestinus* [Paramonov, 1926e: 182(108)].

DISTRIBUTION: **Palaearctic**: Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Egypt, France, Germany, Gibraltar, Greece (incl. Lesbos), Gruzia, Hungary, Iran, Iraq, Italy (incl. Sardinia, Sicily), Kazakhstan, Macedonia, Moldova, Morocco, Poland, Portugal, Romania, Russia (CET, SET), Slovakia, Slovenia, Spain (incl. Mallorca), Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine.

**postversicolor**

*Bombylius versicolor* Fabricius, 1805: 131. TYPE LOCALITY: “in Mogador Africae” [= Morocco] [1S in ZMUC]. [Preoccupied by Fabricius, 1787.]

*Bombylius postversicolor* Evenhuis & Greathead, 1999: 130 (new replacement name for *Bombylius versicolor* Fabricius, 1805).

DISTRIBUTION: **Palaearctic**: Morocco.

**propinquus**

*Bombylius propinquus* Brunetti, 1909b: 226. TYPE LOCALITY: “Ceylon” [= Sri Lanka] [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Karnataka), Sri Lanka.

**proximocruciatus**

*Bombylius proximocruciatus* Abbassian-Lintzen, 1965: 542. TYPE LOCALITY: Iran [H in TUPH].

DISTRIBUTION: **Palaearctic**: Iran.

*pulchellus*

*Bombylius pulchellus* Eversmann, 1834: 423. *Nomen nudum*.

**pulchellus**

*Bombylius pulchellus* Loew, 1863d: 300 [1864: 184]. TYPE LOCALITY: USA (Illinois) [L designated by Hall & Evenhuis (1980: 79) in MCZ\*].

*Bombylius fascipennis* Evenhuis, 1978b: 101 (unnecessary new replacement name for *Bombylius pulchellus* Loew, 1863).

DISTRIBUTION: **Nearctic:** Canada (Alberta, Manitoba, Ontario, Quebec, Saskatchewan), USA (Connecticut, Delaware, District of Columbia, Illinois, Indiana, Kansas, Maine, Maryland, Massachusetts, Michigan, Minnesota, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, South Dakota, Vermont).

### **pulcher**

*Bombylius pulcher* Hall & Evenhuis, 1980: 81. TYPE LOCALITY: Mexico (Puebla) [H in BPBM\*].

*Bombylius pulcherrimus* Evenhuis & Greathead, 1999: 130 (new replacement name for *Bombylius pulcher* Hall & Evenhuis, 1980).

DISTRIBUTION: **Nearctic:** Mexico (Hidalgo, Michoacán de Ocampo, Puebla).

**Neotropical:** Mexico (Chiapas).

### **pumilus**

*Bombylius pumilus* Meigen, 1820: 209. TYPE LOCALITY: Not given [= France, Germany, or Italy (see Meigen, 1818: x)] [3S in MNHN\*].

DISTRIBUTION: **Afrotropical:** Yemen. **Palaeartic:** Albania, Algeria, Armenia, Azerbaijan, Egypt, France, Germany, Greece, Gruzia, Hungary, Iran, Iraq, Israel, Italy (incl. Sicily), Lebanon, Kuwait, Macedonia, Moldova, Oman, Poland, Portugal, Romania, Russia (SET), Saudi Arabia, Spain, Syria, Turkey, Ukraine, United Arab Emirates.

### **punctipennis**

*Bombylius punctipennis* Loew, 1855: 12. TYPE LOCALITY: “Kleinasien” [= Greece, Syria, or Turkey] [L designated by Evenhuis & Greathead (1999: 661) in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Greece, Iran, Macedonia, Spain, Tunisia, Turkey, Yugoslavia.

### **pusiellus**

*Bombylius pusio* Meigen, 1830: 327. TYPE LOCALITY: Not given [= Europe] [H in ZMUC]. [Preoccupied by Wiedemann, 1821.]

*Bombylius pusiellus* Evenhuis & Greathead, 1999: 131 (new replacement name for *Bombylius pusio* Meigen, 1830).

DISTRIBUTION: **Palaeartic:** Europe.

### **pygmaeus**

*Bombylius pygmaeus* Fabricius, 1781: 474. TYPE LOCALITY: “America boreali” [T (lost) in HMUG (see Note 5)].

*Bombylius canadensis* Curran, 1933: 2. TYPE LOCALITY: Canada (Quebec) [1S in CNC\*; 1S in AMNH\*].

DISTRIBUTION: **Nearctic:** Canada (Alberta, Manitoba, New Brunswick, Ontario, Quebec), USA (Alaska, Colorado, Connecticut, District of Columbia, Georgia, Maine, Maryland, Massachusetts, Michigan, Montana, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Virginia, West Virginia, Wisconsin). **Palaeartic:** China (Beijing).

### **quadricolor**

*Bombylius quadricolor* Evenhuis, 1984b: 310. TYPE LOCALITY: Mexico (Morelos) [H in BPBM\*].

DISTRIBUTION: **Nearctic:** Mexico (Distrito Federal, México, Michoacán de Ocampo, Morelos, Puebla, Tamaulipas).

**quirinus**

*Bombylius quirinus* Evenhuis, 1984b: 311. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Texas).

**reginae**

*Bombylius reginae* Evenhuis, 1984b: 313. TYPE LOCALITY: El Salvador [H in CAS].

DISTRIBUTION: **Neotropical**: El Salvador.

**repeteki** ssp. **repeteki**

*Bombylius repeteki* Paramonov, 1940c: 235, 386. TYPE LOCALITY: Turkmenistan [19S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Israel, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

**repeteki** ssp. **submodestus**

*Bombylius repeteki* var. *submodestus* Paramonov, 1940c: 236, 386. TYPE LOCALITY: Turkmenistan [11S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Israel, Turkmenistan.

**rhea**

*Bombylius rhea* Evenhuis, 1984b: 313. TYPE LOCALITY: Mexico (Zacatecas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Zacatecas).

**rossicus**

*Bombylius aurulentus* Paramonov, 1926e: 104(30). TYPE LOCALITY: Tajikistan [L designated by Zaitzev & Kandybina (1983: 15) in ZIS]. [Preoccupied by Wiedemann, 1820.]

*Bombylius rossicus* Evenhuis & Greathead, 1999: 132 (new replacement name for *Bombylius aurulentus* Paramonov, 1926).

DISTRIBUTION: **Palaeartic**: China, Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**schaeuffelei**

*Bombylius schaeuffelei* Lindner, 1975: 6. TYPE LOCALITY: Iran [H in SMNS].

DISTRIBUTION: **Palaeartic**: Iran.

**semifuscus**

*Bombylius semifuscus* Meigen, 1820: 206. TYPE LOCALITY: Not given [= France, Germany, or Italy (see Meigen, 1818: x)] [H in MNHN\*].

*Bombylius senilis* Jaenicke, 1867a: 74. TYPE LOCALITY: “Helvetia” [= Switzerland] [T (lost?) in SMFD]. [Preoccupied by Fabricius, 1794.]

*Bombylius cincinnatus* Becker, 1891: 294. TYPE LOCALITY: Switzerland [1S in ZMHB\*].

*Bombylius nigripes* Strobl, 1898: 197. TYPE LOCALITY: Austria [4S in NMBA]. [Preoccupied by Macquart, 1834.]

*semirufus*, error for *semifuscus*.

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Austria, Azerbaijan, China, Czech Republic, France, Germany, Greece, Gruzia, Hungary, Italy, Kyrgyz Republic, Macedonia, Morocco, Poland, Slovakia, Switzerland, Tajikistan, Tunisia, Turkmenistan, Uzbekistan.

**seminiger**

*Bombylius seminiger* Becker, 1906b: 97. TYPE LOCALITY: Tunisia [2S (destroyed) in HNHM (see Note 9); 2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt, Tunisia.

**shah**

*Bombylius shah* Paramonov, 1940c: 170, 374. TYPE LOCALITY: Iran [L designated by Zaitzev & Kandybina (1983: 36) in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Iran.

**shelkovnikov**

*Bombylius shelkovnikovi* Paramonov, 1926e: 151(77). TYPE LOCALITY: Armenia & Turkmenistan [S (lost) in SIZK; S in ASAY; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Greece, Gruzia, Italy, Turkmenistan.

**shibakawae**

*Bombylius shibakawae* Matsumura, 1916: 276. TYPE LOCALITY: Japan [H in EIHU].

DISTRIBUTION: **Palaeartic**: Japan.

**silvus**

*Bombylius silvus* Cole in Cole & Lovett, 1919: 225. TYPE LOCALITY: USA (Oregon) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (Oregon).

**simplicipennis**

*Bombylius simplicipennis* Bezzi, 1924a: 59. TYPE LOCALITY: South Africa (Gauteng) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**socotrae**

*Bombylius socotrae* Greathead, 1969: 68. TYPE LOCALITY: Yemen (Socotra) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen (Socotra).

**spinulosus**

*Bombylius spinulosus* Hasbenli & Zaitzev, 2000: 106. TYPE LOCALITY: Turkey [H in ZMGU].

DISTRIBUTION: **Afrotropical**: Turkey.

*stellatarum*

*Bombylius stellatarum* Sherborn, 1932: 233. *Nomen nudum*.

**stellatus**

*Bombylius stellatus* Yang, Yao & Cui, 2014: 265. TYPE LOCALITY: China (Liaoning) [H in CAU].

DISTRIBUTION: **Afrotropical**: China (Liaoning).

**striatifrons**

*Bombylius striatifrons* Becker, 1906b: 108. TYPE LOCALITY: “Aus der Sahara” [= Tunisia] [H in ZMHB\*].

*Bombylius striatus* Becker, 1915a: 325. TYPE LOCALITY: Tunisia [S (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaeartic**: Egypt, Tunisia.

**susianae**

*Bombylius susianae* Abbassian-Lintzen, 1965: 545. TYPE LOCALITY: Iran [H in TUPH].

DISTRIBUTION: **Palaeartic**: Iran.

**sylphae**

*Bombylius sylphae* Evenhuis, 1984b: 314. TYPE LOCALITY: Mexico (Coahuila de Zaragoza) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Coahuila de Zaragoza), USA (Arizona).

**sytschuanensis**

*Bombylius sytschuanensis* Paramonov, 1926e: 153(79). TYPE LOCALITY: China (Sichuan) [H in SIZK].

DISTRIBUTION: **Palaeartic**: China (Sichuan).

**tephroleucus**

*Bombylius tephroleucus* Loew, 1855: 28. TYPE LOCALITY: “Persien” [= Iran] [T in UNKN].

DISTRIBUTION: **Palaeartic**: Iran.

**terminalis**

*Bombylius terminalis* Brunetti, 1909a: 479. TYPE LOCALITY: India (Uttar Pradesh) [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Uttar Pradesh), Pakistan.

**tertiarius**<sup>†</sup>

*Bombylius terciarius* Handlirsch, 1907c: 1012. TYPE LOCALITY: Germany (Miocene) [C] [H in NMW].

DISTRIBUTION: **Palaeartic**: Germany (Miocene).

**testaceiventris**

*Bombylius testaceiventris* Paramonov, 1925e: 34. TYPE LOCALITY: “Turkestan” [H in SIZK].

*Bombylius testaceiventris* var. *bergi* Paramonov, 1926e: 155(81). TYPE LOCALITY: Uzbekistan [L designated by Zaitzev & Kandybina (1983: 15) in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Kazakhstan, Turkmenistan, Uzbekistan.

**texanus**

*Bombylius texanus* Painter, 1933a: 17. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Kansas, Oklahoma, Texas).

**torquatus**

*Bombylius torquatus* Loew, 1855: 16. TYPE LOCALITY: Portugal & Italy (Sicily) [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Azerbaijan, Cyprus, Egypt, France, Gruzia, Italy (incl. Sicily), Libya, Morocco, Portugal, Spain, Tunisia.

**trichurus**

*Bombylius trichurus* Pallas in Wiedemann, 1818a: 21. TYPE LOCALITY: “Caucasum et mare Caspicum” [= Russia (SET) (see Pont, 1995: 150)] [T in NMW (see Note 20)].

*Bombylius fuliginosus* Pallas in Wiedemann, 1818a: 21. *Nomen nudum*.

*Bombylius fuliginosus* Wiedemann in Meigen, 1820: 188, 359. TYPE LOCALITY: “Taurien” [= Russia (SET) (see Pont, 1995: 151)] [H in NMW].

*Bombylius brevisrostris* Meigen, 1830: 326. TYPE LOCALITY: Not given [= Europe] [H in MNHN\*]. [Preoccupied by Olivier, 1789.]

*Bombylius rhodius* Loew, 1855: 19. TYPE LOCALITY: Greece (Rhodes) [L designated by Evenhuis & Greathead (1999: 132) in ZMHB\*].

*Bombylius capillatus* Palm, 1876: 413. TYPE LOCALITY: "Dalmatia" [= Croatia] [H in OLML?].

*Bombylius fuliginosus* var. *tavrizi* Paramonov, 1926e: 119(45). TYPE LOCALITY: "Persia" [= Iran] [1S in SIZK; 1S in ZMHB\*].

*fuliginosus*, incorrect original spelling of *fuliginosus* (Wiedemann in Meigen, 1820: 188).

DISTRIBUTION: **Afrotropical:** Yemen. **Palaeartic:** Albania, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Czech Republic, France, Greece, Georgia, Hungary, Iran, Israel, Italy (incl. Sicily), Lebanon, Macedonia, Moldova, Oman, Poland, Romania, Russia (SET), Saudi Arabia, Slovakia, Spain, Syria, Turkey, Turkmenistan, Ukraine.

#### turanicus

*Bombylius turanicus* Paramonov, 1926e: 156(82). TYPE LOCALITY: Turkmenistan [2S in SIZK].

DISTRIBUTION: **Palaeartic:** Kyrgyz Republic, Turkmenistan, Uzbekistan.

#### turcmenicus

*Bombylius turcmenicus* Paramonov, 1926e: 157(83). TYPE LOCALITY: Turkmenistan [1S in SIZK].

*Bombylius turkmenicus* Paramonov, 1940c: 188 [1957: 152] (unjustified emendation of *Bombylius turcmenicus* Paramonov, 1926).

DISTRIBUTION: **Palaeartic:** Turkmenistan.

#### ushinskii

*Bombylius ushinskii* Paramonov, 1940c: 236, 386. TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic:** Turkmenistan.

#### uzbekorum

*Bombylius uzbekorum* Paramonov, 1926e: 159(85). TYPE LOCALITY: Kyrgyz Republic & Uzbekistan [S in ZIS].

DISTRIBUTION: **Palaeartic:** China (Xizang), Kazakhstan, Kyrgyz Republic, Tajikistan, Uzbekistan.

#### vagabundus

*Bombylius vagabundus* Meigen, 1830: 326. TYPE LOCALITY: Not given [= Europe] [T in UNKN].

DISTRIBUTION: **Palaeartic:** Europe.

#### vagans

*Bombylius vagans* Meigen, 1830: 327. TYPE LOCALITY: "Europa" [H in ZMUC].

DISTRIBUTION: **Palaeartic:** "Europa", Morocco.

#### validus

*Bombylius validus* Loew, 1863d: 300 [1864: 184]. TYPE LOCALITY: USA (Virginia) [L designated by Evenhuis (1982b: 19) in MCZ\*].

DISTRIBUTION: **Nearctic:** USA (Indiana, Michigan, Minnesota, Virginia).



**vallicola**

*Bombylius vallicola* Evenhuis & Tabet *in* Tabet, 1979: 52. [Unavailable; name proposed in an unpublished thesis.]

*Bombylius vallicolus* Evenhuis & Tabet, 1981a: 202. TYPE LOCALITY: USA (Idaho) [H in CAS\*].

*Bombylius vallicola* Evenhuis & Tabet, 1981b: 626 (emendation of *Bombylius vallicolus* Evenhuis & Tabet, 1981a).

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Washington).

**varius**

*Bombylius varius* Fabricius, 1805: 132. TYPE LOCALITY: “America boreali” [1S in ZMUC\*].

DISTRIBUTION: **Nearctic**: USA (Connecticut, Delaware, Florida, Georgia, Indiana, Maine, Maryland, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia).

**venosus**

*Bombylius sextus* Schaeffer, 1769: pl. 112, fig. 6. [Unavailable; name proposed in a non-binominal work.]

*Bombylius venosus* Mikan, 1796: 42. TYPE LOCALITY: “Bohemiae” [= Czech Republic] [T in UNKN].

*Bombylius holosericeus* Wiedemann *in* Meigen, 1820: 193. TYPE LOCALITY: “Oesterreich” [probably = Austria] [S (destroyed) in NMW (see Note 18)].

*Bombylius longirostris* Meigen, 1820: 202. TYPE LOCALITY: “Vaterland unbekannt” [= Europe] [H (lost) in ZMHB].

*Bombylius pusillus* Meigen, 1830: 326. TYPE LOCALITY: Not given [probably = Europe] [5S in MNHN\*].

DISTRIBUTION: **Palaeartic**: Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, France, Germany, Greece (incl. Lesbos), Gruzia, Hungary, Italy (incl. Sicily), Latvia, Lebanon, Lichtenstein, Lithuania, Luxemburg, Macedonia, Netherlands, Poland, Portugal, Romania, Russia (CET, SET), Slovakia, Slovenia, Spain, Switzerland, Ukraine, Yugoslavia.

**vitellinus**

*Bombylius vitellinus* Yang, Yao & Cui, 2014: 267. TYPE LOCALITY: China (Hebei) [H in CAU].

DISTRIBUTION: **Oriental**: China (Yunnan). **Palaeartic**: China (Beijing, Hebei, Heilongjiang, Nei Monggol, Shandong).

**vlasovi**

*Bombylius vlasovi* Paramonov, 1940c: 211, 380. TYPE LOCALITY: Turkmenistan [47S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Turkmenistan, Uzbekistan.

**wadensis**

*Bombylius wadensis* Efflatoun, 1945: 362. TYPE LOCALITY: Egypt [19S in ECF].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt, Israel.

**washingtoniensis**

*Bombylius albicapillus* ssp. *washingtoniensis* Evenhuis, 1978a: 36. TYPE LOCALITY: USA (Washington) [H in WSU\*].

DISTRIBUTION: **Nearctic**: USA (Idaho, Washington).

**watanabei**

*Bombylius watanabei* Matsumura, 1916: 277. TYPE LOCALITY: Taiwan [H in EIHU].  
DISTRIBUTION: **Oriental:** Taiwan.

**willistoni**

*Bombylius willistoni* Evenhuis, 1984b: 315. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].  
DISTRIBUTION: **Nearctic:** Mexico (Guerrero). **Neotropical:** Mexico (Chiapas).

**xanthinus**

*Bombylius flavus* Macquart, 1840: 96 [1841: 374]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN (originally in Serville Collection)]. [Preoccupied by Meigen, 1804.]  
*Bombylius xanthinus* Evenhuis & Greathead, 1999: 136 (new replacement name for *Bombylius flavus* Macquart, 1840).  
DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

**xanthothrix**

*Bombylius paramexicanus* Bath, 1974: 172. [Unavailable; name proposed in an unpublished thesis.]  
*Bombylius lancifer* ssp. *xanthothrix* Evenhuis, 1978a: 38. TYPE LOCALITY: USA (Washington) [H in WSU\*].  
DISTRIBUTION: **Nearctic:** USA (Idaho, Washington).

**zapataensis**

*Bombylius zapataensis* Evenhuis, 1984b: 316. TYPE LOCALITY: USA (Texas) [H in USNM\*].  
DISTRIBUTION: **Nearctic:** USA (Arizona, Texas).

**zarudnyi**

*Bombylius zarudnyi* Paramonov, 1940c: 192, 377. TYPE LOCALITY: Iran [H in ZIS].  
DISTRIBUTION: **Palearctic:** Iran.

**zircon**

*Bombylius zircon* Evenhuis, 1984b: 317. TYPE LOCALITY: Mexico (Tamaulipas) [H in USNM\*].  
DISTRIBUTION: **Nearctic:** Mexico (Tamaulipas, Veracruz-Llave), USA (Texas).

Subgenus **ZEPHYRECTES** Evenhuis

**ZEPHYRECTES** Evenhuis, 1978a: 33. Type species: *Bombylius anthophoroides* Evenhuis, 1977, by original designation.

**anthophoroides**

*Bombylius truillitergus* Bath, 1974: 178. [Unavailable; name proposed in an unpublished thesis.]  
*Bombylius anthophoroides* Evenhuis, 1977: 124. TYPE LOCALITY: USA (California) [H in CAS\*].  
DISTRIBUTION: **Nearctic:** USA (California).

**cinerarius**

*Bombylius cinerarius* Pallas & Wiedemann in Wiedemann, 1818a: 24. TYPE LOCALITY: “In australibus circum Volgam” [probably = Russia (CET) (see Pont, 1995: 151)] [T in NMW (see Note 20)].  
*Bombylius cinerarius* var. *eversmanni* Paramonov, 1926e: 111(37). TYPE LOCALITY: Russia (CET) [1S in SIZK].

*Bombylius cinerarius* var. *karelini* Paramonov, 1926e: 112(38). TYPE LOCALITY: Russia (CET) [1S in SIZK].

*Bombylius cinerarius* var. *pallasi* Paramonov, 1926e: 111(37). TYPE LOCALITY: Russia (CET) [1S in SIZK].

DISTRIBUTION: **Palaeartic:** Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, China (Beijing, Hebei), Croatia, Cyprus, Egypt, France, Greece, Gruzia, Hungary, Iran, Italy, Kazakhstan, Macedonia, Moldova, Mongolia, Romania, Russia (CET, FE, SET), Slovakia, Slovenia, Spain, Syria, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

### **cruciatus**

*Bombylius cruciatus* Fabricius, 1798: 569. TYPE LOCALITY: France [1S in MNHN\*; 1S in ZMUC\*].

*Bombylius leucopogon* Meigen, 1804: 182. TYPE LOCALITY: France [T in UNKN].

DISTRIBUTION: **Palaeartic:** Albania, Azerbaijan, Belgium, Cyprus, Egypt, France, Gibraltar, Greece, Iran, Italy (incl. Sardinia, Sicily), Morocco, Poland, Spain.

### **incanus**

*Bombylius incanus* Johnson, 1907: 97. TYPE LOCALITY: USA (Massachusetts) [H in MCZ\*].

DISTRIBUTION: **Nearctic:** USA (Connecticut, District of Columbia, Georgia, Maine, Massachusetts, Mississippi, New Jersey, New York).

### **leucopygus**

*Bombylius leucopyga* Macquart, 1846: 351(223), pl. 10, fig. 5 [*in* Lucas, 1849: 449].

TYPE LOCALITY: Not given [= Algeria (see Macquart *in* Lucas, 1849: 449)] [2S in OUMNH\*; 1S in MNHN\*].

*Bombylius leucopygus* var. *maroccanus* Paramonov, 1940c: 205, 369. TYPE LOCALITY: Morocco [H in ZIS].

*Bombylius leucopygus* var. *beduin* Paramonov, 1940c: 205, 369. TYPE LOCALITY: Morocco [H in SIZK].

DISTRIBUTION: **Palaeartic:** Algeria, Italy, Morocco, Spain.

### **nicholsonae**

*Bombylius canitus* Bath, 1974: 145. [Unavailable; name proposed in an unpublished thesis.]

*Bombylius nicholsonae* Hall & Evenhuis, 1980: 74. TYPE LOCALITY: USA (California) [H in BPBM\*].

DISTRIBUTION: **Nearctic:** USA (California).

### **quadrifarius**

*Bombylius quadrifarius* Loew, 1855: 25. TYPE LOCALITY: “südliche Russland” [= “Balkan” (from type specimen label data)] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Albania, Armenia, Azerbaijan, Bulgaria, China, Czech Republic, Greece, Gruzia, Hungary, Iran, Israel, Italy, Macedonia, Moldova, Romania, Russia (SET), Slovakia, Tajikistan, Turkey, Ukraine, Yugoslavia.

### **ravus**

*Bombylius ravus* Loew, 1863d: 301 [1864: 185]. TYPE LOCALITY: “Mexico” [= Mexico (Tamaulipas)] [H in MCZ\*].

DISTRIBUTION: **Nearctic:** Mexico (Tamaulipas), USA (Colorado, Texas).

**zephyr**

*Bombylius unguitergus* Bath, 1974: 181. [Unavailable; name proposed in an unpublished thesis.]

*Bombylius montanus* Johnson & Johnson, 1975: 413. TYPE LOCALITY: USA (Utah) [H in BYU\*]. [Preoccupied by Efflatoun, 1945.]

*Bombylius zephyr* Evenhuis & Greathead, **NEW NAME** (for *Bombylius montanus* Johnson & Johnson, 1975).

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Utah).

Genus **BROMOGLYCIS** Hull

**BROMOGLYCIS** Hull, 1971a: 5. Type species: *Bromoglycis robustus* Hull, 1971, by monotypy.

**robusta**

*Bromoglycis robustus* Hull, 1971a: 7. TYPE LOCALITY: Australia (Queensland) [H in CNC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

Genus **BRYCHOSOMA** Hull

**BRYCHOSOMA** Hull, 1973: 102. Type species: *Brychosoma pulchra* Hull, 1973 [= *Bombylius pictipennis* Macquart, 1850], by original designation.

**aureolatum**

*Bombylius aureolatus* Walker, 1857: 145. TYPE LOCALITY: "Australia" [2S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**hilare**

*Bombylius hilaris* Walker, 1849: 274. TYPE LOCALITY: Australia (WA) [3S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, WA).

**pictipenne**

*Bombylius pictipennis* Macquart, 1850: 422(118). TYPE LOCALITY: "Nouvelle-Hollande, côte orientale" [= eastern Australia] [H in MNHN\*].

*Brychosoma pulchra* Hull, 1973: 104. TYPE LOCALITY: Australia (Queensland) [H in CNC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

Genus **CACOPLOX** Hull

**CACOPLOX** Hull, 1970: 163. Type species: *Cacoplox griseatus* Hull, 1970, by original designation.

**griseatus**

*Cacoplox griseatus* Hull, 1970: 163. TYPE LOCALITY: Chile [H in USNM\*].

DISTRIBUTION: **Neotropical**: Argentina, Chile.

Genus **CHORISTUS** Walker

**CHORISTUS** Walker, 1852: 197. Type species: *Choristus bifrons* Walker, 1852, by monotypy.

**annexus**

*Anastoechus annexus* Roberts, 1928b: 434. TYPE LOCALITY: Australia (WA) [H (lost) in MAMU].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**bifrons**

*Choristus bifrons* Walker, 1852: 198. TYPE LOCALITY: Australia (NSW) [N designated by Evenhuis (1983a: 211) in BMNH\*].

*Anastoechus perspicuus* Roberts, 1928b: 433. TYPE LOCALITY: Australia (WA) [H in SAMA\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, WA).

Genus **CONOPHORINA** Becker

**CONOPHORINA** Becker, 1920: 181. Type species: *Conophorina bicellaris* Becker, 1920, by monotypy.

**bicellaris**

*Conophorina bicellaris* Becker, 1920: 183. TYPE LOCALITY: South Africa (Eastern Cape) [H in ZSMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

Genus **CRYOMYIA** Hull

**CRYOMYIA** Hull, 1973: 131. Type species: *Cryomyia argyropila* Hull, 1973, by original designation.

**argyropila**

*Cryomyia argyropila* Hull, 1973: 131. TYPE LOCALITY: Australia (WA) [H in CNC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**perparva**

*Anastoechus perparvus* Roberts, 1928b: 453. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

Genus **DISCHISTUS** Loew

**DISCHISTUS** Loew, 1855: 45 (as subgenus of *Bombylius* Linnaeus). Type species: *Bombylius mystax* Wiedemann, 1818, by subsequent designation (Becker, 1913: 494).

*ACANTHOGERON* Bezzi, 1925: 164. Type species: *Bombylius senex* Meigen, 1820, by original designation.

*LISSOMERUS* Austen, 1937: 33. Type species: *Lissomerus niveicomatus* Austen, 1937, by original designation.

**albatus**

*Acanthogeron albatus* Séguy, 1930b: 104 (key only) [1934c: 73]. TYPE LOCALITY: Algeria & Tunisia [5S in MNHN].

DISTRIBUTION: **Palaearctic**: Algeria, Tunisia.

**atlanticus**

*Bombylius atlanticus* Santos Abreu, 1926: 102(62). TYPE LOCALITY: Canary Is [L designated by Báez & Sánchez-Terrón (1990: 38) in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**auripilus**

*Acanthogeron auripilus* Séguy, 1930b: 104. TYPE LOCALITY: Morocco [S in MNHN].

DISTRIBUTION: **Palaeartic**: Algeria, Morocco, Tunisia.

**biroi**

*Bombylius biroi* Becker, 1906b: 104. TYPE LOCALITY: Tunisia [1S (destroyed) in HNHM (see Note 9); 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Algeria, Spain, Tunisia.

**blanchei**

*Acanthogeron blanchei* Efflatoun, 1945: 258. TYPE LOCALITY: Egypt [1S in ECF].

DISTRIBUTION: **Palaeartic**: Egypt.

**capito**

*Dischistus capito* Loew, 1860a: 85 [1860b: 265; 1860c: 193]. TYPE LOCALITY: "Caf-fraria" [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**dayas**

*Acanthogeron dayas* Séguy, 1930b: 104 (key only) [1934c: 73]. TYPE LOCALITY: Algeria [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Algeria.

**efflatounbeyi**

*Acanthogeron auripilus* Efflatoun, 1945: 255. TYPE LOCALITY: Egypt [1S in ECF]. [Preoccupied by Séguy, 1930.]

*Acanthogeron efflatounbeyi* François, 1961c: 312 (new replacement name for *Acanthogeron auripilus* Efflatoun, 1945).

DISTRIBUTION: **Palaeartic**: Egypt, Israel.

**grandis**

*Acanthogeron grandis* Efflatoun, 1945: 261. TYPE LOCALITY: Egypt [2S in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

**heterocerus**

*Bombylius heterocerus* Macquart, 1840: 100 [1841: 378]. TYPE LOCALITY: "Afrique, Cap?" [= South Africa (Western Cape) (from type specimen label data)] [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**hirticeps** ssp. **hirticeps**

*Bombylius hirticeps* Bezzi, 1921a: 35. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**hirticeps** ssp. **karooensis**

*Dischistus hirticeps* var. *karooensis* Hesse, 1938: 544. TYPE LOCALITY: South Africa (Eastern Cape) [1S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**holopticus**

*Dischistus holopticus* Greathead, 1995: 62. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**longirostris**

*Dischistus capito* var. *longirostris* Hesse, 1938: 538. TYPE LOCALITY: South Africa (Eastern Cape) [3S in SAMC; 1S in AMGS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**maroccanus**

*Acanthogeron maroccanus* Séguéy, 1930b: 105. TYPE LOCALITY: Morocco [H in MNHN].

DISTRIBUTION: **Palaeartic**: Morocco.

**mittrei**

*Acanthogeron mittrei* Séguéy, 1930b: 105. TYPE LOCALITY: Algeria [2S in MNHN].

DISTRIBUTION: **Palaeartic**: Algeria, Morocco.

**mystax**

*Bombylius mystax* Wiedemann, 1818b: 42. TYPE LOCALITY: “Cap” [= South Africa (Western Cape)] [L designated by Evenhuis & Greathead (1999: 660) in ZMHB\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**niveicomatus**

*Lissomerus niveicomatus* Austen, 1937: 34. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel.

**perniveus**

*Acanthogeron perniveus* Bezzi, 1925: 165. TYPE LOCALITY: Egypt [S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt, Libya, Morocco.

**plumipalpis**

*Dischistus plumipalpis* Bezzi, 1921a: 58. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**senex**

*Bombylius senex* Wiedemann in Meigen, 1820: 216. TYPE LOCALITY: Portugal [H in ZMHB\*].

*Bombylius deses* Meigen in Waltl, 1835: 112 [1838: 66]. TYPE LOCALITY: Spain [H in MNHN\*].

*Bombylius senex* var. *violaceipes* Strobl in Czerny & Strobl, 1909: 148. TYPE LOCALITY: Spain [3S in NMBA].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, France, Gibraltar, Italy, Morocco, Portugal, Spain, Yugoslavia.

**separatus**

*Bombylius separatus* Becker, 1906b: 102. TYPE LOCALITY: Algeria & Tunisia [1S (destroyed) in HNHM (see Note 9); 2S in ZMHB\*; 1S in SMNS].

*Acanthogeron talboti* Séguéy, 1930b: 106. TYPE LOCALITY: Morocco [S in MNHN].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Italy, Libya, Morocco, Spain, Syria, Tunisia.

**syriacus**

*Bombylius syriacus* Villeneuve, 1912: 43. TYPE LOCALITY: Lebanon [H in KBIN\*].  
DISTRIBUTION: **Palaeartic**: Israel, Lebanon.

**tertiarius**<sup>†</sup>

*Dischistus terciarius* Théobald, 1937: 349. TYPE LOCALITY: France (Oligocene) [C] [H in UBIG].  
DISTRIBUTION: **Palaeartic**: France (Oligocene).

**tripolitanus**

*Dischistus tripolitanus* Paramonov, 1940c: 94, 347. TYPE LOCALITY: Libya [1S in ZMHB\*; 1S in SIZK].  
DISTRIBUTION: **Palaeartic**: Libya.

Genus **DOLIOGETHES** Hesse

**DOLIOGETHES** Hesse, 1938: 545. Type species: *Bombylius seriatus* Wiedemann, 1821, by original designation.

**aridicola**

*Dolioletes aridicolus* Hesse, 1938: 577. TYPE LOCALITY: South Africa (Northern Cape) [2S in BMNH\*; 1S in BPBM\*; 2S in NMSA\*; 69S in SAMC\*; 1S in DEI\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**chionoleucus**

*Dolioletes chionoleucus* Hesse, 1938: 583. TYPE LOCALITY: "S.W. Africa" [= Namibia] [H in SAMC].  
DISTRIBUTION: **Afrotropical**: Namibia.

**consobrinus**

*Dolioletes consobrinus* Hesse, 1938: 582. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].  
DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**decipiens**

*Dolioletes decipiens* Greathead, 2006: 11. TYPE LOCALITY: Namibia [H in SAMC].  
DISTRIBUTION: **Afrotropical**: Namibia.

**imbutatus**

*Dolioletes imbutatus* Hesse, 1938: 567. TYPE LOCALITY: South Africa (Northern Cape) [9S in SAMC].  
DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**luridus**

*Dolioletes luridus* Hesse, 1938: 572. TYPE LOCALITY: South Africa (Northern Cape) [24S in SAMC; 4S in BMNH\*; 1S in NMSA\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**melanops**

*Dolioletes melanops* Hesse, 1938: 580. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].  
DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).



**meridionalis**

*Doliogethes meridionalis* Hesse, 1938: 575. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**ovatus**

*Dischistus ovatus* Bezzi, 1921a: 62. TYPE LOCALITY: South Africa (“Cape”) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (“Cape”).

**pallidulus**

*Doliogethes pallidulus* Hesse, 1938: 564. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**psammocharus**

*Doliogethes psammocharus* Hesse, 1938: 584. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**pusio**

*Bombylius pusio* Wiedemann, 1821b: 173. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [H in ZMUC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**rubicundus**

*Dischistus rubicundus* Bezzi, 1921a: 60. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**rufirostris**

*Dischistus rufirostris* Bezzi, 1924a: 92. TYPE LOCALITY: “N.-W. Rhodesia” [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zambia.

**seriatus**

*Bombylius seriatus* Wiedemann, 1821b: 172. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [H in ZMUC].

*Doliogethes seriatus* var. *vagens* Hesse, 1938: 557. TYPE LOCALITY: South Africa (Northern Cape) [107S in SAMC; 2S in OUMNH\*].

*Doliogethes seriatus* var. *puniceus* Hesse, 1938: 558. TYPE LOCALITY: South Africa (Western Cape) [2S in BMNH\*].

*Doliogethes seriatus* var. *pullatus* Hesse, 1938: 559. TYPE LOCALITY: South Africa (Northern Cape) [9S in SAMC; 1S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**trivergatus**

*Doliogethes trivergatus* Hesse, 1938: 568. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**variatus**

*Bombylius variegatus* Macquart, 1840: 102 [1841: 380]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN (originally in Serville Collection)]. [Preoccupied by De Geer, 1776.]

*Doliogethes variatus* Bowden, 1980: 395 (new replacement name for *Bombylius variegatus* Macquart, 1840).

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**vittipes**

*Dischistus vittipes* Bezzi, 1921a: 63. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

Genus **EFFLATOUNIA** Bezzi

**EFFLATOUNIA** Bezzi, 1925: 170. Type species: *Efflatounia aegyptiaca* Bezzi, 1925, by original designation.

**aegyptiaca**

*Efflatounia aegyptiaca* Bezzi, 1925: 171. TYPE LOCALITY: Egypt [S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaearctic**: Egypt, Israel, Libya, Saudi Arabia.

**berbera**

*Efflatounia berbera* Bowden, 1973: 146. TYPE LOCALITY: Algeria [H in BMNH\*].

DISTRIBUTION: **Palaearctic**: Algeria.

Genus **EREMYIA** Greathead

**EREMYIA** Greathead, 1996a: 15. Type species: *Chasmonaura argentata* Greathead, 1967, by original designation.

**argentata**

*Chasmonaura argentata* Greathead, 1967: 223). TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Yemen.

**mofidii**

*Dischistus mofidii* Abbassian-Lintzen, 1966b: 326. TYPE LOCALITY: Iran [H in TUPH].

DISTRIBUTION: **Palaearctic**: Iran.

**transcaspica**

*Dischistus transcaspicus* Paramonov, 1924b: 61. TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Oriental**: India (Rajasthan). **Palaearctic**: Armenia, Azerbaijan, Gruzia, Iran, Kazakhstan, Turkmenistan.

Genus **ERISTALOPSIS** Evenhuis

**SYRPHOIDES** Evenhuis, 1983a: 206. Type species: *Bombylius byrrhus* Bowden, 1971, by original designation [Preoccupied by Hippa, 1968.]

**ERISTALOPSIS** Evenhuis, 1985b: 289 (new replacement name for *Syrphoides* Evenhuis, 1983). Type species: *Bombylius byrrhus* Bowden, 1971, automatic.

**byrrha**

*Bombylius byrrhus* Bowden, 1971c: 297. TYPE LOCALITY: Australia (WA) [H in ZMUC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**robertsi**

*Bombylius robertsi* Paramonov, 1934a: 31. TYPE LOCALITY: Australia (Queensland) [H in DEI\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**rubriventris**

*Bombylius rubriventris* Bigot, 1892: 365. TYPE LOCALITY: Australia (NSW) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

Genus **EUCHARIOMYIA** Bigot

**EUCHARIOMYIA** Bigot, 1888a: cxl. Type species: *Euchariomyia dives* Bigot, 1888, by monotypy.

*EUCCHARIMYIA* Bigot in Mik, 1888: 331 [1888b: cxlvii] (unjustified emendation of *Euchariomyia* Bigot, 1888a). Type species: *Euchariomyia dives* Bigot, 1888, automatic.

*EUCCHARIMYIA* Bigot, 1889: cxl. Type species: *Eucharimyia dives* Bigot, 1889 [preoccupied, = *Euchariomyia dives* Bigot, 1888], by monotypy. [Preoccupied by Bigot, 1888.]

**brunettii**

*Bombylius brunettii* Senior-White, 1922: 203. TYPE LOCALITY: Sri Lanka [39S in BMNH\*].

DISTRIBUTION: **Oriental**: Sri Lanka.

**dives**

*Bombylius pulchellus* Wulp, 1880: 164. TYPE LOCALITY: Indonesia (Java) [T (lost) in RMNH]. [Preoccupied by Loew, 1863].

*Euchariomyia dives* Bigot, 1888a: cxl [1889: cxl (as *Eucharimyia*)]. TYPE LOCALITY: Sri Lanka [H in BMNH\*].

*Bombylius wulpii* Brunetti, 1909a: 457 (new replacement name for *Bombylius pulchellus* Wulp, 1880).

DISTRIBUTION: **Oriental**: China (Guangxi), India (Kerala, Orissa, Tamil Nadu, Uttar Pradesh), Indonesia (Java), Laos, Myanmar, Sri Lanka, Thailand.

**Palaeartic**: China (Beijing, Shandong).

**scintillans**

*Bombylius scintillans* Brunetti, 1909b: 224. TYPE LOCALITY: India (Kerala) [H in NZSI].

DISTRIBUTION: **Oriental**: India (Kerala).

Genus **EUPREPINA** Hull

**EUPREPINA** Hull, 1971b: 181. Type species: *Euprepina nuda* Hull, 1971, by original designation.

**amabilis**

*Dischistus amabilis* Wulp, 1881: 161. TYPE LOCALITY: Argentina [2S in ZMAN].  
DISTRIBUTION: **Neotropical**: Argentina.

**aperta**

*Bombylius aperta* Macquart, 1847a: 54 [1847c: 70]. TYPE LOCALITY: Guadeloupe [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Guadeloupe.

**beckeri**

*Euprepina beckeri* Lamas & Couri, 1998: 447. TYPE LOCALITY: Brazil (Bahia) [H in MNRJ].  
DISTRIBUTION: **Neotropical**: Brazil (Bahia).

**bicincta**

*Bombylius bicinctus* Wiedemann, 1830: 641. TYPE LOCALITY: "Cassapawa im Brasilien" [= Brazil (Rio Grande do Sul)] [L designated by Painter & Painter (1974: 33) in NMW].  
*Euprepina bicincta* Hull, 1971b: 183. TYPE LOCALITY: Brazil (Santa Catarina) [H in CNC\*]. [Preoccupied by Wiedemann, 1830.]  
DISTRIBUTION: **Neotropical**: Argentina, Brazil (Rio Grande do Sul, Santa Catarina).

**caminaria**

*Bombylius caminarius* Wiedemann, 1830: 641. TYPE LOCALITY: "Cassapawa" [= Brazil (Rio Grande do Sul)] [L designated by Painter & Painter (1974: 35) in NMW].  
DISTRIBUTION: **Neotropical**: Brazil (Rio Grande do Sul).

**goyaz**

*Bombylius goyaz* Macquart, 1840: 101 [1841: 379]. TYPE LOCALITY: Brazil (Goiás) [L designated by Evenhuis & Greathead (1999: 659) in MNHN\*].  
DISTRIBUTION: **Neotropical**: Brazil (Goiás).

**knutsoni**

*Euprepina knutsoni* Hull, 1971b: 183. TYPE LOCALITY: Bolivia [H in USNM\*].  
DISTRIBUTION: **Neotropical**: ?Argentina, Bolivia.

**maracajula**

*Euprepina maracajula* Hull, 1971b: 181. TYPE LOCALITY: Brazil (Mato Grosso) [H in USNM\*].  
DISTRIBUTION: **Neotropical**: Brazil (Mato Grosso).

**nuda**

*Euprepina nuda* Hull, 1971b: 181. TYPE LOCALITY: Brazil (Santa Catarina) [H in CNC\*].  
*Euprepina shannoni* Hull, 1971b: 182. TYPE LOCALITY: Brazil (Rio de Janeiro) [H in USNM\*].  
DISTRIBUTION: **Neotropical**: Argentina, Brazil (Mato Grosso, Minas Gerais, Rio de Janeiro, Rio Grande do Sul, Santa Catarina, São Paulo).

**truxalia**

*Euprepina truxalia* Hull, 1971b: 183. TYPE LOCALITY: Brazil (Goiás) [H in LACM\*].  
DISTRIBUTION: **Neotropical**: Brazil (Goiás, Pernambuco, São Paulo).

Genus **EURYCARENUS** Loew

**EURYCARENUS** Loew, 1860a: 83 [1860b: 258; 1860c: 186]. Type species: *Bombylius laticeps* Loew, 1852, by monotypy.

**albicans**

*Eurycarenus albicans* Bezzi, 1924a: 82. TYPE LOCALITY: Gambia [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Gambia, Ivory Coast, Senegal.

**argentifrons**

*Eurycarenus argentifrons* Bowden, 1964a: 38. TYPE LOCALITY: Nigeria [H in JB].  
DISTRIBUTION: **Afrotropical**: Nigeria.

**cingulatus**

*Eurycarenus cingulatus* Hesse, 1936: 167. TYPE LOCALITY: “Bechuanaland” [= Botswana] [H in NMSA\*].  
DISTRIBUTION: **Afrotropical**: Botswana, Zimbabwe.

**dichopticus**

*Eurycarenus dichopticus* Bezzi, 1920: 100. TYPE LOCALITY: “Guinea Portugese” [= Guinea-Bissau] [S in MCSN].

*Eurycarenus dichopticus* Bezzi, 1923b: 322 [1924a: 83]. TYPE LOCALITY: Kenya [26S in BMNH\*]. [Preoccupied by Bezzi, 1920.]  
DISTRIBUTION: **Afrotropical**: Angola, Benin, Chad, Eritrea, Ghana, Guinea-Bissau, Kenya, Malawi, Mali, Mauritania, Namibia, Niger, Nigeria, Senegal, South Africa (Northern Cape, Mpumalanga), Sudan, Uganda.

**erectus**

*Bombylius erectus* Brunetti, 1909a: 480. TYPE LOCALITY: India (Karnataka) [2S in BMNH\*; 23S in NZSI].  
*Eurycarenus indicus* Bowden, 1964b: 165. TYPE LOCALITY: India (Maharashtra) [H in BMNH\*].  
DISTRIBUTION: **Oriental**: India (Karnataka, Maharashtra).

**flavicans**

*Eurycarenus flavicans* Bowden, 1964a: 41. TYPE LOCALITY: Nigeria [H in JB].  
DISTRIBUTION: **Afrotropical**: Nigeria.

**lanatus**

*Eurycarenus lanatus* Bowden, 1964a: 36. TYPE LOCALITY: “Ashanti” [= Ghana] [H in JB].  
DISTRIBUTION: **Afrotropical**: Ghana.

**laticeps**

*Bombylius laticeps* Loew, 1852: 659 [in Peters, 1862: 14]. TYPE LOCALITY: Mozambique [H in ZMHB\*].  
*latifrons*, error for *laticeps*.  
DISTRIBUTION: **Afrotropical**: Botswana, Mozambique, South Africa (KwaZulu-Natal).

**loewi**

*Eurycarenum loewi* Hesse, 1938: 515. TYPE LOCALITY: "S. Rhodesia" [= Zimbabwe] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Kenya, Namibia, South Africa (KwaZulu-Natal), Tanzania, Zimbabwe.

**melanurus**

*Eurycarenum melanurus* Bezzi, 1924a: 80. TYPE LOCALITY: Tanzania (Zanzibar) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Mozambique, Tanzania (incl. Zanzibar).

**minimus**

*Eurycarenum minimus* Bezzi, 1921a: 166. TYPE LOCALITY: "S.W. Protectorate" [= Namibia] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**nanus**

*Eurycarenum nanus* Bowden, 1964a: 40. TYPE LOCALITY: Nigeria [H in JB].

DISTRIBUTION: **Afrotropical**: Nigeria.

**propinquus**

*Eurycarenum propinquus* Hesse, 1938: 513. TYPE LOCALITY: "S. Rhodesia" [= Zimbabwe] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**sessilis**

*Eurycarenum sessilis* Bezzi, 1921a: 55. TYPE LOCALITY: Mozambique & "Bechuanaland" [= Botswana] [2S in SAMC\*; 1S in MSNM].

DISTRIBUTION: **Afrotropical**: Botswana, Lesotho, Mozambique, Namibia, South Africa (KwaZulu-Natal).

**subater**

*Eurycarenum subater* Paramonov, 1960: 75. TYPE LOCALITY: Nigeria [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Nigeria.

Genus **EUSURBUS** Roberts

**EUSURBUS** Roberts, 1929: 580. Type species: *Bombylius crassilabris* Macquart, 1855, by original designation

**altus**

*Bombylius altus* Walker, 1849: 288. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

*Bombylius pinguis* Walker, 1849: 290. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**crassilabris**

*Bombylius crassilabris* Macquart, 1855: 97(77). TYPE LOCALITY: Australia (NSW) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

Genus **GONARTHUS** Bezzi

**GONARTHUS** Bezzi, 1921a: 88 [1923b: 324; 1924a: 109]. Type species: *Dischistus cylindricus* Bezzi, 1906, by original designation.

**chioleucus**

*Gonarthus chioleucus* Hesse, 1938: 668. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**chioneus**

*Gonarthus chioneus* Bezzi, 1921a: 91. TYPE LOCALITY: South Africa (Eastern Cape) [2S in MSNM].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**chloroxanthus**

*Gonarthus chloroxanthus* Hesse, 1938: 639. TYPE LOCALITY: South Africa (Western Cape) [11S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**citrinus**

*Gonarthus citrinus* Hesse, 1938: 652. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Free State, Gauteng, KwaZulu-Natal, North-West Province).

**clavirostris**

*Gonarthus clavirostris* Hesse, 1938: 654. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**culiciformis**

*Gonarthus culiciformis* Hesse, 1936: 168. TYPE LOCALITY: Botswana [2S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana.

**cycnus**

*Dischistus cycnus* Bigot, 1892: 368. TYPE LOCALITY: “Cap de Bonne-Espérance” [= South Africa (Western Cape)] [2S in BMNH\*].

*cycnus*, error for *cycnus*.

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**cylindricus**

*Dischistus cylindricus* Bezzi, 1906: 257. TYPE LOCALITY: Eritrea [S in MZUF; S (lost) in MSNM].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia.

**hirtus**

*Dischistus hirtus* Bezzi, 1912: 611. TYPE LOCALITY: “North Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**irvingi**

*Gonarthrus irvingi* Hesse, 1938: 661. TYPE LOCALITY: South Africa (Free State) [2S in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Free State).

**kalaharicus**

*Gonarthrus kalaharicus* Hesse, 1936: 168. TYPE LOCALITY: Botswana [H in NMSA\*].

*Gonarthrus kalaharicus* var. *venustus* Hesse, 1936: 169. TYPE LOCALITY: Botswana [4S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, ?Tanzania.

**labiosus**

*Gonarthrus labiosus* Hesse, 1938: 649. TYPE LOCALITY: South Africa (Northern Province) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Province).

**leucomelas**

*Gonarthrus leucomelas* Bowden, 1975c: 313. TYPE LOCALITY: Uganda [H in JB].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia, Ghana, Ivory Coast, Namibia, Nigeria, Kenya, South Africa (Eastern Cape, KwaZulu-Natal, Mpumalanga), Tanzania, Uganda, Zimbabwe.

**longibarbus**

*Geron longibarbus* Efflatoun, 1945: 146. TYPE LOCALITY: Egypt [23S in ECF; 11S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt, Saudi Arabia.

**longipennis**

*Gonarthrus longipennis* Greathead, 1967: 226. TYPE LOCALITY: Ethiopia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia.

**mimus**

*Gonarthrus mimus* Hesse, 1938: 655. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**monticola**

*Gonarthrus monticolus* Hesse, 1938: 637. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**mutabilis**

*Gonarthrus mutabilis* Bowden, 1964a: 48. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**namaensis**

*Gonarthrus namaensis* Hesse, 1938: 635. TYPE LOCALITY: South Africa (Northern Cape) [41S in SAMC; 4S in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**natalensis**

*Gonarthrus natalensis* Hesse, 1938: 647. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in DMSA].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, KwaZulu-Natal), Tanzania.



**nivalis**

*Bombylius niveus* Macquart, 1840: 102 [1841: 380]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [1S in BMNH\*]. [Preoccupied by Meigen, 1804.]

*Bombylius nivalis* Hesse, 1938: 666. TYPE LOCALITY: South Africa (North-West Province) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (North-West Province, Western Province).

**phileremus**

*Gonarthrus phileremus* Hesse, 1938: 659. TYPE LOCALITY: “S.W. Africa” [= Namibia] [2S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**rhodesiensis**

*Gonarthrus rhodesiensis* Hesse, 1938: 657. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**subtropicalis**

*Gonarthrus subtropicalis* Hesse, 1938: 664. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**tenuirostris**

*Gonarthrus tenuirostris* Hesse, 1938: 667. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**turneri**

*Gonarthrus turneri* Hesse, 1938: 662. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

*Gonarthrus turneri* var. *melalophus* Hesse, 1938: 664. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**versfeldi**

*Gonarthrus versfeldi* Hesse, 1938: 646. TYPE LOCALITY: South Africa (Western Cape) [6S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**vumbuensis**

*Gonarthrus vumbuensis* Hesse, 1938: 658. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**willowmorensis**

*Gonarthrus willowmorensis* Hesse, 1938: 642. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**xanthinus**

*Gonarthrus xanthinus* Bezzi, 1921a: 89. TYPE LOCALITY: South Africa (Northern Cape & North-West Province) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Lesotho, South Africa (North-West Province, Northern Cape).

**xantholeucus**

*Gonarthrus xantholeucus* Bowden, 1964a: 47. TYPE LOCALITY: Ghana [H in JB].  
DISTRIBUTION: **Afrotropical**: Ghana, Nigeria.

Genus **HETEROSTYLUM** Macquart

**HETEROSTYLUM** Macquart, 1848: 195(35). Type species: *Heterostylum flavum* Macquart, 1848 [= *Tanyglossa hirsuta* Thunberg, 1827], by original designation.

**COMASTES** Osten Sacken, 1877: 256. Type species: *Comastes robustus* Osten Sacken, 1877, by monotypy. [Preoccupied by Jan, 1863.]

**UNDULOPTOMYIA** Evenhuis, 1978d: 247 (new replacement name for *Comastes* Osten Sacken, 1877). Type species: *Comastes robustus* Osten Sacken, 1877, automatic.

**HETEROSTILUM**, incorrect original spelling of *Heterostylum* [Macquart, 1848: 231(71)].

**bicolor**

*Bombylius bicolor* Loew, 1861a: 34. TYPE LOCALITY: Cuba [T in UNKN].  
DISTRIBUTION: **Neotropical**: Cuba.

**croceum**

*Heterostylum croceum* Painter, 1930a: 6. TYPE LOCALITY: USA (Kansas) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Coahuila, México), USA (Colorado, Illinois, Kansas, Missouri, New Mexico, Texas).

**deani**

*Heterostylum deani* Painter, 1930a: 5. TYPE LOCALITY: USA (Kansas) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (Colorado, Kansas, Wyoming).

**duocolor**

*Comastes bicolor* Wulp, 1888: 366. TYPE LOCALITY: Argentina [H (destroyed) in ZMAN (R.H. Painter, *in litt.*)]. [Preoccupied by Loew, 1861.]  
*Heterostylum duocolor* Painter & Painter, 1974: 21 (new replacement name for *Comastes bicolor* Wulp, 1888).  
DISTRIBUTION: **Neotropical**: Argentina.

**engelhardti**

*Heterostylum engelhardti* Painter, 1930a: 7. TYPE LOCALITY: USA (Texas) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California, Texas, Utah).

**evenhuisi**

*Heterostylum evenhuisi* Cunha & Lamas, 2005: 25. TYPE LOCALITY: Brazil (Ceará) [H in MZUSP].  
DISTRIBUTION: **Neotropical**: Brazil (Bahia, Ceará, Goiás, Pará, Pernambuco, Rio Grande do Norte, São Paulo).

**ferrugineum**

*Bombylius ferrugineus* Fabricius, 1805: 132. TYPE LOCALITY: “Americae Insulis” [= U.S. Virgin Is] [2S in ZMUC; 1S in ZMHB\*].  
DISTRIBUTION: **Neotropical**: Bolivia, Brazil (Bahia, Ceará, Goiás, Mato Grosso, Roraima, São Paulo), British Virgin Is, Paraguay, Puerto Rico, U.S. Virgin Is.

**haemorrhoidicum**

*Bombylius haemorrhoidicus* Loew, 1863d: 300 [1864: 184]. TYPE LOCALITY: Cuba [H in MCZ\*].

*Bombylius semirufus* Loew, 1872a: 78 [1872c: 254]. TYPE LOCALITY: Haiti [L designated by Evenhuis (1982b: 17) in MCZ\*].

DISTRIBUTION: **Neotropical**: Cuba, Dominican Republic, Haiti.

**helvolum**

*Heterostylum helvolum* Hall & Evenhuis, 1982: 171. TYPE LOCALITY: Mexico (Tamaulipas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Sinaloa, Sonora, Tamaulipas, Zacatecas).

**hirsutum**

*Tanyglossa hirsuta* Thunberg, 1827: 67. TYPE LOCALITY: “Brasilia” [= Brazil or Uruguay] [H in UZIU].

*Heterostylum flavum* Macquart, 1848: 196(36). TYPE LOCALITY: “Brésil” [H in BMNH\*].

*Heterostylum xanthobasis* Curran, 1929: 6. TYPE LOCALITY: Colombia [H in AMNH\*].

DISTRIBUTION: **Neotropical**: Argentina, Brazil, Colombia, Paraguay, Venezuela.

**maculipennis**

*Heterostylum maculipennis* Cunha & Lamas, 2005: 28. TYPE LOCALITY: Brazil (São Paulo) [H in MZUSP].

DISTRIBUTION: **Neotropical**: Brazil (Rio de Janeiro, Santa Catarina, São Paulo).

**pallipes**

*Heterostylum pallipes* Bigot, 1892: 361. TYPE LOCALITY: Haiti [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Dominican Republic, Haiti.

**robustum**

*Comastes robustus* Osten Sacken, 1877: 257. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta), Mexico (Baja California Norte, Baja California Sur, Coahuila de Zaragoza, Guerrero, Morelos, Nuevo León, Puebla, Sinaloa, Sonora, Tamaulipas), USA (Arizona, California, Colorado, Georgia, Idaho, Kansas, Nevada, New Mexico, Oklahoma, Oregon, Texas, Utah).

**rufum**

*Bombylius rufus* Olivier, 1789: 327. TYPE LOCALITY: “Antilles” [H in UNKN (originally in de Badier Collection)].

*Bombylius basilaris* Wiedemann, 1819b: 46. TYPE LOCALITY: “Brasilia” [= Brazil or Uruguay] [L designated by Painter & Painter (1974: 27) in NMW].

*Tanyglossa deusta* Thunberg, 1827: 68. TYPE LOCALITY: “Brasilia” [= Brazil or Uruguay] [H in UZIU].

*Bombylius histrio* Walker, 1849: 293. TYPE LOCALITY: Not given [= Neotropical] [T in UNKN].

*Heterostylum stigmatias* Knab, 1913: 110. TYPE LOCALITY: Mexico (Tabasco) [2S in USNM\*].

DISTRIBUTION: **Neotropical**: Argentina, Brazil (Acre, Espirito Santo, Goias, Mato Grosso, Maranhão, Pará, São Paulo), Guatemala, Guyana, Mexico (Tabasco), Peru, U.S. Virgin Is.

Genus **ISOCNEMUS** Bezzi

**ISOCNEMUS** Bezzi, 1924a: 101. Type species: *Isocnemus nemestrinus* Bezzi, 1924, by original designation.

**nemestrinus**

*Isocnemus nemestrinus* Bezzi, 1924a: 101. TYPE LOCALITY: "Abyssinia" [= Ethiopia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ethiopia.

Genus **KARAKUMIA** Paramonov

**KARAKUMIA** Paramonov, 1927a: 95(77). Type species: *Karakumia nigra* Paramonov, 1927, by monotypy.

**nigra**

*Karakumia nigra* Paramonov, 1927a: 96(78). TYPE LOCALITY: Turkmenistan [2S in ZMHB\*; 1S in SIZK].

DISTRIBUTION: **Palaearctic**: Turkmenistan.

Genus **LAURELLA** Hull

**LAURELLA** Hull, 1971a: 3. Type species: *Laurella auripila* Hull, 1971 [= *Dischistus formosus* Roberts, 1928], by original designation

**formosa**

*Dischistus formosus* Roberts, 1928b: 451. TYPE LOCALITY: Australia (Queensland) [H in QM].

*Laurella auripila* Hull, 1971a: 3. TYPE LOCALITY: Australia (Queensland) [H in CNC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**pallidoventris**

*Dischistus pallidoventer* Roberts, 1928b: 452. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

Genus **LEPIDOCHLANUS** Hesse

**LEPIDOCHLANUS** Hesse, 1938: 613. Type species: *Lepidochlanus fimbriatus* Hesse, 1938, by original designation.

**fimbriatus**

*Lepidochlanus fimbriatus* Hesse, 1938: 615. TYPE LOCALITY: South Africa (Western Cape) [8S in BMNH\*; 2S in NMSA\*; 161S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

Genus **MANDELLA** Evenhuis

**MANDELLA** Evenhuis, 1983a: 207. Type species: *Systoechus albohirtus* Roberts, 1928, by original designation

**albohirta**

*Systoechus albohirtus* Roberts, 1928b: 422. TYPE LOCALITY: Australia (SA) [H in SAMA\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (SA).

**cinctiventris**

*Systoechus cinctiventris* Roberts, 1928b: 424. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**flavovillosa**

*Systoechus flavovillosus* Roberts, 1928b: 423. TYPE LOCALITY: Australia (Queensland) [H (lost) in MAMU].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**pallida**

*Systoechus pallidus* Roberts, 1928b: 422. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**rubida**

*Systoechus rubidus* Roberts, 1928b: 421. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

Genus **MEOMYIA** Evenhuis

**PARAMONOVELLA** Hull, 1973: 61. Type species: *Bombylius platyurus* Walker, 1849 [= *Bombylius fasciculatus* Macquart, 1840], by subsequent designation (Evenhuis, 1991b: 59). *Nomen nudum*.

**PARAMONOVELLA** Zaitzev, 1982: 521(68)]. Type species: *Bombylius albiceps* Macquart, 1848 (as “*Paramonovella albiceps*”), by monotypy. *Nomen nudum*.

**MEOMYIA** Evenhuis, 1983a: 210. Type species: *Bombylius platyurus* Walker, 1849 [= *Bombylius fasciculatus* Macquart, 1840], by original designation

**albiceps**

*Bombylius albiceps* Macquart, 1848: 196(36). TYPE LOCALITY: “Nouvelle-Hollande” [= Australia] [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, Victoria, WA).

**australis**

*Bombylius australis* Guérin-Méneville, 1831: pl. 20, fig. 4 [1838: 294]. TYPE LOCALITY: Australia (NSW) [H (lost) in MNHN].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**callynthrophora**

*Systoechus callynthrophorus* Schiner, 1868b: 137. TYPE LOCALITY: Australia (NSW) [3S in NMW].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**fasciculata**

*Bombylius fasciculatus* Macquart, 1840: 93 [1841: 371]. TYPE LOCALITY: “Patrie inconnue” [= Australia (NSW)] [H in BMNH\*].

*Bombylius platyurus* Walker, 1849: 286. TYPE LOCALITY: Australia (WA) [3S in BMNH\*; 1S in OUMNH\*].

*Bombylius crassus* Walker, 1849: 287. TYPE LOCALITY: “New Holland” [= Australia] [1S in BMNH\*].

*Bombylius notatipennis* Macquart, 1855: 98(78) [as “*notati-pennis*” on p. 149(129)]. TYPE LOCALITY: Australia (NSW) [H in BMNH\*].

*platyurus*, error for *platyurus*.

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, SA, Queensland, Victoria, WA).

**pausaria**

*Systoechus pausarius* Jaenicke, 1867b: 348 [1868: 40]. TYPE LOCALITY: “Australia” [H in SMFD].

DISTRIBUTION: **Australasian/Oceanian**: Australia.

**penicillata**

*Bombylius penicillatus* Macquart, 1850: 422(118). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [= eastern Australia] [H in MNHN\*].

*penicillatus*, incorrect original spelling of *penicillata* [Macquart, 1850: 474(170)].

DISTRIBUTION: **Australasian/Oceanian**: eastern Australia.

**sericans**

*Bombylius sericans* Macquart, 1850: 420(116). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [= eastern Australia] [1S in MNHN\*; 1S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland, WA).

**tetratracha**

*Bombylius tetratrachus* Walker, 1849: 291. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**vetusta**

*Bombylius vetustus* Walker, 1849: 286. TYPE LOCALITY: “New Holland” [= Australia] [1S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia.

**yeatesi**

*Bombylius punctipennis* Thomson, 1869: 487. TYPE LOCALITY: Australia (NSW) [H in NHRS]. [Preoccupied by Loew, 1855.]

*Meomyia yeatesi* Evenhuis & Greathead, 1999: 160 (new replacement name for *Bombylius punctipennis* Thomson, 1869).

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

Genus **MUSCATHERES** Evenhuis

**MUSCATHERES** Evenhuis, 1986: 21. Type species: *Phthiria lurida* Walker, 1857, by original designation.

**luridus**

*Phthiria lurida* Walker, 1857: 146. TYPE LOCALITY: Brazil (Pará) [L designated by Painter & Painter (1974: 57) in BMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Amazonas, Pará, Roraima).

Genus **NECTAROPOTA** Philippi

**NECTAROPOTA** Philippi, 1865: 678. Type species: *Nectaropota setiger* Philippi, 1865, by monotypy.

**setigera**

*Nectaropota setiger* Philippi, 1865: 679. TYPE LOCALITY: Chile [N designated by Hall (1976a: 49) in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

Genus **NEOBOMBYLODES** Evenhuis

**BOMBYLODES** Paramonov, 1940c: 65, 339. Type species: *Dischistus multisetosus* Loew, 1857, by original designation. [Preoccupied by Fauvel, 1904.]

**NEOBOMBYLODES** Evenhuis, 1978d: 247 (new replacement name for *Bombylodes* Paramonov, 1940). Type species: *Dischistus multisetosus* Loew, 1857, automatic.

**asiaticus**

*Sparnopolius asiaticus* Becker & Stein, 1912: 604. *Nomen nudum*.

*Sparnopolius asiaticus* Becker in Becker & Stein, 1913a: 584. TYPE LOCALITY: Iran [L designated by Zaitzev (1972d: 901) in ZIS].

DISTRIBUTION: **Palaeartic**: Iran.

**eximius**

*Dischistus eximius* Becker, 1906b: 111. TYPE LOCALITY: Tunisia [H (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Libya, Tunisia.

**giganteus**

*Dischistus giganteus* Villeneuve, 1920: 115. TYPE LOCALITY: Algeria [1S in KBIN\*].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Libya.

**multisetosus**

*Dischistus multisetosus* Loew, 1857a: 17. TYPE LOCALITY: Spain [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Iran, Israel, Italy, Spain.

Genus **NEODISCHISTUS** Painter

**NEODISCHISTUS** Painter, 1933b: 1. Type species: *Neodischistus currani* Painter, 1933, by original designation.

**collaris**

*Neodischistus collaris* Painter, 1933b: 3. TYPE LOCALITY: Argentina [H in USNM\*].

DISTRIBUTION: **Neotropical**: Argentina, Bolivia, Brazil (Mato Grosso, São Paulo), Paraguay.

**currani**

*Neodischistus currani* Painter, 1933b: 2. TYPE LOCALITY: Panama [H in AMNH\*].

DISTRIBUTION: **Neotropical**: Panama.

**marstoni**

*Neodischistus marstoni* Lamas & Yamaguchi, 2010: 53. TYPE LOCALITY: Brazil (Ceará, Espírito Santo, Maranhão, Mato Grosso, Mato Grosso do Sul, São Paulo) [H in MZUSP].

DISTRIBUTION: **Neotropical**: Brazil (São Paulo).

Genus **NOTHOSCHISTUS** Bowden

**NOTHOSCHISTUS** Bowden, 1985: 103. Type species: *Bombylius transatlanticus* Philippi, 1865, by original designation.

**maculatus**

*Dischistus maculatus* Hall, 1976a: 38. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**melampogon**

*Bombylius melampogon* Philippi, 1865: 650. TYPE LOCALITY: Chile [N designated by Hall (1976a: 41) in MEUC\*].

*Bombylius frontatus* Philippi, 1865: 651. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

*Amictus cinerascens* Bigot, 1892: 373. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile, Peru.

**nigricornis**

*Bombylius nigricornis* Philippi, 1865: 650. TYPE LOCALITY: Chile [N designated by Hall (1976a: 41) in CAS\*].

DISTRIBUTION: **Neotropical**: Chile.

**transatlanticus**

*Bombylius transatlanticus* Philippi, 1865: 649. TYPE LOCALITY: Chile [N designated by Hall (1976a: 44) in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**PARABOMBYLIUS** Williston

**PARABOMBYLIUS** Williston, 1907: 1 (as genus). Type species: *Thlipsogaster ater* Coquillett, 1894 [preoccupied, = *Bombylius coquilletti* Williston, 1901], by subsequent designation (Coquillett, 1910b: 583).

**albopenicillatoides**

*Parabombylius albopenicillatoides* Hall & Evenhuis, 1981: 102. TYPE LOCALITY: Mexico (Michoacán de Ocampo) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Michoacán de Ocampo).

**albopenicillatus**

*Bombylius albopenicillatus* Bigot, 1892: 363. TYPE LOCALITY: "Mexique" [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guanajuato, Guerrero, Puebla, Veracruz-Llave), USA (Arkansas, Texas). **Neotropical**: Mexico (Oaxaca).

**aleophilus**

*Parabombylius aleophilus* Hall & Evenhuis, 1981: 102. TYPE LOCALITY: Mexico (Durango) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Coahuila de Zaragoza, Durango, Sonora).

**arizonicus**

*Parabombylius arizonicus* Hall & Evenhuis, 1981: 103. TYPE LOCALITY: USA (Arizona) [H in USNM\*]. [Preoccupied by Hall & Evenhuis, 1980.]

*Bombylius zonicus* Evenhuis & Greathead, 1999: 140 (new replacement name for *Parabombylius arizonicus* Hall & Evenhuis, 1981).

DISTRIBUTION: **Nearctic**: USA (Arizona).



**aureus**

*Parabombylius aureus* Evenhuis, 1977: 121. TYPE LOCALITY: Mexico (Chiapas) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero). **Neotropical:** Guatemala, Mexico (Chiapas, Oaxaca).

**calus**

*Parabombylius calus* Hall & Evenhuis, 1981: 108. TYPE LOCALITY: Mexico (Puebla) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Puebla).

**coahuilensis**

*Parabombylius coahuilensis* Hall & Evenhuis, 1981: 109. TYPE LOCALITY: Mexico (Coahuila de Zaragoza) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Coahuila de Zaragoza).

**coquilletti**

*Thlipsogaster ater* Coquillett, 1894a: 108. TYPE LOCALITY: USA (Louisiana) [L designated by Hall & Evenhuis (1981: 104) in USNM\*]. [Preoccupied by Scopoli, 1763.]

*Bombylius coquilletti* Williston, 1899: 331 (new replacement name for *Thlipsogaster ater* Coquillett, 1894).

DISTRIBUTION: **Nearctic:** Mexico (Nuevo León, Tamaulipas), USA (Arkansas, Indiana, Kansas, Louisiana, Maryland, Mississippi, Missouri, Ohio, Texas).

**dolorosus**

*Bombylius dolorosus* Williston, 1901: 286. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 19) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos). **Neotropical:** Mexico (Oaxaca).

**fulvus**

*Parabombylius fulvus* Hall & Evenhuis, 1981: 113. TYPE LOCALITY: Mexico (Sonora) [H in USNM\*]. [Preoccupied by Meigen, 1820.]

*Bombylius fulvulus* Evenhuis & Greathead, 1999: 138 (new replacement name for *Parabombylius fulvus* Hall & Evenhuis, 1981).

DISTRIBUTION: **Nearctic:** Mexico (Chihuahua, Sonora), USA (Arizona, New Mexico).

**hesychastes**

*Parabombylius hesychastes* Hall & Evenhuis, 1981: 114. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona).

**iphiculus**

*Parabombylius iphiculus* Hall & Evenhuis, 1981: 115. TYPE LOCALITY: Mexico (Sonora) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Sinaloa, Sonora), USA (Arizona).

**loriae**

*Parabombylius loriae* Evenhuis, 1977: 122. TYPE LOCALITY: Mexico (Chiapas) [H in CAS\*].

DISTRIBUTION: **Neotropical:** Mexico (Chiapas).

**maculosus**

*Parabombylius maculosus* Painter, 1926a: 78. TYPE LOCALITY: (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur), USA (Arizona, California).

**magnificus**

*Parabombylius magnificus* Evenhuis, 1980b: 356. TYPE LOCALITY: Mexico (Sinaloa) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Sinaloa).

**mexicanus**

*Parabombylius mexicanus* Hall & Evenhuis, 1981: 119. TYPE LOCALITY: Mexico (Querétaro de Arteaga) [H in USNM\*]. [Preoccupied by Wiedemann, 1821.]

*Bombylius queretaroensis* Evenhuis & Greathead, 1999: 139 (new replacement name for *Parabombylius mexicanus* Hall & Evenhuis, 1981).

DISTRIBUTION: **Nearctic:** Mexico (Querétaro de Arteaga).

**micropsarus**

*Parabombylius micropsarus* Evenhuis, 1980b: 357. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Colima, Morelos).

**nephthys**

*Parabombylius nephthys* Hall & Evenhuis, 1981: 119. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona).

**nigrofemoratus**

*Parabombylius vittatus* Curran, 1930a: 7. TYPE LOCALITY: USA (Arizona) [H in AMNH\*]. [Preoccupied by Painter, 1926.]

*Parabombylius nigrofemoratus* Painter, 1940: 278 (new replacement name for *Parabombylius vittatus* Curran, 1930).

DISTRIBUTION: **Nearctic:** USA (Arizona).

**painterorum**

*Parabombylius painterorum* Hall & Evenhuis, 1981: 122. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Morelos).

**pallidus**

*Parabombylius pallidus* Hall & Evenhuis, 1981: 124. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

*Bombylius morelos* Evenhuis & Greathead, 1999: 139 (new replacement name for *Parabombylius pallidus* Hall & Evenhuis, 1981).

DISTRIBUTION: **Nearctic:** Mexico (Morelos).

**paradoxus**

*Parabombylius paradoxus* Hall & Evenhuis, 1981: 126). TYPE LOCALITY: Mexico (Durango) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Coahuila de Zaragoza, Durango).

**pulcher**

*Parabomblylius pulcher* Painter, 1926a: 76. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Texas).

**pyrrhothrix**

*Parabomblylius pyrrhothrix* Hall & Evenhuis, 1981: 130. TYPE LOCALITY: USA (Arizona) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (Arizona).

**rutilous**

*Parabomblylius rutilous* Hall, 1975b: 112. TYPE LOCALITY: USA (New Mexico) [H in CAS\*].

*Parabomblylius rutilus* Hall, 1975c: 211 (unjustified emendation of *Parabomblylius rutilous* Hall, 1975). [Preoccupied by Walker, 1849.]

DISTRIBUTION: **Nearctic:** USA (New Mexico, Texas).

**septentrionalis**

*Parabomblylius septentrionalis* Hall & Evenhuis, 1981: 133. TYPE LOCALITY: USA (Arkansas) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arkansas, Illinois, Kansas).

**subflavus**

*Parabomblylius subflavus* Painter, 1926a: 76). TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Arizona).

**submaculosus**

*Parabomblylius submaculosus* Hall & Evenhuis, 1981: 136. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur, Morelos).

**syndesmus**

*Thlipsogaster syndesmus* Coquillett, 1894a: 108. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1981: 137) in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Chihuahua, Coahuila de Zaragoza), USA (California, Arizona, New Mexico, Texas).

**syrinx**

*Parabomblylius syrinx* Evenhuis, 1980b: 355. TYPE LOCALITY: Guatemala [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero). **Neotropical:** Guatemala, Nicaragua.

**taxcoensis**

*Parabomblylius taxcoensis* Hall & Evenhuis, 1981: 138. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos).

**vittatus**

*Parabomblylius vittatus* Painter, 1926a: 77. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (New Mexico).

Genus **PARACHISTUS** Greathead

**PARACHISTUS** Greathead, 1980a: 238. Type species: *Parachistus pulchellus* Greathead, 1980, by original designation.

**pulchellus**

*Parachistus pulchellus* Greathead, 1980a: 238. TYPE LOCALITY: Oman [H in BMNH\*].  
DISTRIBUTION: **Palaeartic**: Kuwait, Oman.

Genus **PARASYSTOECHUS** Hall

**PARASYSTOECHUS** Hall, 1976a: 27 (as subgenus of *Bombylius* Linnaeus). Type species: *Bombylius flavescens* Philippi, 1865, by original designation.

**abdominalis**

*Bombylius abdominalis* Wiedemann, 1828: 346. TYPE LOCALITY: “Montevideo in Brasilien” [= Uruguay] [2S in NMW\*].  
*Bombylius mesomelas* Wiedemann, 1830: 640. TYPE LOCALITY: “Cassapawa” [= Brazil (Rio Grande do Sul)] [H in NMW\*].  
DISTRIBUTION: **Neotropical**: Brazil (Rio Grande do Sul), Uruguay.

**dichoptus**

*Bombylius dichoptus* Hall, 1976a: 28. TYPE LOCALITY: Chile [H in CAS\*].  
DISTRIBUTION: **Neotropical**: Chile.

**flavescens**

*Bombylius flavescens* Philippi, 1965: 650. TYPE LOCALITY: Chile [N designated by Hall (1976a: 30) in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

**haywardi**

*Bombylius haywardi* Edwards, 1937: 36. TYPE LOCALITY: Argentina [9S in BMNH\*].  
DISTRIBUTION: **Neotropical**: Argentina.

**landbecki**

*Bombylius landbecki* Philippi, 1865: 650. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].  
DISTRIBUTION: **Neotropical**: Chile.

**ochraceus**

*Bombylius ochraceus* Bigot, 1892: 364. TYPE LOCALITY: Uruguay [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Uruguay.

**rufoanalis**

*Bombylius rufoanalis* Macquart, 1850: 424(120) (as “*rufo analis*”). TYPE LOCALITY: “Amérique meridionale” [= South America] [T (lost) in BMNH (originally in Bigot Collection)].  
*rufianalis*, incorrect original spelling of *rufoanalis* [Macquart, 1850: 474(170)].  
DISTRIBUTION: **Neotropical**: South America.

**ruizi**

*Bombylius ruizi* Edwards, 1937: 35. TYPE LOCALITY: Chile [2S in BMNH\*].  
DISTRIBUTION: **Neotropical**: Chile.

**seniculus**

*Bombylius seniculus* Philippi, 1865: 649. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical**: Chile.

**valdivianus**

*Bombylius valdivianus* Rondani, 1863: 68 [1864: 68]. TYPE LOCALITY: Chile [H in MZUN].

*Bombylius valdivianus* Philippi, 1865: 649. TYPE LOCALITY: Chile [1S in MZUN; S (lost?) in MNNC (see Note 22)]. [Preoccupied by Rondani, 1863.]

DISTRIBUTION: **Neotropical**: Chile.

Genus **PARISUS** Walker

**PARISUS** Walker, 1852: 196. Type species: *Parisus paterculus*, 1852, by monotypy.

**aemulus**

*Bombylius aemulus* Hesse, 1938: 204. TYPE LOCALITY: South Africa (Western Cape) [S in SAMC\*].

*Bombylius montivagus* Hesse, 1938: 206. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, South Africa (Eastern Cape, Northern Cape, Western Cape).

**albiventris**

*Bombylius albiventris* Macquart, 1840: 87 [1841: 365]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**ancistrus**

*Bombylius ancistrus* Hesse, 1961: 76. TYPE LOCALITY: South Africa (Northern Cape) [S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**annuliventris**

*Bombylius annuliventris* Hesse, 1938: 228. TYPE LOCALITY: “South West Africa” [= Namibia] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**aurantiacus**

*Bombylius aurantiacus* Macquart, 1840: 89 [1841: 367]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [2S in BMNH\*].

*Bombylius bicoloricornis* Macquart, 1855: 99(79) [as “*bicolori-cornis*” on p. 149 (129)]. TYPE LOCALITY: “Océanie, cap des Aiguilles” [= South Africa (Western Cape)] [2S in BMNH\*].

*Bombylius marginellus* Bezzi, 1921a: 20. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

*Bombylius tinctipennis* Hesse, 1938: 176. TYPE LOCALITY: South Africa (Western Cape) [4S in BMNH\*; S in NMSA; S in SAMC\*].

*Bombylius tinctipennis* var. *thornei* Hesse, 1938: 178. TYPE LOCALITY: South Africa (Northern Cape) [L designated by Evenhuis & Greathead (1999: 662) in SAMC\*].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

**auriferus**

*Bombylius auriferus* Hesse, 1938: 210. TYPE LOCALITY: South Africa (Northern Cape) [L designated by Evenhuis & Greathead (1999: 658) in SAMC\*].

*Bombylius auriferus* f. *atrifemoris* Hesse, 1961: 59 [Unavailable; varietal name published after 1960.]

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape).

**aurimystax**

*Bombylius aurimystax* Hesse, 1938: 187. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**brachyrrhynchus**

*Bombylius brachyrrhynchus* Bezzi, 1921a: 16. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**damarensis**

*Bombylius damarensis* Hesse, 1938: 207. TYPE LOCALITY: “South West Africa” [= Namibia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**engymetopus**

*Bombylius engymetopus* Hesse, 1961: 66. TYPE LOCALITY: South Africa (Northern Cape) [8S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**eremophilus**

*Bombylius eremophilus* Hesse, 1961: 57. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**eurhinatus**

*Bombylius rufus* Macquart, 1840: 91 [1841: 369]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN (originally in Serville Collection)]. [Pre-occupied by Olivier, 1789.]

*Bombylius eurhinatus* Bezzi, 1921a: 16. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

*Bombylius eurhinatus* var. *bechuanus* Hesse, 1936: 163. TYPE LOCALITY: South Africa (North-West Province) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (North-West Province, Northern Cape, Western Cape).

**extraneus**

*Bombylius extraneus* Hesse, 1938: 195. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**flavissimus**

*Bombylius flavissimus* Greathead, 1980b: 300. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen. **Palearctic**: Saudi Arabia.

**fucatus**

*Bombylius fucatus* Bezzi, 1921a: 14 (key only). TYPE LOCALITY: “South Africa” [= South Africa (Eastern Cape) (see Bezzi, 1922a: 72)] [4S (destroyed) in HNHM (see Note 9)].

*Bombylius imitator* Hesse, 1938: 185. TYPE LOCALITY: South Africa (Northern Cape) [8S in SAMC\*]. [Preoccupied by Loew, 1855.]

*Bombylius pseudopsis* Hesse, 1938: 188. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

*Bombylius icteroglaenus* Hesse, 1938: 190. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

*Bombylius anomalus* Hesse, 1938: 196. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*]. [Preoccupied by Wiedemann, 1821.]

*Bombylius calviniensis* Hesse, 1938: 198. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

*Bombylius erroneus* Bowden, 1980: 392 (new replacement name for *Bombylius imitator* Hesse, 1938).

*Parisus neoanomalus* Evenhuis & Greathead, 1999: 166 (new replacement name for *Bombylius anomalus* Hesse, 1938).

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape).

**fusifer**

*Bombylius fusifer* Hesse, 1961: 71. TYPE LOCALITY: South Africa (Western Cape) [4S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**globulus**

*Bombylius globulus* Bezzi, 1921a: 17. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**impurus**

*Bombylius impurus* Loew, 1863a: 12. TYPE LOCALITY: South Africa (Free State) [H in UNKN (sold at auction)].

DISTRIBUTION: **Afrotropical**: South Africa (Free State).

**inermis**

*Bombylius inermis* Hesse, 1938: 214. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**kaokoensis**

*Bombylius kaokoensis* Hesse, 1938: 193. TYPE LOCALITY: “South West Africa” [= Namibia] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**karooensis**

*Bombylius karooensis* Hesse, 1938: 201. TYPE LOCALITY: South Africa (Northern Cape) [3S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**latipectus**

*Bombylius latipectus* Hesse, 1938: 212. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**luteipennis**

*Bombylius luteipennis* Bezzi, 1924a: 49. TYPE LOCALITY: "S. Abyssinia" [= Ethiopia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia, Kenya, Tanzania, Uganda.

**melanus**

*Bombylius auriferus* var. *melanus* Hesse, 1938: 212. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**meltoni**

*Bombylius meltoni* Hesse, 1938: 191. TYPE LOCALITY: South Africa (Northern Cape) [3S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**mesghalii**

*Bombylius mesghalii* Abbassian-Lintzen, 1965: 539. TYPE LOCALITY: Iran [H in TUPH].

DISTRIBUTION: **Palaearctic**: Iran.

**muscoides**

*Bombylius muscoides* Hesse, 1938: 217. TYPE LOCALITY: "South West Africa" [= Namibia] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**namaensis**

*Bombylius simulans* Hesse, 1938: 208. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*]. [Preoccupied by Austen, 1937.]

*Bombylius namaensis* Hesse, 1961: 74 (new replacement name for *Bombylius simulans* Hesse, 1938).

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**nomoxerus**

*Bombylius nomoxerus* Hesse, 1961: 72. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**opistholeucus**

*Bombylius auriferus* var. *nigripes* Hesse, 1938: 211. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*]. [Preoccupied by Macquart, 1834.]

*Bombylius opistholeucus* Hesse, 1961: 60 (new replacement name for *Bombylius auriferus nigripes* Hesse, 1938).

*Bombylius opistholeucus* f. *pallidifemoris* Hesse, 1961: 61. [Unavailable; varietal name published after 1960.]

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**pallescens**

*Bombylius pallescens* Hesse, 1938: 226. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).



**pangoniiformis**

*Parisus pangoniiformis* Greathead, 1995: 59. TYPE LOCALITY: Ethiopia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Ethiopia.

**pararufus**

*Bombylius pararufus* Hesse, 1961: 56. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**paterculus**

*Parisus paterculus* Walker, 1852: 196. TYPE LOCALITY: “Cape” [= South Africa (Western Cape)] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: “Cape” [= South Africa (Western Cape)].

**perangulus**

*Bombylius perangulus* Hesse, 1961: 78. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**phenacops**

*Bombylius phenacops* Hesse, 1961: 70. TYPE LOCALITY: South Africa (Northern Cape) [11S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**philoxerus**

*Bombylius philoxerus* Hesse, 1961: 75. TYPE LOCALITY: South Africa (Northern Cape) [8S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**pruinosulus**

*Bombylius pruinosulus* Hesse, 1938: 224. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**pseudoterminalis**

*Bombylius vicinus* Brunetti, 1909a: 480 [1909b: 226]. TYPE LOCALITY: India (Uttar Pradesh) [H in BMNH\*]. [Preoccupied by Macquart, 1840.]

*Bombylius pseudoterminalis* Senior-White, 1923: 7 (new replacement name for *Bombylius vicinus* Brunetti, 1909).

DISTRIBUTION: **Oriental**: India (Uttar Pradesh), Nepal, Pakistan.

**rufescens**

*Bombylius rufescens* Hesse, 1938: 216. TYPE LOCALITY: “South West Africa” [= Namibia] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**ruficeps**

*Bombylius ruficeps* Macquart, 1840: 88 [1841: 366]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**rufilabris**

*Bombylius rufilabris* Macquart, 1855: 100(80) [as “*rufi-labris*” on p. 149 (129)]. TYPE LOCALITY: Océanie, cap des Aiguilles” [= South Africa (Western Cape)] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape)].

**rufopurpuratus**

*Bombylius rufopurpuratus* Hesse, 1961: 53. TYPE LOCALITY: South Africa (Northern Cape) [L designated by Evenhuis & Greathead (1999: 661) in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**saudiensis**

*Bombylius saudiensis* Greathead, 1980b: 302. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].

DISTRIBUTION: **Palearctic**: Saudi Arabia.

**transitus**

*Bombylius transitus* Hesse, 1938: 222. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Free State, Western Cape).

**turneri**

*Bombylius turneri* Hesse, 1938: 179. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**xanthocerus**

*Bombylius xanthocerus* Bezzi, 1921a: 19. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

Genus **PILOSIA** Hull

**PILOSIA** Hull, 1973: 137. Type species: *Pilosia flavopilosa* Hull, 1973, by original designation.

**flavopilosa**

*Pilosia flavopilosa* Hull, 1973: 137. TYPE LOCALITY: Australia (WA) [H in CNC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**immutata**

*Bombylius immutatus* Walker, 1849: 292. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

Genus **SEMISTOECHUS** Hall

**SEMISTOECHUS** Hall, 1976a: 27 (as subgenus of *Bombylius* Linnaeus). Type species:

*Bombylius ovatus* Hall, 1976, by original designation.

*SEMISTOCHUS*, incorrect original spelling of *Semistoechus* (Hall, 1976a: 26).

**ovatus**

*Bombylius ovatus* Hall, 1976a: 31. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

Genus **SERICUSIA** Edwards

**SERICUSIA** Edwards, 1937: 36. Type species: *Sericusia lanata* Edwards, 1937, by original designation.

**lanata**

*Sericusia lanata* Edwards, 1937: 36. TYPE LOCALITY: Argentina [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Argentina.

Genus **SISYROMYIA** White

**SISYROMYIA** White, 1916: 192, 197. Type species: *Bombylius auratus* Walker, 1849, by subsequent designation (Bezzi, 1924a: 7).

**albavitta**

*Bombylius albavittus* Macquart, 1850: 421(117). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [= eastern Australia] [H in MNHN\*].  
*albavitta*, *albovittata*, errors for *albavitta*.  
DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, WA).

**aurata**

*Bombylius auratus* Walker, 1849: 289. TYPE LOCALITY: “Van Dieman’s Land” [= Australia (Tasmania)] & Australia (WA) [2S in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, SA, Tasmania, WA).

**binghi**

*Bombylius brevirostris* Macquart, 1850: 423(119). TYPE LOCALITY: “Tasmanie” [error, probably = Australia (NSW)] [H in MNHN\*]. [Preoccupied by Olivier, 1789.]  
*Sisyromyia binghi* Evenhuis, 1989b: 364 (new replacement name for *Bombylius brevirostris* Macquart, 1850).  
*breverostris*, incorrect original spelling of *brevirostris* (Macquart, 1840: pl. 7, fig. 7 [1841: pl. 7, fig. 7]).  
DISTRIBUTION: **Australasian/Oceanian**: Australia (?NSW).

**crassirostris**

*Bombylius crassirostris* Macquart, 1850: 421(115). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [probably = Australia (NSW)] [3S in MNHN\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**decorata**

*Bombylius decoratus* Walker, 1849: 291. TYPE LOCALITY: Australia (WA) [2S in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**eulabiata**

*Systoechus eulabiatatus* Bigot, 1892: 366. TYPE LOCALITY: “Van-Diémen” [= Australia (Tasmania)] [H in UNKN].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (Tasmania).

**limbata**

*Sparnopolius limbatus* Bigot, 1892: 369. TYPE LOCALITY: “Australie” [H in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (SA, WA).

**lobalis**

*Bombylius lobalis* Thomson, 1869: 487. TYPE LOCALITY: Australia (NSW) [H in NHRS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**loewii**

*Sisyromyia loewii* Jaenicke, 1867b: 346 [1868: 38]. TYPE LOCALITY: "Australia" [H in SMFD].

DISTRIBUTION: **Australasian/Oceanian**: "Australia".

**pyncorhyncha**

*Bombylius pyncorhynchus* Thomson, 1869: 486. TYPE LOCALITY: Australia (NSW) [H in NHRS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**rutila**

*Bombylius rutilus* Walker, 1849: 289. TYPE LOCALITY: Australia (NSW) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**thomsoni**

*Bombylius scutellaris* Thomson, 1869: 488. TYPE LOCALITY: Australia (NSW) [H in NHRS]. [Preoccupied by Wiedemann, 1828.]

*Sisyromyia thomsoni* Evenhuis & Greathead, 1999: 170 (new replacement name for *Bombylius scutellaris* Thomson, 1869).

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

Genus **SISYROPHANUS** Karsch

**SISYROPHANUS** Karsch, 1886: 53. Type species: *Sisyrophanus homeyeri* Karsch, 1886, by monotypy.

**abdominalis**

*Sisyrophanus abdominalis* Bezzi, 1924a: 86. TYPE LOCALITY: "Kenya Colony" [= Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**homeyeri**

*Sisyrophanus homeyeri* Karsch, 1886: 54. TYPE LOCALITY: Angola [2S in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Angola.

**leptocerus**

*Sisyrophanus leptocerus* Bezzi, 1912: 612. TYPE LOCALITY: "Mbwabwa, Momberas" [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Zambia.

**minor**

*Sisyrophanus minor* Bezzi, 1924a: 87. TYPE LOCALITY: "N. Rhodesia" [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, Zambia, Zimbabwe.

**neavei**

*Sisyrophanus neavei* Bezzi, 1924a: 85. TYPE LOCALITY: "Belgian Congo" [= Congo] [4S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Burundi, Congo, Tanzania.

**ogilviei**

*Sisyrophanus ogilviei* Hesse, 1938: 526. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**pyrrhocerus**

*Sisyrophanus pyrrhocerus* Bezzi, 1912: 612. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Malawi, Tanzania.

**stylifer**

*Sisyrophanus stylifer* Greathead, 1997: 1147. TYPE LOCALITY: Burundi [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Burundi, Tanzania.

Genus **SOSIOMYIA** Bezzi

**SOSIOMYIA** Bezzi, 1921a: 67. Type species: *Sosiomyia comata* Bezzi, 1921 (as “*car-nata*”), by original designation.

*SESYOMYIA*, incorrect original spelling of *Sosiomyia* (Bezzi, 1921a: 173).

*SOSIOMYA*, incorrect original spelling of *Sosiomyia* (Bezzi, 1921a: 180).

**comata**

*Sosiomyia comata* Bezzi, 1921a: 69, 180 [1921b: 477]. TYPE LOCALITY: “Cape” [probably = South Africa (Northern Cape)] [2S in SAMC\*].

*car-nata*, incorrect original spelling of *comata* (Bezzi, 1921a: 69, 176).

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

Genus **STAUROSTICHUS** Hull

**STAUROSTICHUS** Hull, 1973: 76, 104. Type species: *Staurostichus chiastoneura* Hull, 1973, by original designation

**albicinctus**

*Bombylius albicinctus* Macquart, 1847a: 54 [1847c: 70]. TYPE LOCALITY: Australia (Queensland) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**alienus**

*Bombylius pulchellus* Roberts, 1928b: 441. TYPE LOCALITY: Australia (NSW) [H (lost) in MAMU]. [Preoccupied by Loew, 1863.]

*Bombylius alienus* Hardy, 1942: 204 (new replacement name for *Bombylius pulchellus* Roberts, 1928).

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**chiastoneurus**

*Staurostichus chiastoneura* Hull, 1973: 104. TYPE LOCALITY: Australia (Queensland) [N designated by Evenhuis (1983a: 213) in CNC\*; but see Appendix 1].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**chrysendetus**

*Bombylius chrysendetus* White, 1916: 195. TYPE LOCALITY: Australia (Queensland) [2S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**consobrinus**

*Bombylius consobrinus* Macquart, 1847a: 54 [1847c: 70]. TYPE LOCALITY: “Nouvelle-Hollande” [= Australia] & Australia (Queensland) [1S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**dulcis**

*Bombylius dulcis* Roberts, 1928b: 440. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**fuscus**

*Bombylius fuscus* Macquart, 1850: 423(119). TYPE LOCALITY: Australia (Tasmania) [5S in MNHN\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland, Tasmania, Victoria).

**limbipennis**

*Bombylius limbipennis* Macquart, 1840: 96 [1841: 374]. TYPE LOCALITY: “Patrie inconnue” [= Australia] [H in MNHN\*].

*Bombylius australianus* Bigot, 1892: 364. TYPE LOCALITY: Australia (NSW) [1S in BMNH\*]

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW).

**matutinus**

*Bombylius matutinus* Walker, 1849: 281. TYPE LOCALITY: “New Holland” [= Australia] [T (lost) in BMNH].

DISTRIBUTION: **Australasian/Oceanian:** Australia.

**proprius**

*Bombylius proprius* Roberts, 1928b: 436. TYPE LOCALITY: Australia (NSW) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW).

**sciotus**

*Bombylius sciotus* Bowden, 1971c: 296. TYPE LOCALITY: Australia (Queensland) [H in ZMUC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**tenuicornis**

*Bombylius tenuicornis* Macquart, 1846: 244(116). TYPE LOCALITY: “Nouvelle-Holland, terre Van Diemen” [= Australia (Tasmania)] [H in MNHN\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Tasmania).

**viduus**

*Bombylius viduus* Walker, 1852: 199. TYPE LOCALITY: “Van Diemen’s Land” [error, = Australia (Queensland)] [H in BMNH\*].

*Bombylius palliolatus* White, 1916: 194. TYPE LOCALITY: Australia (Queensland) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

Genus **SYSTOECHUS** Loew

**SYSTOECHUS** Loew, 1855: 5, 34 (as subgenus of *Bombylius* Linnaeus). Type species: *Bombylius sulphureus* Mikan, 1796 [= *Bombylius ctenopterus* Mikan, 1796], by subsequent designation (Coquillett, 1910b: 611).

**aberrans**

*Systoechus aberrans* Hesse, 1938: 395. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**acridophagus**

*Systoechus acridophagus* Hesse, 1938: 474. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**affinis**

*Systoechus affinis* Hesse, 1938: 452. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC].

*Systoechus affinis* var. *discrepans* Hesse, 1938: 455. TYPE LOCALITY: South Africa (Western Cape) [4S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Free State, Western Cape).

**albicans**

*Bombylius albicans* Macquart, 1846: 351(223), pl. 10, fig. 7 [*in* Lucas, 1849: 450]. TYPE LOCALITY: Not given [= Algeria (see Macquart in Lucas, 1849: 450)] [T (lost) in MNHN].

DISTRIBUTION: **Palaeartic**: Algeria.

**albidus**

*Systoechus albidus* Loew, 1860a: 84 [1860b: 262; 1860c: 190]. TYPE LOCALITY: “Caf-fraria” [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Gauteng).

**albipectus**

*Systoechus albipectus* Hesse, 1938: 486. TYPE LOCALITY: South Africa (Northern Cape) [3S in NMSA\*; 27S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**altivolans**

*Systoechus altivolans* Hesse, 1938: 450. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**anthophilus**

*Systoechus anthophilus* Hesse, 1938: 466. TYPE LOCALITY: South Africa (Northern Cape) [3S in NMSA\*; 31S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**arabicus**

*Systoechus arabicus* Greathead, 1980b: 309. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Saudi Arabia.

*arcticus*

*Systoechus arcticus* Strobl in Hull, 1973: 84. *Nomen nudum*.

**argyroleucus**

*Systoechus argyroleucus* Hesse, 1938: 428. TYPE LOCALITY: South Africa (Northern Cape) [1S in NMSA\*; 9S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**argyropogonus**

*Systoechus argyropogonus* Hesse, 1938: 458. TYPE LOCALITY: South Africa (Eastern Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**atriceps**

*Systoechus atriceps* Bowden, 1964a: 24. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**audax**

*Systoechus audax* Greathead, 1967: 220. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia, Somalia.

**aureus**

*Systoechus aureus* Hesse, 1938: 446. TYPE LOCALITY: South Africa (Northern Cape) [1S in NMSA\*; 11S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**auricomatus**

*Systoechus auricomatus* Bowden, 1959b: 304. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania.

**aurifacies** ssp. **aurifacies**

*Systoechus aurifacies* Greathead, 1958: 22. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Mali. **Palaeartic**: Oman, Saudi Arabia, United Arab Emirates.

**aurifacies** ssp. **maliensis**

*Systoechus aurifacies* ssp. *maliensis* Greathead, 1970: 98. TYPE LOCALITY: Mali [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Mali.

**auripilus**

*Systoechus albidus* var. *auripilus* Hesse, 1938: 401. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**austeni**

*Systoechus austeni* Bezzi, 1924a: 71. TYPE LOCALITY: "N.-W. Rhodesia" [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zambia.

**autumnalis**

*Bombylius autumnalis* Pallas & Wiedemann in Wiedemann, 1818a: 23. TYPE LOCALITY: "In aridus australibus, circa Volgam et Caspium" [= Russia (CET or SET) (see Pont, 1995: 151)] [1S in ZMHB\*; S in NMW (see Note 20)].

*Systoechus autumnalis* var. *albibarbis* Engel, 1935: 281. TYPE LOCALITY: "Brussa" [= Turkey] [4S in NMW]. [Preoccupied by Zetterstedt, 1849.]



DISTRIBUTION: **Palaearctic**: Algeria, Armenia, Austria, Azerbaijan, Bulgaria, Cyprus, Czech Republic, France, Gruzia, Hungary, Iran, Italy (incl. Sicily), Kazakhstan, Moldova, Romania, Russia (CET, SET), Slovakia, Spain, Syria, Tunisia, Turkey, Turkmenistan, Ukraine.

### **badipennis**

*Systoechus badipennis* Hesse, 1938: 435. TYPE LOCALITY: South Africa (Mpumalanga) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Mpumalanga).

### **badius**

*Systoechus badius* Hesse, 1938: 398. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

### **bombycinus**

*Systoechus bombycinus* Hesse, 1938: 407. TYPE LOCALITY: South Africa (Northern Province) [7S in NMSA\*; 20S in SAMC].

*Systoechus bombycinus* var. *bedfordi* Hesse, 1938: 410. TYPE LOCALITY: South Africa (Gauteng) [2S in BMNH\*].

*Systoechus bombycinus* var. *pallidispinis* Hesse, 1938: 410. TYPE LOCALITY: South Africa (Northern Cape) [9S in BMNH\*; 10S in NMSA\*; 30S in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique, Namibia, South Africa (Eastern Cape, Free State, Gauteng, KwaZulu-Natal, Northern Cape, Northern Province), Zimbabwe.

### **brunnibasis**

*Systoechus brunnibasis* Hesse, 1938: 495. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

### **brunnipennis**

*Bombylius brunnipennis* Loew, 1852: 659 [in Peters, 1862: 13]. TYPE LOCALITY: Mozambique [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Mozambique.

### **candidulus**

*Systoechus candidulus* Loew, 1863d: 302 [1864: 186]. TYPE LOCALITY: USA (Wisconsin) [L designated by Evenhuis (1982b: 6) in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Alabama, Arizona, Arkansas, Colorado, Idaho, Indiana, Iowa, Kansas, Michigan, Minnesota, Montana, Nebraska, North Dakota, Oregon, South Dakota, Texas, Utah, Wisconsin).

### **candidus**

*Systoechus candidus* Hesse, 1938: 459. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

### **canescens**

*Systoechus canescens* Hesse, 1938: 489. TYPE LOCALITY: South Africa (Northern Province) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Province).

**canicapillis**

*Systoechus canicapillis* Bowden, 1959b: 299. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania, Uganda.

**canipectus**

*Systoechus canipectus* Hesse, 1938: 436. TYPE LOCALITY: "S.W. Africa" [= Namibia] [6S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**canus**

*Bombylius canus* Macquart, 1840: 94 [1841: 372]. TYPE LOCALITY: Not given [= ?South Africa] [T in UNKN].

DISTRIBUTION: **Afrotropical**: ?South Africa.

**castanealis**

*Systoechus castanealis* Greathead, 1996b: 212. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**cellularis**

*Systoechus cellularis* Bowden, 1959b: 305. TYPE LOCALITY: Uganda [H in JB].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania, Uganda.

**chlamydicterus**

*Systoechus chlamydicterus* Hesse, 1938: 482. TYPE LOCALITY: South Africa (Northern Province) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Province).

**chrySTALLINUS**

*Systoechus chrySTALLINUS* Bezzi, 1924a: 65. TYPE LOCALITY: "Nyasaland Protectorate" [= Malawi] [7S in BMNH\*].

*Systoechus rufiarticularis* Hesse, 1938: 480. TYPE LOCALITY: "Portuguese East Africa" [= Mozambique] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Kenya, Malawi, Mozambique, South Africa (Kwa Zulu-Natal), Tanzania, Zambia.

**claripennis**

*Bombylius claripennis* Macquart, 1840: 98 [1841: 376]. TYPE LOCALITY: Madagascar [H (lost) in MNHN].

DISTRIBUTION: **Afrotropical**: Madagascar.

**croceipilus**

*Systoechus croceipilus* Greathead, 1980a: 236. TYPE LOCALITY: Oman [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Oman.

**ctenopterus**

*Bombylius ctenopterus* Mikan, 1796: 45. TYPE LOCALITY: "Bohemiae" [= Czech Republic] [T in UNKN].

*Bombylius sulphureus* Mikan, 1796: 52. TYPE LOCALITY: "Bohemiae" [= Czech Republic] [T in UNKN].

*Bombylius aurulentus* Wiedemann in Meigen, 1820: 201. TYPE LOCALITY: Portugal [H in ZMHB\*].

*Bombylius fulvus* Meigen, 1820: 205. TYPE LOCALITY: "Vaterland unbekannt" [= Palaeartic] [T in UNKN (originally in Baumhauer Collection)].

*Bombylius sulphureus* var. *dalmatinus* Loew, 1855: 37. TYPE LOCALITY: Austria & Croatia & Hungary & Italy [7S in ZMHB\*].

*Bombylius ctenopterus* var. *convergens* Loew, 1855: 38. TYPE LOCALITY: “Kleinasien [= Greece, Syria, or Turkey] [H in ZMHB\*].

*Systoechus sulphureus* ssp. *orientalis* Zakhvatkin, 1954: 289. TYPE LOCALITY: Russia (WS) [T in UNKN].

DISTRIBUTION: **Palaeartic:** Algeria, Armenia, Azerbaijan, Austria, Belgium, Bulgaria, China (Xinjiang), Croatia, Cyprus, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Israel, Italy (incl. Sicily), Kazakhstan, Latvia, Lithuania, Macedonia, Moldova, Morocco, Netherlands, Poland, Portugal, Romania, Russia (CET, ES, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, Yugoslavia.

### **damarensis**

*Systoechus damarensis* Hesse, 1938: 490. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC\*].

DISTRIBUTION: **Afrotropical:** Namibia.

### **deceptus**

*Systoechus deceptus* Hesse, 1938: 504. TYPE LOCALITY: South Africa (Free State) [1S in BMNH\*; 4S in DEI\*; 61S in SAMC].

DISTRIBUTION: **Afrotropical:** Botswana, Lesotho, South Africa (Eastern Cape, Free State, Gauteng, KwaZulu-Natal, Northern Province, North-West Province), Zimbabwe.

### **eremophilus**

*Systoechus eremophilus* Hesse, 1936: 166. TYPE LOCALITY: Botswana [12S in NMSA\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical:** Botswana, Zimbabwe.

### **exiguus**

*Systoechus exiguus* Hesse, 1938: 464. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

### **exilipes**

*Systoechus exilipes* Bezzi, 1923b: 319 [1924a: 69]. TYPE LOCALITY: “Kenya Protectorate” [= Kenya] & “Tanganyika Territory” [= Tanzania] [1S in MNHN\*; 1S in MSNM].

DISTRIBUTION: **Afrotropical:** Eritrea, Ethiopia, Kenya, Tanzania.

### **faustus**

*Systoechus faustus* Hesse, 1938: 444. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Northern Cape).

### **flavicapillis**

*Systoechus flavicapillis* Bowden, 1959b: 300. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya, Tanzania.

**flavospinosus**

*Systoechus flavospinosus* Brunetti, 1920: 277. TYPE LOCALITY: “Upper Burma” [= Myanmar] [H in BMNH\*].

DISTRIBUTION: **Oriental:** India (Karnataka), Myanmar.

**fuligineus**

*Systoechus fuligineus* Loew, 1863a: 13. TYPE LOCALITY: South Africa (Free State) [H in UNKN (sold at auction)].

DISTRIBUTION: **Afrotropical:** South Africa (Free State).

**fumipennis**

*Systoechus fumipennis* Painter, 1962: 257. TYPE LOCALITY: USA (Wyoming) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Colorado, Idaho, Oregon, Utah, Washington, Wyoming).

**fumitinctus**

*Systoechus fumitinctus* Hesse, 1938: 442. TYPE LOCALITY: South Africa (Northern Cape) [1S in NMSA\*; 13S in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Eastern Cape, Northern Cape, Northern Province), Zimbabwe.

**fusciventris**

*Systoechus fusciventris* Hesse, 1938: 426. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical:** South Africa (Eastern Cape).

*glabellula*

*Systoechus glabellula* Strobl in Hull, 1973: 84. *Nomen nudum*.

**goliath**

*Systoechus goliath* Bezzi, 1922a: 73. TYPE LOCALITY: South Africa (Eastern Cape) [1S in MSNM; 8S in BMNH\*].

DISTRIBUTION: **Afrotropical:** South Africa (Eastern Cape).

**gomezmenori**

*Systoechus gomezmenori* Andréu Rubio, 1959: 12 (as “gomez-menori”). TYPE LOCALITY: Morocco [S in MNMS].

DISTRIBUTION: **Palearctic:** Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Egypt, France, Germany, Gruzia, Italy, Kyrgyz Republic, Morocco, Portugal, Romania, Slovenia, Spain, Tajikistan, Turkmenistan, Uzbekistan.

**gradatus**

*Bombylius gradatus* Wiedemann in Meigen, 1820: 207. TYPE LOCALITY: Portugal [H in ZMHB\*].

*Bombylius leucophaeus* Wiedemann in Meigen, 1820: 215. TYPE LOCALITY: Portugal [H in ZMHB\*].

*Bombylius lucidus* Loew, 1855: 38. TYPE LOCALITY: France (Corsica) [9S in ZMHB\*].

*Systoechus leucophaeus* var. *gallicus* Villeneuve, 1904: 72. TYPE LOCALITY: France [9S in KBIN\*].

*Systoechus tesquorum* Becker, 1916: 64. TYPE LOCALITY: Russia (SET) & Spain & Tunisia [3S in ZMHB\*].

*Systoechus gradatus* var. *validus* Bezzi, 1925: 166. TYPE LOCALITY: Egypt [S (destroyed) in ESEC (see Note 4)].

*quadratus*, error for *gradatus*.

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, China (Xinjiang), Croatia, Egypt, Finland, France (incl. Corsica), Germany, Greece (incl. Corfu), Gruzia, Hungary, Iran, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Macedonia, Moldova, Morocco, Poland, Portugal, Romania, Russia (SET), Slovenia, Spain, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**grandis**

*Systoechus grandis* Paramonov, 1940c: 250, 392. TYPE LOCALITY: Algeria [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Algeria.

**heteropogon**

*Systoechus heteropogon* Bowden, 1959b: 301. TYPE LOCALITY: Uganda [H in JB].

DISTRIBUTION: **Afrotropical**: Uganda.

**horridus**

*Systoechus horridus* Greathead, 1980b: 307. TYPE LOCALITY: Oman [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Oman, Saudi Arabia, United Arab Emirates.

**inordinatus**

*Systoechus inordinatus* Hesse, 1938: 431. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Mozambique, South Africa (Eastern Cape, Gauteng, KwaZulu-Natal, Mpumalanga, Northern Province), Zimbabwe.

**kalaharicus**

*Systoechus kalaharicus* Hesse, 1936: 165. TYPE LOCALITY: Botswana [2S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Zambia, Zimbabwe.

**lacus**

*Systoechus lacus* Bowden, 1964a: 29. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**laevifrons**

*Bombylius laevifrons* Loew, 1855: 39. TYPE LOCALITY: “Sibirien” [= Russia (ES or WS)] [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Mongolia, Russia (ES, FE, WS).

**leoninus**

*Bombylius ferrugineus* Macquart, 1834: 382. TYPE LOCALITY: “Sénégal” [T in UNKN (originally in Mahieu Collection)]. [Preoccupied by Fabricius, 1805.]

*Systoechus leoninus* Bowden, 1964a: 26. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Chad, Ghana, Mali, Nigeria, Senegal.

**leucostictus**

*Systoechus leucostictus* Hesse, 1938: 416. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**lightfooti**

*Systoechus lightfooti* Hesse, 1938: 430. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**litoralis**

*Systoechus litoralis* Bowden, 1964a: 30. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Benin, Ghana, Niger, Nigeria, Senegal.

**longirostris**

*Systoechus longirostris* Becker, 1916: 63. TYPE LOCALITY: Greece & Russia (SET) [S (destroyed) in ESEC (see Note 4); 2S in ZMHB\*].

*Systoechus unicolor* Becker, 1916: 65. TYPE LOCALITY: "Dalmatia" [= Croatia] [H in ZMHB\*].

DISTRIBUTION: **Palearctic**: Armenia, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, France, Germany, Greece, Gruzia, Iran, Italy, Kazakhstan, Macedonia, Moldova, Portugal, Russia (SET), Slovenia, Spain, Turkey, Ukraine, Yugoslavia.

**marshalli**

*Systoechus marshalli* Paramonov, 1931a: 238(238). TYPE LOCALITY: South Africa (Gauteng) [4S in BMNH\*; 2S in SIZK].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng)].

**melampogon**

*Systoechus melampogon* Bezzi, 1912: 609. TYPE LOCALITY: Nigeria [6S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ghana, Ivory Coast, Mali, Nigeria.

**mentiens**

*Systoechus mentiens* Bezzi, 1924a: 68. TYPE LOCALITY: South Africa (KwaZulu-Natal) [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**microcephalus**

*Bombylius microcephalus* Loew, 1855: 38. TYPE LOCALITY: Italy (Sicily) [3S in ZMHB\*].

DISTRIBUTION: **Palearctic**: Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, Greece, Gruzia, Hungary, Italy (incl. Sicily), Macedonia, Moldova, Romania, Russia (SET), Slovenia, Ukraine, Yugoslavia.

**mixtus**

*Bombylius mixtus* Wiedemann, 1821b: 165. TYPE LOCALITY: "Prom. bon. sp." [= South Africa (Western Cape)] [2S in ZMUC; 2S in ZMHB\*].

DISTRIBUTION: **Afrotropical**: ?Mozambique, South Africa (Eastern Cape, Western Cape).

**montanus**

*Systoechus montanus* Hesse, 1938: 438. TYPE LOCALITY: South Africa (Western Cape) [4S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**monticolanus**

*Systoechus monticolanus* Hesse, 1938: 411. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**montuosus**

*Systoechus montuosus* Greathead, 1967: 221. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia.

**namaquensis**

*Systoechus namaquensis* Hesse, 1938: 394. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**neglectus**

*Systoechus neglectus* Hesse, 1938: 404. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Gauteng, KwaZulu-Natal, Northern Province), Zimbabwe.

**nigribarbus**

*Bombylius nigribarbus* Loew, 1852: 659 [in Peters, 1862: 13]. TYPE LOCALITY: Mozambique [H in ZMHB\*].

*Systoechus nigribarbus* var. *falsus* Hesse, 1938: 485. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique, Namibia, South Africa (Northern Cape, North-West Province).

**nigripes**

*Systoechus nigripes* Loew, 1863a: 13. TYPE LOCALITY: South Africa (Free State) [H in UNKN (sold at auction)].

*Systoechus nigripes* var. *plebeius* Hesse, 1938: 421. TYPE LOCALITY: South Africa (Northern Cape) [2S in BMNH\*; S in SAMC; 10S in NMSA\*].

*Systoechus nigripes* var. *nomteleensis* Hesse, 1938: 424. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Free State, Northern Cape).

**nivalis**

*Systoechus nivalis* Brunetti, 1912: 472. TYPE LOCALITY: India (Uttar Pradesh) [H in NZSI].

DISTRIBUTION: **Oriental**: India (Uttar Pradesh).

**niveicomatus**

*Systoechus niveicomatus* Bowden, 1959b: 298. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania.

**oreas**

*Systoechus oreas* Osten Sacken, 1877: 254. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1981: 147) in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta, British Columbia), USA (Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming).

**pallidipilosus**

*Systoechus pallidipilosus* Austen, 1937: 38. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel.

**pallidulus**

*Bombylius pallidulus* Walker, 1849: 285. TYPE LOCALITY: “Sierra Leone” [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Mali, Niger, Senegal, Sierra Leone. **Palaeartic**: ?Egypt.

**phaeopterus**

*Systoechus phaeopterus* Bezzi, 1924a: 66. TYPE LOCALITY: “N.-W. Rhodesia” [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zambia.

**polioleucus**

*Systoechus polioleucus* Hesse, 1938: 401. TYPE LOCALITY: South Africa (Eastern Cape) [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**poweri**

*Systoechus poweri* Hesse, 1938: 440. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Free State, Northern Cape, Western Cape).

**pumilio**

*Systoechus pumilio* Becker, 1915a: 327. TYPE LOCALITY: Tunisia [3S (destroyed) in HNHM (see Note 9); 1S in ZMHB\*].

DISTRIBUTION: **Palearctic**: Italy, Spain, Tunisia.

**quasiminimus**

*Bombylius minimus* Fabricius, 1787: 366. TYPE LOCALITY: “Germania” [3S in ZMUC]. [Preoccupied by Scopoli, 1771.]

*Systoechus quasiminimus* Evenhuis & Greathead, 1999: 182 (new replacement name for *Bombylius minimus* Fabricius, 1787).

DISTRIBUTION: **Palearctic**: Germany.

**rhodesianus**

*Systoechus rhodesianus* Hesse, 1938: 414. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: ?Kenya, Zimbabwe.

**robustus**

*Systoechus robustus* Bezzi, 1912: 608. TYPE LOCALITY: “North Nyasa” [= Malawi] & “W. Nyasa” [= Malawi] [3S in BMNH\*].

*Systoechus bechuanus* Hesse, 1936: 163. TYPE LOCALITY: Botswana [2S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Malawi, Namibia, Zambia.

**rudebecki**

*Systoechus rudebecki* Hesse, 1955: 384. TYPE LOCALITY: “South West Africa” [= Namibia] [H in MZLU].

DISTRIBUTION: **Afrotropical**: Namibia.

**salticola**

*Systoechus salticolus* Hesse, 1938: 460. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**scabrirostris**

*Systoechus scabrirostris* Bezzi, 1921a: 37. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).



**scutellaris**

*Bombylius scutellaris* Wiedemann, 1828: 343. TYPE LOCALITY: “Vaterland?” [= South Africa] [T in UNKN].

DISTRIBUTION: **Afrotropical**: South Africa.

**scutellatus**

*Bombylius scutellatus* Macquart, 1840: 94 [1841: 372]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**segetus**

*Systoechus segetus* Bowden, 1964a: 29. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: ?Benin, Ghana.

**silvaticus**

*Systoechus silvaticus* Hesse, 1938: 497. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in DMSA].

*Systoechus silvaticus* var. *turneri* Hesse, 1938: 500. TYPE LOCALITY: South Africa (Eastern Cape) [12S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Free State, Gauteng, KwaZulu-Natal, Mpumalanga, Northern Province), Mozambique, Swaziland.

**simplex**

*Systoechus simplex* Loew, 1860a: 84 [1860b: 262; 1860c: 190]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**sinaiticus**

*Systoechus sinaiticus* Efllatoun, 1945: 274. TYPE LOCALITY: Egypt [1S in ECF].

DISTRIBUTION: **Palearctic**: Egypt.

**socius**

*Bombylius socius* Walker, 1852: 201. TYPE LOCALITY: “East Indies” [= India] [H in BMNH\*].

*Systoechus eupogonatus* Bigot, 1892: 365. TYPE LOCALITY: “Indoustan” [= India] [6S in BMNH\*].

DISTRIBUTION: **Oriental**: India (Andhra Pradesh, Bihar, Himachal Pradesh, Karnataka, Kashmir, Sikkim, Tamil Nadu, Uttar Pradesh, West Bengal), Nepal, Pakistan, Sri Lanka.

**solitus**

*Bombylius solitus* Walker, 1849: 288. TYPE LOCALITY: USA (Florida) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: USA (Alabama, Florida, Georgia, Louisiana, Mississippi, New Jersey, South Carolina).

**somali**

*Systoechus somali* Oldroyd, 1947: 105. TYPE LOCALITY: Somalia & Kenya [24S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Ethiopia, Somalia, Yemen (Socotra).

**spinithorax**

*Systoechus spinithorax* Bezzi, 1921a: 44. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**srilankae**

*Systoechus srilankae* Zaitzev, 1988b: 861 [1990: 105]. TYPE LOCALITY: Sri Lanka [H in ZIS].

DISTRIBUTION: **Oriental**: Sri Lanka.

**stevensoni**

*Systoechus stevensoni* Hesse, 1938: 425. TYPE LOCALITY: "S. Rhodesia" [= Zimbabwe] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**subcontiguus**

*Systoechus subcontiguus* Hesse, 1938: 455. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**submicans**

*Systoechus submicans* Greathead, 1980b: 308. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].

DISTRIBUTION: **Palaearctic**: Saudi Arabia.

**subulinus**

*Systoechus subulinus* Bowden, 1964a: 31. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**titan**

*Systoechus titan* Greathead, 1996b: 210. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**transvaalensis**

*Systoechus transvaalensis* Hesse, 1938: 417. TYPE LOCALITY: South Africa (Northern Province) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique, South Africa (Eastern Cape, Free State, Gauteng, Northern Province), Swaziland.

**tumidifrons**

*Systoechus tumidifrons* Bezzi, 1921a: 41. TYPE LOCALITY: South Africa (Mpumalanga) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Mpumalanga).

**ventricosus**

*Systoechus ventricosus* Bezzi, 1921a: 40. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**vulgaris**

*Systoechus vulgaris* Loew, 1863d: 302 [1864: 186]. TYPE LOCALITY: USA (Nebraska) [L designated by Hall & Evenhuis (1981: 151) in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta, Manitoba, Saskatchewan), USA (Alabama, Arizona, Arkansas, California, Colorado, District of Columbia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Massachusetts, Michigan, Minnesota, Mississippi, Montana, Nebraska, New Jersey, New Mexico, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Tennessee, Texas, Utah, Wisconsin, Wyoming).

**vulpinus**

*Systoechus vulpinus* Becker, 1910a: 135. TYPE LOCALITY: Yemen [2S in MNHN].  
DISTRIBUTION: **Afrotropical**: Yemen. **Palaeartic**: Saudi Arabia.

**waltoni**

*Systoechus waltoni* Hesse, 1938: 493. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape).

**xanthoplocamus**

*Systoechus xanthoplocamus* François, 1964c: 926. TYPE LOCALITY: Senegal [H in MNHN\*].  
DISTRIBUTION: **Afrotropical**: Niger, Senegal.

**xerophilus**

*Systoechus xerophilus* Hesse, 1938: 467. TYPE LOCALITY: South Africa (Western Cape) [3S in NMSA\*; 43S in SAMC].  
DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

Genus **TOVLINIUS** Zaitzev

**TOVLINIUS** Zaitzev, 1979: 116. Type species: *Bombylius albissimus* Zaitzev, 1964, by original designation.

**albissimus**

*Bombylius albissimus* Zaitzev, 1964: 283. TYPE LOCALITY: Kazakhstan [H in ZIS].  
DISTRIBUTION: **Palaeartic**: Kazakhstan.

**pyramidatus**

*Tovlinius pyramidatus* Yao, Yang & Evenhuis, 2011: 76. TYPE LOCALITY: China (Sichuan) [H in NKU].  
DISTRIBUTION: **Palaeartic**: China (Sichuan).

**turriformis**

*Tovlinius turriformis* Yao, Yang & Evenhuis, 2011: 78. TYPE LOCALITY: China (Sichuan) [H in SEMCAS].  
DISTRIBUTION: **Palaeartic**: China (Sichuan).

Genus **TRIPLASIUS** Loew

**TRIPLASIUS** Loew, 1855: 7 (as subgenus of *Bombylius* Linnaeus). Type species: *Bombylius bivittatus* Loew, 1855, by monotypy.

**bivittatus**

*Bombylius bivittatus* Loew, 1855: 7. TYPE LOCALITY: “Vorgebirge von der Guten Hoffnung” [= South Africa (Western Cape)] [L designated by Evenhuis & Greathead (1999: 658) in ZMHB\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**boghariensis**

*Bombylius boghariensis* Lucas, 1852: 16. TYPE LOCALITY: Algeria [L designated by Evenhuis & Greathead (1999: 658) in MNHN\*].  
*Bombylius alveolus* Becker, 1906b: 99. TYPE LOCALITY: Algeria [1S (destroyed) in HNHM (see Note 9); 3S in ZMHB\*; 2S in MNHN].

DISTRIBUTION: **Palaeartic:** Algeria, Egypt, Libya, Morocco, Tunisia.

### **callopterus**

*Bombylius callopterus* Loew, 1855: 11. TYPE LOCALITY: "Sibirien" [= Russia (ES or WS)] [T in UNKN].

*Bombylius callopterus* var. *umbripennis* Paramonov, 1926e: 108(34). TYPE LOCALITY: Tajikistan [H in ZIS; L designated by Zaitzev & Kandybina (1983: 39) invalid].

DISTRIBUTION: **Palaeartic:** China (Nei Monggol), ?Iran, Kyrgyz Republic, Mongolia, Russia (WS), Spain, Tajikistan, Turkmenistan, Uzbekistan.

### **lateralis**

*Bombylius lateralis* Fabricius, 1805: 129. TYPE LOCALITY: "Cap. bon. spei" [= South Africa (Western Cape)] [2S in ZMUC].

DISTRIBUTION: **Afrotropical:** South Africa (Northern Cape, Western Cape).

### **maculipennis**

*Bombylius maculipennis* Macquart, 1846: 351(223), pl. 10, fig. 4 [*in* Lucas, 1849: 447]. TYPE LOCALITY: Not given [= Algeria (see Macquart *in* Lucas, 1849: 447)] [4S in MNHN\*].

*Bombylius maculipennis* var. *melanopus* Timon-David, 1952: 144. TYPE LOCALITY: Morocco [H in MNHN]. [Preoccupied by Bezzi, 1924.]

*Bombylius maculipennis* ssp. *timondavidi* Evenhuis, 1978b: 101 (new replacement name for *Bombylius maculipennis melanopus* Timon-David, 1952).

DISTRIBUTION: **Palaeartic:** Algeria, Egypt, Morocco, Tunisia.

### **namaquensis**

*Bombylius namaquensis* Hesse, 1938: 114. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical:** South Africa (Northern Cape).

### **obscuripennis**

*Bombylius mobilis* ssp. *obscuripennis* Paramonov, 1929b: 189(191). TYPE LOCALITY: Uzbekistan [2S in SIZK].

DISTRIBUTION: **Palaeartic:** Kyrgyz Republic, Uzbekistan.

### **pictus**

*Bombylivs tertivs* Schaeffer, 1768: pl. 79, fig. 5. [Unavailable; name proposed in a non-binominal work.]

*Bombylius pictus* Panzer, 1794: 24. TYPE LOCALITY: Germany [2S in MNHN\*].

*Bombylius planicornis* Weber, 1795: 169. *Nomen nudum*.

*Bombylius planicornis* Fabricius, 1798: 569. TYPE LOCALITY: "Germania" [1S in ZMUC].

*Bombylius variegatus* Pallas *in* Wiedemann, 1818a: 20. *Nomen nudum*.

DISTRIBUTION: **Palaeartic:** Armenia, Austria, Azerbaijan, Czech Republic, Egypt, France, Germany, Greece, Gruzia, Hungary, Italy (incl. Sicily), Moldova, Poland, Portugal, Romania, Russia (CET, SET), Slovakia, Spain, Switzerland, Turkey, Ukraine.

### **polius**

*Bombylius polius* Zaitzev, 2004: 745. TYPE LOCALITY: Spain [H in MNHN].

DISTRIBUTION: **Palaeartic:** Spain.

**tinctus**

*Bombylius tinctus* Walker, 1849: 277. TYPE LOCALITY: Not given [= ?South Africa] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: ?South Africa.

Genus **TRIPLOECHUS** Edwards

**TRIPLOECHUS** Edwards, 1937: 31. Type species: *Bombylius heteronevrus* Macquart, 1850, by original designation.

**angustipennis**

*Triploechus angustipennis* Edwards, 1937: 34. TYPE LOCALITY: Argentina [6S in BMNH\*].

DISTRIBUTION: **Neotropical**: Argentina.

**bellus**

*Bombylius bellus* Philippi, 1865: 649. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

*Triploechus minor* Edwards, 1937: 33. TYPE LOCALITY: Chile [8S in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**heteronevrus**

*Bombylius heteronevrus* Macquart, 1850: 424(120). TYPE LOCALITY: Chile [3S in MNHN\*].

*Triplasius ornatus* Rondani, 1863: 69 [1864: 69]. TYPE LOCALITY: Chile [H in MZUN].

*heteronevrus*, error for *heteronevrus*.

DISTRIBUTION: **Neotropical**: Chile.

**luridus**

*Triploechus luridus* Hall, 1975a: 52. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**novus**

*Triplasius novus* Williston, 1893b: 254. TYPE LOCALITY: USA (California) [1S in SEMC].

*Triploechus vierecki* Cresson, 1919: 186. TYPE LOCALITY: USA (New Mexico) [H in ANSP].

*Bombylius recurvus* Coquillett, 1902a: 100. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Coahuila, Durango, San Luis Potosí, Sonora), USA (Arizona, California, Nevada, New Mexico, Texas).

**pallipes**

*Triploechus pallipes* Edwards, 1937: 34. TYPE LOCALITY: Chile [3S in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**sackeni**

*Bombylius laticeps* Bigot, 1892: 363. TYPE LOCALITY: USA (California) [L designated by Painter & Painter (1962: 20) in BMNH\*]. [Preoccupied by Loew, 1852.]

*Comastes sackeni* Williston, 1893b: 255. TYPE LOCALITY: USA (California) [H in SEMC].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada).

**stagei**

*Triploechus stagei* Hall, 1975a: 55. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte).

Genus **XERACHISTUS** Greathead

**XERACHISTUS** Greathead, 1995: 60. Type species: *Bombylius acutus* Bezzi, 1924, by original designation.

**acutus**

*Bombylius acutus* Bezzi, 1924a: 47. TYPE LOCALITY: Yemen [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Chad Eritrea, Ethiopia, Kenya, Mali, Somalia, Yemen. **Palaeartic**: Oman, Saudi Arabia.

**atronotatus**

*Bombylius atronotatus* Hesse, 1938: 171. TYPE LOCALITY: “South West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**mundus**

*Bombylius mundus* Loew, 1863a: 13. TYPE LOCALITY: South Africa (Free State) [H in UNKN (sold at auction)].

*Bombylius picticornis* Bigot in Bezzi, 1921a: 18. [Unavailable; name proposed in synonymy with *Bombylius mundus* Loew and not made available before 1961.]

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**rhomboidalis**

*Bombylius rhomboidalis* Hesse, 1938: 164. TYPE LOCALITY: “South West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**sessilis**

*Bombylius sessilis* Bezzi, 1921a: 19. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

Genus **ZINNOMYIA** Hesse

**ZINNOMYIA** Hesse, 1955: 387. Type species: *Zinnomyia karoensis* Hesse, 1955 [= *Bombylius bifidus* Bezzi, 1924], by original designation.

**bifida**

*Bombylius bifidus* Bezzi, 1924a: 61. TYPE LOCALITY: South Africa (“S.E-Africa”) [H in BMNH\*].

*Zinnomyia karoensis* Hesse, 1955: 390. TYPE LOCALITY: South Africa (Western Cape) [L designated by Evenhuis & Greathead (1999: 672) in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (“S.E-Africa”, Western Cape).

**brincki**

*Zinnomyia brincki* Hesse, 1955: 393. TYPE LOCALITY: “South West Africa” [= Namibia] [H in MZLU].

DISTRIBUTION: **Afrotropical**: ?Kenya, Namibia.

**mira**

*Zinnomyia mira* Greathead, 1970: 92. TYPE LOCALITY: Mali [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Mali, Niger.

TRIBE **CONOPHORINI** BECKERGenus **ALDRICHIA** Coquillett

**ALDRICHIA** Coquillett, 1894a: 93. Type species: *Aldrichia ehrmanni* Coquillett, 1894, by monotypy.

**auripuncta**

*Aldrichia auripuncta* Painter, 1940: 294. TYPE LOCALITY: USA (Ohio) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia).

**ehrmanni**

*Aldrichia ehrmanni* Coquillett, 1894a: 94. TYPE LOCALITY: USA (Pennsylvania) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Illinois, Kansas, Michigan, Missouri, New Jersey, New York, Ohio, Pennsylvania).

Genus **CONOPHORUS** Meigen

**CONOPHORUS** Meigen, 1803: 268. Type species: *Bombylius maurus* Mikan, 1796 [preoccupied, = *Bombylius virescens* Fabricius, 1787], by monotypy.

*PLOAS* Latreille, 1804: 190. Type species: *Ploas hirticornis* Latreille, 1805 [= *Bombylius virescens* Fabricius, 1787], by subsequent monotypy (Latreille, 1805: 300).

*TORNOTES* Gistel, 1848: x (unjustified new replacement name for *Ploas* Latreille, 1804). Type species: *Ploas hirticornis* Latreille, 1805 [= *Bombylius virescens* Fabricius, 1787], automatic.

*CODIONUS* Rondani, 1873: 299. Type species: *Codionus chlorizans* Rondani, 1873 [= *Bombylius nobilis* Loew, 1873], by monotypy.

*CALOPELTA* Greene, 1921: 23. Type species: *Calopelta fallax* Greene, 1921, by original designation.

*CODONIUS*, error for *Codionus*.

**aduncus**

*Ploas adunca* Loew, 1871: 212 [1872b: 57]. TYPE LOCALITY: Tajikistan [4S in ZMHB\*].

DISTRIBUTION: **Palaearctic**: Tajikistan, Uzbekistan.

**egyptiacus**

*Conophorus egyptiacus* Bezzi, 1925: 172. TYPE LOCALITY: Egypt [14S in ECF; 2S in MSNM].

DISTRIBUTION: **Palaearctic**: Egypt, Libya.

**aktashi**

*Conophorus aktashi* Hasbenli, Koç & Zaitzev, 1998: 509 [1999: 481]. TYPE LOCALITY: Turkey [H in ZMGU].

DISTRIBUTION: **Palaearctic**: Turkey.

**albellus**

*Conophorus albellus* Begimbetova, 1972: 1085. TYPE LOCALITY: Kazakhstan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan.

**alpicola**

*Ploas alpicola* Villeneuve, 1904: 72. TYPE LOCALITY: France [2S in KBIN\*].

DISTRIBUTION: **Palaeartic**: France, Italy.

**anatolicus**

*Conophorus anatolicus* Zaitzev, 1981a: 77. TYPE LOCALITY: Turkey [H in ZIS].

DISTRIBUTION: **Palaeartic**: Turkey.

**antennatus**

*Conophorus antennatus* Paramonov, 1940c: 21, 332. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kyrgyz Republic, Tajikistan.

**asiaticus**

*Conophorus asiaticus* Paramonov, 1929a: 163(101). TYPE LOCALITY: "Taur. Cilic., Asia minor" [= Turkey] [H in DEI\*].

DISTRIBUTION: **Palaeartic**: Iran, Turkey.

**atratalus**

*Ploas atratala* Loew, 1872a: 79 [1872c: 255]. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (California, Idaho, Oregon, Utah, Washington).

**auratus**

*Conophorus auratus* Priddy, 1954: 55. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Oregon).

**bellus**

*Ploas bella* Becker, 1906b: 112. TYPE LOCALITY: Tunisia [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt, Libya, Tunisia.

**bivittatus**

*Ploas bivittata* Loew, 1862a: 77. TYPE LOCALITY: "Smyrna" [= Turkey] & "Parnassus" [= Greece] [4S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Greece, Italy, Turkey.

**bombyliformis**

*Ploas bombyliformis* Loew, 1873: 184. TYPE LOCALITY: "Turkestan" [4S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkey, Turkmenistan, Uzbekistan.

**brunneus**

*Conophorus brunneus* Zaitzev, 1969: 664. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kazakhstan.

**caucasicus**

*Conophorus caucasicus* Zaitzev, 1960: 722. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia.



**chinensis**

*Conophorus chinensis* Paramonov, 1929a: 168(103). TYPE LOCALITY: “Tiensien” [= China (Xinjiang)] [H in DEI\*].

DISTRIBUTION: **Palaeartic**: China (Beijing, Xinjiang).

**chinooki**

*Conophorus chinooki* Priddy, 1954: 53. TYPE LOCALITY: USA (Washington) [H in CMNH].

DISTRIBUTION: **Nearctic**: USA (Idaho, Nevada, Oregon, Washington).

**collini**

*Conophorus collini* Priddy, 1958: 31. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California).

**columbiensis**

*Conophorus columbiensis* Priddy, 1954: 54. TYPE LOCALITY: Canada (British Columbia) [H in CNC\*].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (Idaho, Montana, Washington, Wyoming).

**cristatus**

*Conophorus cristatus* Painter, 1940: 294. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**decipiens**

*Ploas decipiens* Loew, 1873: 183. TYPE LOCALITY: Tajikistan [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**engeli**

*Conophorus engeli* Paramonov, 1940c: 43. TYPE LOCALITY: Turkmenistan [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Turkmenistan.

**fallax**

*Calopelta fallax* Greene, 1921: 3. TYPE LOCALITY: USA (Colorado) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta, British Columbia, Saskatchewan), USA (Arizona, California, Colorado, Idaho, New Mexico, Oregon, Utah, Washington).

**fenestratus**

*Ploas fenestrata* Osten Sacken, 1877: 260. TYPE LOCALITY: USA (California) [L designated by Evenhuis (1982b: 9) in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur), USA (Arizona, California, Idaho, Nevada, Oregon, Utah, Washington).

**flavescens**

*Ploas flavescens* Meigen, 1820: 233. TYPE LOCALITY: France [3S in MNHN\*].

DISTRIBUTION: **Palaeartic**: France, Spain, Tunisia.

**fuliginosus**

*Ploas fuliginosa* Wiedemann in Meigen, 1820: 233. TYPE LOCALITY: Portugal [2S in MNHN\*; 2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, France, Greece, Italy, Morocco, Portugal, Spain, Tunisia.

**fuminervis**

*Ploas fuminervis* Dufour, 1852: 8. TYPE LOCALITY: Spain [H in MNHN\*].

DISTRIBUTION: **Palaeartic:** France, Italy, Spain.

**fuscipennis**

*Ploas fuscipennis* Macquart, 1840: 107 [1841: 385]. TYPE LOCALITY: “Du nord de l’Afrique” & France [1S in MNHN\*].

*fumipennis*, error for *fuscipennis*.

DISTRIBUTION: **Palaeartic:** Albania, Algeria, France, Greece, Italy, Macedonia, Portugal, Romania, Spain, Yugoslavia.

**glaucescens**

*Ploas glaucescens* Loew, 1863b: 34. TYPE LOCALITY: “Sliwno” [= Croatia] & “Parnassus” [= Greece] [1S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Albania, Armenia, Azerbaijan, Bulgaria, Croatia, Greece, Gruzia, Israel, Italy, Moldova, Russia (SET), Turkey, Ukraine, Yugoslavia.

**gorodkovi**

*Conophorus gorodkovi* Zaitzev, 1969: 664. TYPE LOCALITY: Uzbekistan [H in ZIS].

DISTRIBUTION: **Palaeartic:** Kyrgyz Republic, Uzbekistan.

**gracilis**

*Conophorus gracilis* Dils & Özbek, 2006b: 157. TYPE LOCALITY: Turkey [H in ZMAN].

DISTRIBUTION: **Palaeartic:** Turkey.

**greeni**

*Conophorus greeni* Austen, 1936: 181. TYPE LOCALITY: Cyprus [10S in BMNH\*; 6S in OUMNH\*].

DISTRIBUTION: **Palaeartic:** Cyprus.

**griseus**

*Bombylius griseus* Fabricius, 1787: 366. TYPE LOCALITY: “Hispaniae” [1S in ZMUC].

*Ploas ater* Lamarck, 1816: 408. TYPE LOCALITY: France [T in UNKN].

*Conophorus hannibal* Paramonov, 1929a: 215(151). TYPE LOCALITY: Tunisia [3S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** France, Italy, Morocco, Spain, Tunisia.

**hamilkar**

*Conophorus hamilkar* Paramonov, 1929a: 173, 215(111, 151). TYPE LOCALITY: Tunisia [1S (destroyed) in ZMUH (see Note 6); 2S in SIZK].

DISTRIBUTION: **Palaeartic:** Morocco, Tunisia.

**heteropilosus**

*Conophorus heteropilosus* Timon-David, 1952: 141. TYPE LOCALITY: Morocco [H in TDPC].

DISTRIBUTION: **Palaeartic:** Morocco.

**hiltoni**

*Conophorus hiltoni* Priddy, 1958: 24. TYPE LOCALITY: USA (California) [H in BYU].

DISTRIBUTION: **Nearctic:** USA (California).

**hindlei**

*Conophorus hindlei* Paramonov, 1931b: 213(213). TYPE LOCALITY: China [3S in BMNH\*; 1S in ZMHB\*].

*nindlei*, incorrect original spelling of *hindlei* [Paramonov, 1931b: 122(122)].

DISTRIBUTION: **Palaeartic:** China.

**kozlovi**

*Conophorus kozlovi* Paramonov, 1940c: 28, 334. TYPE LOCALITY: China (Nei Mongol) [L designated by Zaitzev & Kandybina (1983: 25) in ZIS].

DISTRIBUTION: **Palaeartic**: China (Nei Mongol).

**loewi**

*Conophorus loewi* Paramonov, 1929a: 216(152). TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Tajikistan, Uzbekistan.

**limbatus**

*Ploas limbata* Loew, 1869c: 51 [1872c: 145]. TYPE LOCALITY: USA (New Mexico) [L designated by Evenhuis (1982b: 11) in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (New Mexico, Texas).

**luctuosus**

*Ploas luctuosa* Loew, 1871: 214 [1872b: 57]. TYPE LOCALITY: Tajikistan [5S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**lusitanicus**

*Ploas lusitanica* Guérin-Méneville, 1835: pl. 95, fig 5 [1844: 538]. TYPE LOCALITY: Not given [= Portugal (see Guérin-Méneville, 1844: 539)] [T (lost) in MNHN].

DISTRIBUTION: **Palaeartic**: Portugal, Spain.

**macroglossus**

*Ploas macroglossa* Dufour, 1852: 8. TYPE LOCALITY: Spain [T (lost) in MNHN].

DISTRIBUTION: **Palaeartic**: Morocco, Spain.

**mauritanicus**

*Conophorus mauritanicus* Bigot, 1892: 360. TYPE LOCALITY: “Algérie” [= Mauritania] [H in OUMNH\*].

DISTRIBUTION: **Palaeartic**: Algeria, France, Italy, Morocco, Spain, Tunisia.

**melanoceratus**

*Conophorus melanoceratus* Bigot, 1892: 361. TYPE LOCALITY: USA (California) [L designated by Painter & Painter (1962: 25) in BMNH\*].

*Ploas serrata* Coquillett, 1894a: 102. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 670) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Oregon, Utah).

**mongolicus**

*Conophorus mongolicus* Zaitzev, 1969: 663. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**monticola**

*Conophorus monticola* Paramonov, 1929a: 177(115). TYPE LOCALITY: Turkmenistan [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Afghanistan, Iran, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**nigripennis**

*Conophorus nigripennis* Loew, 1872a: 80 [1872c: 256]. TYPE LOCALITY: USA (California) [L designated by Evenhuis (1982b: 13) in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (Arizona, California, Idaho, New Mexico, Oregon, Washington).

**nobilis**

*Ploas nobilis* Loew, 1873 [16 September]: 183. TYPE LOCALITY: “Elbrus” [= Russia (SET)] [H in ZMHB\*].

*Codionus chlorizans* Rondani, 1873 [December]: 299. TYPE LOCALITY: “Caucasus” [probably = Gruzia] [H in MCSN].

*Conophorus nobilis* var. *iranicus* Paramonov, 1940c: 17, 335. TYPE LOCALITY: Iran [L designated by Zaitzev & Kandybina (1983: 24) in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Greece (Lesbos), Gruzia, Iran, Russia (SET), Turkey, Turkmenistan.

**obesulus**

*Ploas obesula* Loew, 1872a: 80 [1872c: 256]. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1982: 280) in MCZ\*].

*Ploas amabilis* Osten Sacken, 1877: 261. TYPE LOCALITY: USA (California) [L designated by Evenhuis (1982b: 3) in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (California, Colorado, Idaho, Nevada, Oregon, Utah, Washington, Wyoming).

**painteri**

*Conophorus painteri* Priddy, 1958: 12. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Colorado, Idaho, New Mexico, Wyoming, Utah).

**pamirorum**

*Conophorus pamirorum* Zaitzev, 1969: 664. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan.

**paraduncus**

*Conophorus paraduncus* Paramonov, 1929a: 217(153). TYPE LOCALITY: “Togus Tjurae, Kogard Tau” [= Tajikistan] [1S in DEI\*; 2S (destroyed) in ZMUH (see Note 6); 1S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Kyrgyz Republic, Tajikistan, Turkmenistan.

**pictipennis**

*Ploas pictipennis* Macquart, 1840: 107 [1841: 385]. TYPE LOCALITY: “De la Caroline” [error, = ?Palaeartic (see Hall & Evenhuis, 1982: 285)] [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Algeria, France, Italy, Morocco, Spain.

**pseudaduncus**

*Conophorus pseudaduncus* Paramonov, 1929a: 218(154). TYPE LOCALITY: Uzbekistan [1S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**pusillus**

*Ploas pusilla* Loew, 1869b: 250. TYPE LOCALITY: “Dalmatien” [= Croatia] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Bosnia-Herzegovina, Croatia, Greece, Italy, Macedonia, Yugoslavia.

**rjabovi**

*Conophorus rjabovi* Paramonov, 1929a: 179(117). TYPE LOCALITY: Russia (SET) [H in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Moldova, Russia (SET), Turkey, Ukraine.

**rossicus**

*Conophorus rossicus* Paramonov, 1929a: 179(117). TYPE LOCALITY: Armenia [22S in ZMHB\*: 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Czech Republic, Gruzia, Hungary, Iran, Italy, Moldova, Poland, Romania, Russia (SET), Slovakia, Turkey, Ukraine.

**rufulus**

*Ploas rufulus* Osten Sacken, 1877: 261. TYPE LOCALITY: USA (California) [L designated by Evenhuis (1982b: 16) in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (California, Oregon, Washington).

**sackenii**

*Conophorus sackenii* Johnson & Maughan, 1953: 22. TYPE LOCALITY: USA (California) [H in BYU].

DISTRIBUTION: **Nearctic**: Canada (Alberta, British Columbia, Saskatchewan), USA (California, Colorado, Idaho, Montana, Utah, Washington).

**simplex**

*Ploas simplex* Loew, 1869b: 248. TYPE LOCALITY: “Smyrna” [= Turkey] [1S in ZMHB\*].

*similis*, error for *simplex*.

DISTRIBUTION: **Palaeartic**: Israel, Turkey.

**storthus**

*Conophorus storthus* Bowden, 1967a: 131. TYPE LOCALITY: Turkey [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Turkey.

**syriacus**

*Conophorus syriacus* Paramonov, 1929a: 219(155). TYPE LOCALITY: “Asia Minor, Taurus Cilic.” [= Syria or Turkey] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Iran, Syria, Turkey.

**talyshensis**

*Conophorus talyshensis* Zaitzev, 1960: 720. TYPE LOCALITY: Azerbaijan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia.

**turkestanicus**

*Conophorus turkestanicus* Paramonov, 1929: 181(119). TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Tajikistan, Uzbekistan.

**ussuriensis**

*Conophorus ussuriensis* Paramonov, 1940c: 26, 333. TYPE LOCALITY: Russia (FE) [L designated by Zaitzev & Kandybina (1983: 40) in ZIS].

DISTRIBUTION: **Palaeartic**: Russia (FE).

**validus**

*Ploas valida* Loew, 1869b: 247. TYPE LOCALITY: Greece [1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Greece, Italy.

**virescens**

*Bombylius virescens* Fabricius, 1787: 366. TYPE LOCALITY: “Hispaniae” [= Spain] [2S in ZMUC].

*Bombylius maurus* Mikan, 1796: 56. TYPE LOCALITY: “Bohemiae” [= Czech Republic] [T in UNKN]. [Preoccupied by Olivier, 1789.]

*Ploas hirticornis* Latreille, 1805: 300. TYPE LOCALITY: France [H in MNHN\*].

*Bombylius semiostris* Pallas in Wiedemann, 1818a: 19. [Unavailable; name proposed in synonymy with *Bombylius virescens* Fabricius and not made available before 1961.]

*Ploas lurida* Wiedemann in Meigen, 1820: 233. TYPE LOCALITY: "Russland" [1S in ZMHB\*].

*Ploas lata* Dufour in Verrall, 1909b: 14. *Nomen nudum*.

DISTRIBUTION: **Palaeartic:** Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, China, Czech Republic, Egypt, Estonia, France, Germany, Greece, Gruzia, Hungary, Iran, Italy, Latvia, Lithuania, Moldova, Poland, Portugal, Russia (CET, SET), Slovakia, Spain, Switzerland, Ukraine.

#### Genus **GEMINARIA** Coquillett

**GEMINARIA** Coquillett, 1894a: 109. Type species: *Lordotus canalis* Coquillett, 1887, by original designation.

##### **canalis**

*Lordotus canalis* Coquillett, 1887b: 115. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Baja California Sur), USA (Arizona, California, Nevada, New Mexico).

##### **pellucida**

*Geminaria pellucida* Coquillett, 1894a: 109. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California, Nevada, New Mexico).

#### Genus **HALLIDIA** Hull

**HALLIDIA** Hull, 1970: 165. Type species: *Hallidia plumipilosa* Hull, 1970, by original designation.

##### **plumipilosa**

*Hallidia plumipilosa* Hull, 1970: 165. TYPE LOCALITY: Chile [H in CAS\*].

*Hallidia irwini* Hall, 1976a: 265, pl. 1, fig. 1. *Nomen nudum*.

DISTRIBUTION: **Neotropical:** Chile.

#### Genus **LEGNOTOMYIA** Bezzi

**LEGNOTUS** Loew, 1855: 6, 41 (as subgenus of *Bombylius* Linnaeus). Type species: *Bombylius trichorhoeus* Loew, 1855, by original designation. [Preoccupied by Schiødte, 1848.]

**LEGNOTOMYIA** Bezzi, 1902: 191 (new replacement name for *Legnotus* Loew, 1855). Type species: *Bombylius trichorhoeus* Loew, 1855, automatic.

**PSIATHOLASIUS** Becker, 1906c: 145. Type species: *Psiatholasius bombylififormis* Becker, 1906 [= *Bombylius singularis* Macquart, 1846], by original designation.

**LEGONOTUS**, error for *Legnotus*.

**cineracea**

*Legnotomyia cineracea* Austen, 1937: 58. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel, Saudi Arabia.

**erivanensis**

*Psiatholasius erivanensis* Paramonov, 1925g: 91. TYPE LOCALITY: Armenia [H in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia.

**fascipennis**

*Legnotomyia fascipennis* Bezzi, 1925: 181. TYPE LOCALITY: Egypt [1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt.

**leyladea**

*Legnotomyia leyladea* Efflatoun, 1945: 237. TYPE LOCALITY: Egypt [14S in ECF].

DISTRIBUTION: **Palaeartic**: Egypt.

**olympiaca**

*Legnotomyia olympiaca* François, 1970b: 190. TYPE LOCALITY: Greece [H in ZSMC].

DISTRIBUTION: **Palaeartic**: Greece, Italy.

**palestinae**

*Legnotomyia palestinae* Paramonov, 1947b: 97. TYPE LOCALITY: Israel [H in BMNH\*].

*palaestinae*, incorrect original spelling of *palestinae* (Paramonov, 1947b: 98, 99, 100).

DISTRIBUTION: **Palaeartic**: Israel.

**persica**

*Legnotomyia persica* Paramonov, 1933d: 50 [1934b: 107]. TYPE LOCALITY: Iran [H in ZIS; L designated by Zaitzev & Kandybina (1983: 32) invalid].

DISTRIBUTION: **Palaeartic**: Iran, Iraq.

**singularis**

*Bombylius singularis* Macquart, 1846: 351(223), pl. 10, fig. 8 [*in* Lucas, 1849: 451].

TYPE LOCALITY: Not given [= Algeria (see Macquart *in* Lucas, 1849: 451)] [S in MNHN].

*Psiatholasius bombylifformis* Becker, 1906c: 145. TYPE LOCALITY: Tunisia [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Iran, Israel, Tunisia, Turkey.

**striata**

*Legonotus striatus* Bischof, 1903: 41. TYPE LOCALITY: “Ost-Afrika” [H in ZSMC].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania.

**trichorhoea**

*Bombylius trichorhoeus* Loew, 1855: 41. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Greece, Iraq, Iran, Israel (incl. West Bank), Italy, Macedonia, Syria, Turkey, Yugoslavia.

Genus **LORDOTUS** Loew

**LORDOTUS** Loew, 1863d: 303 [1864: 187]. Type species: *Lordotus gibbus* Loew, 1863, by monotypy.

**abdominalis**

*Lordotus abdominalis* Johnson & Johnson, 1959a: 10. TYPE LOCALITY: USA (Arizona) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Arizona, Nevada).

**albidus**

*Lordotus albidus* Hall, 1954a: 19. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada).

**apicula**

*Lordotus apicula* Coquillett, 1887b: 116. TYPE LOCALITY: USA (Colorado) [H in USNM\*].

*Lordotus apiculus* Painter & Painter, 1965: 412 (unjustified emendation of *Lordotus apicula* Coquillett, 1887).

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (California, Colorado, Idaho, Nevada, Oregon, Utah).

**arizonensis**

*Lordotus arizonensis* Johnson & Johnson, 1959a: 19. TYPE LOCALITY: USA (Arizona) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Arizona, New Mexico).

**arnaudi**

*Lordotus arnaudi* Johnson & Johnson, 1959a: 13. TYPE LOCALITY: Mexico (Baja California Sur) [H in BYU].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Baja California Sur).

**bipartitus**

*Lordotus bipartitus* Painter, 1940: 284. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico, Oregon, Texas).

**bucerus**

*Lordotus bucerus* Coquillett, 1894a: 110. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1982: 197) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada).

**cingulatus**

*Lordotus cingulatus* Johnson & Johnson, 1959a: 21. TYPE LOCALITY: USA (California) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada).

**diplasmus**

*Lordotus diversus* ssp. *diplasmus* Hall, 1954a: 17. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Coahuila, Zacatecas), USA (Arizona, California, New Mexico).



**diversus**

*Lordotus diversus* Coquillett, 1891b: 198. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1982: 204) in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur), USA (Arizona, California, New Mexico, Oregon, Texas).

**divisus**

*Lordotus divisus* Cresson, 1919: 186. TYPE LOCALITY: USA (New Mexico) [H in ANSP].

*Lordotus niger* Cresson, 1924: 367. TYPE LOCALITY: USA (New Mexico) [H in ANSP; type specimen described twice—the same type specimen as for *Lordotus divisus* (see Roback, 1969: 547–48)].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Coahuila), USA (Arizona, California, Nevada, New Mexico, Texas).

**ermae**

*Lordotus ermae* Hall, 1952: 49. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California).

**gibbus**

*Lordotus gibbus* Loew, 1863d: 303 [1864: 187]. TYPE LOCALITY: Mexico (Tamaulipas) [H in MCZ\*].

*Adelidea flava* Jaenicke, 1867b: 346 [1868: 38]. TYPE LOCALITY: “Mejico” [T (lost) in HLMD].

DISTRIBUTION: **Nearctic:** Canada (Alberta), Mexico (Sonora, Tamaulipas), USA (Arizona, California, Colorado, Idaho, Kansas, Montana, Nevada, New Mexico, Oregon, Texas, Utah, Washington).

**hurdi**

*Lordotus hurdi* Hall, 1957: 145. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic:** USA (California).

**junceus**

*Lordotus junceus* Coquillett, 1891b: 198. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1982: 213) in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Sonora), USA (Arizona, Nevada, New Mexico).

**lineatus**

*Lordotus cingulatus* ssp. *lineatus* Johnson & Johnson, 1959a: 22. TYPE LOCALITY: Mexico (Baja California Norte) [H in BYU].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte).

**luteolus**

*Lordotus luteolus* Hall, 1954a: 26. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Nevada, New Mexico, Texas).

**lutescens**

*Lordotus lutescens* Johnson & Johnson, 1959a: 15. TYPE LOCALITY: USA (New Mexico) [H in CAS].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, New Mexico).

**miscellus**

*Lordotus miscellus* Coquillett, 1887b: 116. TYPE LOCALITY: USA (California) [L designated by Johnson & Johnson (1959a: 24) in USNM\*].

*Lordotus miscellus* ssp. *melanosus* Johnson & Johnson, 1959a: 16. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Colorado, Idaho, Nevada, New Mexico, Utah).

**nevadensis**

*Lordotus nevadensis* Hall & Evenhuis, 1982: 221. TYPE LOCALITY: USA (Nevada) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**perplexus**

*Lordotus perplexus* Johnson & Johnson, 1959a: 16. TYPE LOCALITY: USA (Arizona) [H in BYU].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Coahuila, Sinaloa, Sonora), USA (Arizona, California, Nevada, Texas).

**planus**

*Lordotus planus* Osten Sacken, 1877: 258. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (California).

**puella**

*Lordotus puella* Williston, 1893a: 64. TYPE LOCALITY: USA (California) [T (lost?) in SEMC].

*Lordotus puellus* Painter & Painter, 1965: 412 (unjustified emendation of *Lordotus puella* Williston, 1893).

DISTRIBUTION: **Nearctic**: USA (California).

**pulchrissimus**

*Lordotus pulchrissimus* Williston, 1893a: 64. TYPE LOCALITY: USA (Nevada) [2S in SEMC].

*Lordotus pulcherrimus* Williston, 1894a: [unpaginated errata] (unjustified emendation of *Lordotus pulchrissimus* Williston, 1893).

*Lordotus carus* Cresson, 1924: 26. TYPE LOCALITY: USA (California) [H in ANSP].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Sonora), USA (Arizona, Colorado, Idaho, Kansas, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming).

**rufotibialis**

*Lordotus cingulatus* ssp. *rufotibialis* Johnson & Johnson, 1959a: 23. TYPE LOCALITY: USA (Arizona) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

**schlingeri**

*Lordotus schlingeri* Hall & Evenhuis, 1982: 229. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**sororculus**

*Lordotus sororculus* Williston, 1893b: 255. TYPE LOCALITY: USA (California) [L designated by Hall & Evenhuis (1982: 230) in USNM\*].

*Lordotus sororcula* Kertész, 1909: 108 (unjustified emendation of *Lordotus sororculus* Williston, 1893).

*Lordotus sororculus* ssp. *nigriventris* Johnson & Johnson, 1959a: 17. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (Arizona, California, Nevada, Texas, Utah).

### **striatus**

*Lordotus gibbus* ssp. *striatus* Painter, 1940: 287. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Sonora), USA (Arizona, California, Colorado, Idaho, Nevada, Oregon, Texas, Utah, Washington).

### **zona**

*Lordotus zona* Coquillett, 1887b: 116. TYPE LOCALITY: USA (California) [3S in USNM\*].

*Lordotus zonus* Painter & Painter, 1965: 421 (unjustified emendation of *Lordotus zona* Coquillett, 1887).

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Idaho, Nevada).

## Genus **NOTOLEGNOTUS** Greathead & Evenhuis

**NOTOLEGNOTUS** Greathead & Evenhuis, 2001b: 163. Type species: *Notolegnotus brevis* Greathead & Evenhuis, 2001, by original designation.

### **brevis**

*Notolegnotus brevis* Greathead & Evenhuis, 2001b: 164. TYPE LOCALITY: Namibia [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia.

## Genus **OTHNIOMYIA** Hesse

**OTHNIOMYIA** Hesse, 1938: 707. Type species: *Othniomyia tylopelta* Hesse, 1938, by original designation.

### **tylopelta**

*Othniomyia tylopelta* Hesse, 1938: 710. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

## Genus **PLATAMOMYIA** Brèthes

**PLATAMODES** Loew, 1855: 40 (as subgenus of *Bombylius* Linnaeus). Type species: *Bombylius depressus* Loew, 1855, by monotypy. [Preoccupied by Ménétrés, 1849.]

**PLATAMOMYIA** Brèthes, 1925: 105 (new replacement name for *Platamodes* Loew, 1855). Type species: *Bombylius depressus* Loew, 1855, automatic.

### **depressa**

*Bombylius depressus* Loew, 1855: 40. TYPE LOCALITY: Chile [2S in ZMHB\*].

*Cillenia unicolor* Jaenicke, 1867b: 350 [1868: 42]. TYPE LOCALITY: Chile [2S in SMFD].

DISTRIBUTION: **Neotropical**: Chile.

Genus **PRORACHTHES** Loew

**PRORACHTHES** Loew, 1869a: 381. Type species: *Prorachthes ledereri* Loew, 1868, by monotypy.

*DOUMNHITIELLA* Séguy, 1932: 126. Type species: *Dumontiella vespertilio* Séguy, 1932, by original designation.

*CHEILOHADRUS* Hesse, 1938: 674. Type species: *Cheilohadrus conspersipennis* Hesse, 1938, by original designation.

**beckeri**

*Prorachthes beckeri* Paramonov, 1927b: 77. TYPE LOCALITY: Ukraine [21S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Bulgaria, Gruzia, Hungary, Italy, Moldova, Russia (SET), Turkey, Ukraine.

**conspersipennis**

*Cheilohadrus conspersipennis* Hesse, 1938: 677. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape).

**crassipalpis**

*Prorachthes crassipalpis* Villeneuve, 1930: 100. TYPE LOCALITY: Algeria [H in KBIN\*].

DISTRIBUTION: **Palaeartic**: Algeria, Morocco, Tunisia.

**ledereri**

*Prorachthes ledereri* Loew, 1869a: 382. TYPE LOCALITY: Turkey [1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Greece (Lesbos), Kyrgyz Republic, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

**longirostris**

*Prorachthes longirostris* Bezzi, 1925: 172. TYPE LOCALITY: Egypt [H in ESEC].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt.

**pleskei**

*Prorachthes pleskei* Paramonov, 1927b: 81. TYPE LOCALITY: Iran [L designated by Zaitzev & Kandybina (1983: 33) in ZIS].

DISTRIBUTION: **Oriental**: Pakistan. **Palaeartic**: Armenia, Azerbaijan, Gruzia, Iran, Turkey.

**portschinskyi**

*Prorachthes portschinskyi* Paramonov, 1927b: 83. TYPE LOCALITY: Iran [H in ZIS]. *portshinskyi*, incorrect original spelling of *portschinskyi* (Paramonov, 1927b: 87).

DISTRIBUTION: **Palaeartic**: Iran, Turkmenistan.

**stackelbergi**

*Prorachthes stackelbergi* Paramonov, 1927b: 82. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Kyrgyz Republic, Uzbekistan.

**vespertilio**

*Dumontiella vespertilio* Séguy, 1932: 126. TYPE LOCALITY: Tunisia [S in MNHN\*].

DISTRIBUTION: **Palaeartic**: Greece, Italy, Tunisia.

**xerophilus**

*Cheilohadrus conspersipennis* var. *xerophilus* Hesse, 1938: 679. TYPE LOCALITY: "South West Africa" [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

Genus **SPARNOPOLIUS** Loew

**SPARNOPOLIUS** Loew, 1855: 43 (as subgenus of *Bombylius*). Type species: *Bombylius fulvus* Wiedemann, 1821 [preoccupied, = *Bombylius confusus* Wiedemann, 1824], by subsequent designation (Coquillett, 1910b: 606).

**anomalus**

*Sparnopolius anomala* Painter, 1940: 281. TYPE LOCALITY: USA (Colorado) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Colorado, New Mexico).

**coloradensis**

*Sparnopolius coloradensis* Grote, 1867: 445. TYPE LOCALITY: “Colorado Territory” [= USA (Colorado)] [L designated by Hall & Evenhuis (1982: 247) in ANSP\*].

*Sparnopolius brevicornis* Loew, 1872a: 79 [1872c: 255]. TYPE LOCALITY: USA (Texas) [2S in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, San Luis Potosí, Sonora), USA (Arizona, Colorado, New Mexico, Texas, Utah, Wyoming).

**confusus**

*Bombylius fulvus* Wiedemann, 1821b: 172. TYPE LOCALITY: “America borealis” [L designated by Hall & Evenhuis (1982: 248) in NMW\*]. [Preoccupied by Meigen, 1820.]

*Bombylius confusus* Wiedemann, 1824: 60. TYPE LOCALITY: “Not given [= Mexico] [H in NMW\*].

*Bombylius brevirostris* Macquart, 1840: 103 [1841: 381]. TYPE LOCALITY: USA (“Caroline”) [H in MNHN\*]. [Preoccupied by Olivier, 1789.]

*Bombylius lherminierii* Macquart, 1840: 103 [1841: 381] (as “*l’Herminierii*”). TYPE LOCALITY: USA (“Caroline”) [H in MNHN\*].

*Sparnopolius cumatilis* Grote, 1867: 445. TYPE LOCALITY: “Colorado Territory” [= USA (Colorado)] [5S in ANSP\*].

*Dischistus fuscipes* Bigot, 1892: 369. TYPE LOCALITY: “Amérique du Nord” [H in BMNH\*].

*Dischistus aurifluus* Bezzi, 1924a: 90. TYPE LOCALITY: “Cape of Good Hope” [error, = Nearctic (see Bowden, 1973: 150)] [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), Mexico (Hidalgo, Jalisco, Morelos, Puebla, Sonora), USA (Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Virginia, Wisconsin). **Neotropical**: Mexico (Oaxaca).

**diversus**

*Sparnopolius diversus* Williston, 1901: 287. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guanajuato, Guerrero, Hidalgo, Jalisco, México, Michoacán de Ocampo, Morelos, Nayarit, Nuevo León, Puebla, Querétaro de Arteaga, Tlaxcala). **Neotropical**: Mexico (Oaxaca).

*nigriventris*

*Sparnopolius nigriventris* Philippi in Hull, 1973: 124. *Nomen nudum*.

**ochrobasis**

*Sparnopolius ochrobasis* Hall & Evenhuis, 1982: 252. TYPE LOCALITY: Mexico (Tlaxcala) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Hidalgo, Morelos, Nuevo León, Puebla, Tlaxcala, Veracruz-Llave, Zacatecas), USA (Texas). **Neotropical**: Mexico (Oaxaca).

Unplaced species of **BOMBYLIINAE** Latreille *analis*

*Bombylius analis* Sturm, 1818: 928. *Nomen nudum*. [Preoccupied by Olivier, 1789.]

**chilensis**

*Eurycarenum chilensis* Paramonov, 1934a: 25. TYPE LOCALITY: Chile [H in SIZK; not in ZMUH (destroyed) as stated by Hall (1976a: 46)].

DISTRIBUTION: **Neotropical**: Chile.

**cockerelli**

*Bombylius cockerelli* Hesse, 1938: 149. TYPE LOCALITY: South Africa (Northern Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**distinctus**

*Bombylius distinctus* Walker, 1852: 201. TYPE LOCALITY: Australia (NSW & WA) [1S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, WA).

**heteropterus**

*Bombylius heteropterus* Macquart, 1840: 97 [1841: 375]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN (originally in Serville Collection)].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**hyalinus**

*Bombylius hyalinus* Fabricius, 1805: 134. TYPE LOCALITY: “America meridionali” [1S in ZMUC].

DISTRIBUTION: **Neotropical**: “America meridionali”.

**hyalipennis**

*Bombylius hyalipennis* Macquart, 1846: 245(117). TYPE LOCALITY: “Colombie” [= Colombia, Ecuador, or Venezuela] [T (lost?) in MRSN (originally in Brême Collection)].

DISTRIBUTION: **Neotropical**: Colombia or Ecuador or Venezuela.

**inornatus**

*Bombylius inornatus* Walker, 1849: 278. TYPE LOCALITY: Not given [= unknown] [H in BMNH\*].

DISTRIBUTION: **Patria Ignota**: Unknown.

**karasanus**

*Bombylius karasanus* Hesse, 1938: 151. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**leucopygus**

*Systoechus leucopygus* Wulp, 1885b: 86. TYPE LOCALITY: Australia (SA) [H in RMNH].

DISTRIBUTION: **Australasian/Oceanian**: Australia (SA).

**megacephalus**

*Bombylius megacephalus* Portschinsky, 1887: 182. TYPE LOCALITY: “Persia” [= Iran] [1S in ZIS; 1S in SIZK].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, Gruzia, Iran, Israel, Kuwait, Oman, Saudi Arabia, Turkmenistan, United Arab Emirates.

**nigracinctus**

*Eusurbus nigracinctus* Roberts, 1929: 581. TYPE LOCALITY: Australia (WA) [H in ANIC\*].

*nigrivinctus*, error for *nigracinctus*.

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**permixtus**

*Bombylius permixtus* Hesse, 1938: 145. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**plumipes**

*Bombylius plumipes* Drury, 1773: 74. TYPE LOCALITY: Jamaica [T in UNKN (sold at auction)].

DISTRIBUTION: **Neotropical**: Jamaica.

**primogenitus**

*Bombylius primogenitus* Walker, 1849: 292. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**probellus**

*Bombylius bellus* Roberts, 1928b: 439. TYPE LOCALITY: Australia (NSW) [T (lost) in MAMU]. [Preoccupied by Philippi, 1865.]

*Bombylius probellus* Hardy, 1942: 204 (new replacement name for *Bombylius bellus* Roberts, 1928).

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**recedens**

*Bombylius recedens* Walker, 1852: 199. TYPE LOCALITY: Not given [= unknown] [H in BMNH\*].

DISTRIBUTION: **Patria Ignota**: Unknown.

**spinipes**

*Bombylius spinipes* Thomson, 1869: 488. TYPE LOCALITY: Australia (NSW) [H in NHRS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**subacutus**

*Bombylius subacutus* Hesse, 1938: 148. TYPE LOCALITY: “S.W. Africa” [= Namibia] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**succandidus**

*Bombylius succandidus* Roberts, 1928b: 438. TYPE LOCALITY: Australia (NSW) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**tenuirostris**

*Bombylius tenuirostris* Roberts, 1928b: 437. TYPE LOCALITY: Australia (Queensland) [H (lost) in MAMU].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**walkeri**

*Bombylius nanus* Walker, 1849: 278. TYPE LOCALITY: Australia (WA) [H in BMNH\*].  
[Preoccupied by Meigen, 1838.]

*Bombylius walkeri* Evenhuis, 1978b: 101 (new replacement name for *Bombylius nanus* Walker, 1849).

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).



## Subfamily ECLIMINAE Hall

### Genus ALEPIDOPHORA Cockerell

**ALEPIDOPHORA**<sup>†</sup> Cockerell, 1909b: 54. Type species: *Alepidophora pealei* Cockerell, 1909, by monotypy.

#### **cockerelli**<sup>†</sup>

*Alepidophora cockerelli* Melander, 1949: 32. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in AMNH\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

#### **maxima**<sup>†</sup>

*Alepidophora maxima* Lewis, 1972: 1421. TYPE LOCALITY: USA (Montana) (Oligocene) [C] [H in NYBG].

DISTRIBUTION: **Nearctic**: USA (Montana) (Oligocene).

#### **minor**<sup>†</sup>

*Alepidophora minor* Melander, 1949: 31. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in AMNH\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

#### **pealei**<sup>†</sup>

*Alepidophora pealei* Cockerell, 1909b: 54. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in UCGC\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

### Genus CYRTOMYIA Bigot

**CYRTOPHORUS** Bigot, 1857a: 292. Type species: *Cyrtophorus pictipennis* Bigot, 1857, by monotypy. [Preoccupied by LeConte, 1850.]

**CYRTOMYIA** Bigot, 1892: 340 (new replacement name for *Cyrtophorus* Bigot, 1857). Type species: *Cyrtophorus pictipennis* Bigot, 1857, automatic.

**TOXOPHORINARUM** Verrall, 1909a: 479. Type species: *Cyrtophorus pictipennis* Bigot, 1857, by subsequent designation (Evenhuis, 1991b: 75). [Unavailable; name proposed in synonymy with *Cyrtophorus* Bigot and not made available before 1961.]

#### **chilensis**

*Cyrtomyia chilensis* Paramonov, 1931b: 41(41). TYPE LOCALITY: Chile [H in DEI\*].

DISTRIBUTION: **Neotropical**: Argentina, Chile.

#### **pictipennis**

*Cyrtophorus pictipennis* Bigot, 1857a: 292. TYPE LOCALITY: Chile [L designated by Painter & Painter (1974: 94) in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

Genus **ECLIMUS** Loew

**ECLIMUS** Loew, 1844: 154. Type species: *Eclimus perspicillaris* Loew, 1844, by subsequent designation (Coquillett, 1910b: 536).

*ECLIMMUS* Agassiz, 1846b: 134 (unjustified emendation of *Eclimus* Loew, 1844). Type species: *Eclimus perspicillaris* Loew, 1844, automatic.

**gracilis**

*Eclimus gracilis* Loew, 1844: 156. TYPE LOCALITY: "Südküste Kleinasien" [= Turkey] [H in ZMHB\*].

*Eclimus gracilis* var. *festae* Bezzi, 1924b: 5. TYPE LOCALITY: Libya [2S in MRSN; 1S in MSNM].

DISTRIBUTION: **Palaeartic**: France, Greece (incl. Zakynthos), Israel (incl. West Bank), Italy, Libya, Macedonia, Morocco, Turkey, Yugoslavia.

**perspicillaris**

*Eclimus perspicillaris* Loew, 1844: 154. TYPE LOCALITY: "Inseln des griechischen Archipelagus" [= Greece] & Turkey [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Greece, Italy, Turkey.

Genus **LEPIDOPHORA** Westwood

**LEPIDOPHORA** Westwood, 1835: 447. Type species: *Ploas aegeriiformis* Gray, 1832 [= *Toxophora lepidocera* Wiedemann, 1828], by monotypy.

**acroleuca**

*Lepidophora acroleuca* Painter, 1930b: 804. TYPE LOCALITY: Honduras [H in USNM\*].

DISTRIBUTION: **Neotropical**: Brazil (Amazonas), Honduras.

**culiciformis**

*Lepidophora culiciformis* Walker, 1850: xcvi. TYPE LOCALITY: Brazil (Pará) [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Amazonas, Minas Gerais, Pará, São Paulo).

**cuneata**

*Lepidophora cuneata* Painter, 1939: 43. TYPE LOCALITY: Paraguay [H in USNM\*].

DISTRIBUTION: **Neotropical**: Bolivia, Brazil (Ceará, Bahia, Mato Grosso, Goiás, Minas Gerais, Mato Grosso do Sul), Paraguay, Trinidad & Tobago.

**lepidocera**

*Toxophora lepidocera* Wiedemann, 1828: 360. TYPE LOCALITY: "Vaterland?" [= USA (Georgia) (from type specimen label data)] [1S in SMFD; 2S in ZMHB\*].

*Ploas aegeriiformis* Gray in Griffith & Pigeon, 1832: pl. 128, fig. 6. TYPE LOCALITY: Not given [= USA (Georgia) (see Westwood, 1835: 447)] [H in UMO\*].

*Toxophora appendiculata* Macquart, 1846: 246(118). TYPE LOCALITY: USA (Texas) [T in UNKN (originally in Pilate Collection)].

*aegeriiformis*, incorrect original spelling of *aegeriiformis* (Gray in Griffith & Pigeon, 1832: 792).

*oegeriiformis*, incorrect original spelling of *aegeriiformis* (Gray in Griffith & Pigeon, 1832: 779).

DISTRIBUTION: **Nearctic**: USA (Alabama, Colorado, Florida, Georgia, Illinois, Iowa, Kansas, Louisiana, Maryland, Minnesota, Missouri, New Jersey, New York, Ohio, Oklahoma, South Carolina, Texas, Virginia).

**lutea**

*Lepidophora lutea* Painter in Painter & Painter, 1962: 51. TYPE LOCALITY: USA (New Jersey) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Florida, Georgia, Illinois, Indiana, Louisiana, Maine, Maryland, Michigan, Minnesota, Missouri, New Jersey, New York, Ohio, Pennsylvania, Tennessee, Virginia, West Virginia).

**secutor**

*Lepidophora secutor* Walker, 1857: 145. TYPE LOCALITY: “Valley of the Amazon” [= Brazil (Amazonas or Pará)] [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Acre, Amazonas, Espirito Santo, Mato Grosso, Pará, Rondônia, Roraima), Colombia, Guyana, Peru, Venezuela.

**trypoxylona**

*Lepidophora trypoxylona* Hall, 1981b: 161. TYPE LOCALITY: Costa Rica [H in CAS\*].

DISTRIBUTION: **Neotropical**: Costa Rica.

**vetusta**

*Lepidophora vetusta* Walker, 1857: 145. TYPE LOCALITY: “Valley of the Amazon” [error, = Mexico (Veracruz-Llave)] [L designated by Painter & Painter (1962: 52) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Colima, Guerrero, Jalisco, Morelos, Nayarit, San Luis Potosí, Sinaloa, Sonora, Veracruz-Llave), USA (Texas). **Neotropical**: Costa Rica, Guatemala, Mexico (Chiapas, Oaxaca), Nicaragua.

Genus **MARMASOMA** White

**MARMASOMA** White, 1916: 184, 188. Type species: *Marmasoma sumptuosa* White, 1916, by monotypy.

**sumptuosum**

*Marmasoma sumptuosa* White, 1916: 190. TYPE LOCALITY: Australia (Queensland & Victoria) [4S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland, Victoria).

Genus **PALINTONUS** François

**PALINTONUS** François, 1964b: 323. Type species: *Lepidophora austeni* Paramonov, 1949, by original designation.

**austeni**

*Lepidophora austeni* Paramonov, 1949: 636. TYPE LOCALITY: Uganda [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Congo, Uganda.

Genus **PARATOXOPHORA** Engel

**PARATOXOPHORA** Engel, 1936b: 39. Type species: *Paratoxophora cuthbertsoni* Engel, 1936, by monotypy.

**cuthbertsoni**

*Paratoxophora cuthbertsoni* Engel, 1936b: 40. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in NMBZ].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Gauteng, KwaZulu-Natal), Tanzania, Zimbabwe.

Genus **THEVENETIMYIA** Bigot

*THEVENEMYIA* Bigot, 1875a: 196 [1875b: clxxiv]. Type species: *Thevenemyia californica* Bigot, 1875, by monotypy. [Unavailable name; incorrect original spelling.]

**THEVENETIMYIA** Bigot, 1875a: 196 [1875b: clxxiv] (justified emendation of *Thevenemyia* [by Bigot, 1892: 339]). Type species: *Thevenemyia californica* Bigot, 1875, automatic.

*EPIBATES* Osten Sacken, 1877: 268. Type species: *Epibates funestus* Osten Sacken, 1877, by subsequent designation (Coquillett, 1910b: 538).

*THEVENETEMYA*, incorrect spelling of *Thevenetimyia* (Bigot, 1892: 370).

Subgenus **ARTHRONEURA** Hull

**ARTHRONEURA** Hull, 1966: 226 (as subgenus of *Eclimus* Loew). Type species: *Eclimus tridentatus* Hull, 1966, by original designation.

**tridentata**

*Eclimus tridentatus* Hull, 1966: 226. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

Subgenus **THEVENETIMYIA** Bigot**accedens**

*Thevenemyia accedens* Hall, 1969: 19. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Oregon, Washington).

**affinis**

*Thevenemyia affinis* Hall, 1969: 22. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

**auripila**

*Eclimus auripilus* Osten Sacken, 1887b: 161. TYPE LOCALITY: Mexico (Durango) [L designated by Painter & Painter (1962: 54) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Durango, Sinaloa), USA (Texas).

**australiensis**

*Thevenemyia australiensis* Hall, 1969: 25. TYPE LOCALITY: Australia (NSW) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**californica**

*Thevenemyia californica* Bigot, 1875a: 196 [1875b: clxxiv]. TYPE LOCALITY: USA (California) [L designated by Painter & Painter (1962: 55) in BMNH\*].

DISTRIBUTION: **Nearctic**: USA (California, Oregon).

**canuta**

*Thevenemyia canuta* Hall, 1969: 28. TYPE LOCALITY: USA (Arizona) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**celer**

*Eclimus celer* Cole in Cole & Lovett, 1919: 224. TYPE LOCALITY: USA (Oregon) [H in CAS].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (California, Idaho, Oregon, Washington).

**culiciformis**

*Eclimius culiciformis* Hull, 1965: 95. TYPE LOCALITY: USA (Arizona) [H (destroyed) in FMH (see Note 8)].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Arizona).

**fascipennis**

*Eclimius fascipennis* Williston, 1901: 295. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 55) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos, San Luis Potosí). **Neotropical:** Mexico (Oaxaca).

**funesta**

*Epibates funestus* Osten Sacken, 1877: 271. TYPE LOCALITY: USA (New Hampshire) [N designated by Evenhuis & Greathead (1999: 673) in MCZ\*; L designated by Hall (1969: 36) invalid].

DISTRIBUTION: **Nearctic:** Canada (Ontario, Quebec), USA (Illinois, New Hampshire, West Virginia).

**furvicostata**

*Eclimius furvicostatus* Roberts, 1929: 578. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**halli**

*Eclimius halli* Hull, 1965: 96. TYPE LOCALITY: Mexico (Guerrero) [H in CNC\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos, Sinaloa).

**harrisi**

*Epibates harrisi* Osten Sacken, 1877: 273. TYPE LOCALITY: “Northern United States” [H in MCZ\*; L designated by Hall (1969: 38) invalid].

DISTRIBUTION: **Nearctic:** USA (New Hampshire).

**hirta**

*Eclimius hirtus* Loew, 1876: 209. TYPE LOCALITY: Greece [H in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Greece.

**intermedia**

*Thevenemyia lotus* ssp. *intermedia* Hall, 1969: 47. TYPE LOCALITY: USA (Wyoming) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Idaho, Wyoming).

**lanigera**

*Eclimius laniger* Cresson, 1919: 182. TYPE LOCALITY: USA (California) [H in ANSP].

*Eclimius leechi* Hall, 1954b: 147. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California, Oregon, Idaho, Utah, Washington).

**longipalpis**

*Eclimius longipalpis* Hardy, 1921: 63. TYPE LOCALITY: Australia (NSW) [H in AMS\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, WA).

**lotus**

*Eclimius lotus* Williston, 1893a: 66. TYPE LOCALITY: USA (California) [H SEMC].

DISTRIBUTION: **Nearctic:** Canada (British Columbia), USA (California, Idaho, Montana, New Mexico, Oregon, Washington).

**luctifera**

*Epibates luctifer* Osten Sacken, 1877: 271. TYPE LOCALITY: Canada (British Columbia) [H in MCZ\*].

*Amictus auripilus* Bigot, 1892: 372. TYPE LOCALITY: "Washington territory" [= USA (Idaho or Washington)] [4S in BMNH\*]. [Preoccupied by Osten Sacken, 1887.]

*Eclimus auratus* Williston, 1893a: 65. TYPE LOCALITY: USA (Washington) [2S in SEMC].

DISTRIBUTION: **Nearctic:** Canada (British Columbia), Mexico (Nuevo León), USA (California, Colorado, Idaho, Nevada, Oregon, Washington).

**maculipennis**

*Eclimus maculipennis* Hull, 1965: 96. TYPE LOCALITY: USA (Arizona) [H (destroyed) in FMH (see Note 8)].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur), USA (Arizona).

**magna**

*Epibates magnus* Osten Sacken, 1877: 272. TYPE LOCALITY: Canada (British Columbia) [H in MCZ\*].

*Epibates ostensackenii* Burgess, 1878: 323 (as "*Osten-Sackenii*"). TYPE LOCALITY: USA (Colorado) [3S in USNM\*].

*Thevenetimyia melanopogon* Bigot, 1892: 370. TYPE LOCALITY: "Washington territory" [= USA (Idaho or Washington)] [L designated by Painter & Painter (1962: 57) in BMNH\*].

DISTRIBUTION: **Nearctic:** Canada (British Columbia), USA (Arizona, California, Colorado, Idaho, Montana, New Mexico, Oregon, Utah, Washington, Wyoming).

**marginata**

*Epibates marginatus* Osten Sacken, 1877: 272. TYPE LOCALITY: USA (California) [1S in MCZ\*; 3S in AMNH\*].

*Eclimus melanosus* Williston, 1893a: 65. TYPE LOCALITY: USA (California) [4S in SEMC].

*Eclimus yosemite* Cresson, 1919: 183. TYPE LOCALITY: USA (California) [H in ANSP].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (California, Idaho, Nevada, Oregon, Utah).

**melanderi**

*Thevenemyia melanderi* Hall, 1969: 58. TYPE LOCALITY: USA (Washington) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Canada (Alberta, British Columbia), USA (California, Idaho, Montana, Washington).

**mimula**

*Thevenemyia mimula* Hall, 1969: 61. TYPE LOCALITY: Not given [= Australia] [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**muricata**

*Epibates muricatus* Osten Sacken, 1877: 272. TYPE LOCALITY: USA (California) [1S in MCZ\*; 2S in AMNH\*].

DISTRIBUTION: **Nearctic:** Canada (British Columbia), USA (California, Colorado, Idaho, Oregon, Washington).

**nigra**

*Apatomyza niger* Macquart, 1834: 390. TYPE LOCALITY: USA (Georgia) [2S in MNHN\*].

*Cyllenia aegiale* Walker, 1849: 296. TYPE LOCALITY: USA (Georgia) [L designated by Evenhuis & Greathead (1999: 662) in BMNH\*].

DISTRIBUTION: **Nearctic**: USA (Georgia, Mississippi).

**nigrapicalis**

*Eclimus nigrapicalis* Roberts, 1929: 576. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, Queensland).

**notata**

*Thevenemyia notata* Hall, 1969: 66. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**painterorum**

*Thevenemyia painterorum* Hall, 1969: 67. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero).

**phalantha**

*Thevenemyia phalantha* Hall, 1969: 68. TYPE LOCALITY: USA (Washington) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (California, Idaho, Montana, Oregon, Utah, Washington).

**quadrata**

*Eclimus quadratus* Williston, 1901: 295. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Michoacán de Ocampo, Morelos).

**Neotropical**: Mexico (Oaxaca).

**quedenfeldti**

*Epi Bates quedenfeldti* Engel, 1885: 178. TYPE LOCALITY: Mauritania [L designated by Evenhuis & Greathead (1999: 663) in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Mauritania. **Palaeartic**: Algeria, Tunisia.

**sodalis**

*Eclimus sodalis* Williston, 1893a: 65. TYPE LOCALITY: USA (Washington) [H in SEMC].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (California, Oregon, Washington).

**speciosa**

*Thevenemyia speciosa* Hall, 1969: 74. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**tenta**

*Thevenemyia tenta* Hall, 1969: 75. TYPE LOCALITY: Australia (NSW) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**venosa**

*Eclimus venosus* Bigot, 1892: 371. TYPE LOCALITY: “Europe?” [H in UMO\*].

DISTRIBUTION: **Patria Ignota**: ?Europe.

**zerrinae**

*Thevenemyia zerrinae* Hasbenli, 2005: 11. TYPE LOCALITY: Turkey [H in ZMGU].

DISTRIBUTION: **Palearctic**: Turkey.

**zieglerei**

*Thevenemyia zieglerei* Dils, 2009: 122. TYPE LOCALITY: Iran [H in ZMHB].

DISTRIBUTION: **Palearctic**: Iran.

Genus **TILLYARDOMYIA** Tonnoir

**TILLYARDOMYIA** Tonnoir, 1927: 101. Type species: *Tillyardomyia gracilis* Tonnoir, 1927, by monotypy.

**gracilis**

*Tillyardomyia gracilis* Tonnoir, 1927: 103. TYPE LOCALITY: New Zealand [H in NZAC].

DISTRIBUTION: **Australasian/Oceanian**: New Zealand.



Subfamily **CROCIDIINAE** HullGenus **APATOMYZA** Wiedemann

**APATOMYZA** Wiedemann, 1820: 11. Type species: *Apatomyza punctipennis* Wiedemann, 1820, by original designation (on plate).

*APATOMYZA* Jensen, 1832: 326. Type species: *Apatomyza punctipennis* Jensen, 1832 [preoccupied, = *Apatomyza punctipennis* Wiedemann, 1820], by monotypy. [Preoccupied by Wiedemann, 1820.]

*ADELOGENYS* Hesse, 1938: 811. Type species: *Adelogenys culicoides* Hesse, 1938, by original designation.

**angusticephala**

*Apatomyza angusticephala* Lamas & Evenhuis, 2005: 288. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**aurea**

*Apatomyza aurea* Lamas, Evenhuis & Couri, 2003: 101. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**bethuliensis**

*Apatomyza bethuliensis* Lamas, Evenhuis & Couri, 2003: 97. TYPE LOCALITY: South Africa (Free State) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Free State).

**braunsii**

*Adelogenys braunsii* Hesse, 1938: 817. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, northern Cape, western Cape).

**capensis**

*Apatomyza capensis* Lamas, Evenhuis & Couri, 2001: 178. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**culicoides**

*Adelogenys culicoides* Hesse, 1938: 814. TYPE LOCALITY: South Africa (Northern Cape) [1S in NMSA\*; 27S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**desertica**

*Apatomyza desertica* Lamas, Evenhuis & Couri, 2001: 182. TYPE LOCALITY: Namibia [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**glabripleura**

*Apatomyza glabripleura* Lamas, Evenhuis & Couri, 2003: 103. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**irwini**

*Apatomyza irwini* Lamas, Evenhuis & Couri, 2001: 183. TYPE LOCALITY: South Africa (Northern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**proboscidea**

*Apatomyza proboscidea* Lamas, Evenhuis & Couri, 2003: 101. TYPE LOCALITY: South Africa (Free State) [H in NMSA].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Free State).

**punctipennis**

*Apatomyza punctipennis* Wiedemann, 1820: 11. TYPE LOCALITY: “Promontorio bonae spei” [= South Africa (Western Cape)] [H in ZMUC].

*Apatomyza punctipennis* Jensen, 1832: 326. TYPE LOCALITY: “Promontorio bonae spei” [= South Africa (Western Cape)] [T in UNKN]. [Preoccupied by Wiedemann, 1820.]

*Adelogenys namaquaensis* Hesse, 1938: 816. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**whocantell**

*Apatomyza whocantell* Lamas & Evenhuis, 2005: 286. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

Genus **CROCIDIUM** Loew

**CROCIDIUM** Loew, 1860a: 85 [1860b: 267; 1860c: 195]. Type species: *Crocidium poecilopterum* Loew, 1860, by monotypy.

**aegyptiacum**

*Crocidium aegyptiacum* Bezzi, 1925: 193. TYPE LOCALITY: Egypt [L designated by Evenhuis & Greathead (1999: 662) in ZMHB\*].

DISTRIBUTION: **Palaearctic**: Egypt, Israel.

**chrysonotum**

*Crocidium chrysonotum* Hesse, 1938: 793. TYPE LOCALITY: South Africa (Northern Cape) [12S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**costilabre**

*Crocidium costilabre* Hesse, 1963a: 276. TYPE LOCALITY: South Africa (Western Cape) [4S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**dasyposium**

*Crocidium dasyposium* Hesse, 1963a: 281. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (?Northern Cape, Western Cape).

**depressifrons**

*Crocidium depressifrons* Hesse, 1938: 805. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**dichopticum**

*Crocidium dichopticum* Hesse, 1963a: 280. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**fuscum**

*Crocidium fuscum* Greathead, 2000: 60. TYPE LOCALITY: Namibia [H in NMNW].

DISTRIBUTION: **Afrotropical**: Namibia.

**giganteum**

*Crocidium giganteum* Lamas, Evenhuis & Couri, 2003: 104. TYPE LOCALITY: South Africa (Northern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**globithorax**

*Crocidium globithorax* Lamas, Evenhuis & Couri, 2003: 108. TYPE LOCALITY: South Africa (Northern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**hessei**

*Crocidium hessei* Lamas, Evenhuis & Couri, 2003: 106. TYPE LOCALITY: South Africa (Northern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**immaculatum**

*Crocidium immaculatum* Bezzi, 1922a: 77. TYPE LOCALITY: South Africa (Eastern Cape) [H (destroyed) in HNHM].

*Crocidium karoanum* Hesse, 1938: 807. TYPE LOCALITY: South Africa (Northern Cape) [63S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape).

**lactipenne**

*Crocidium lactipenne* Hesse, 1963a: 275. TYPE LOCALITY: South Africa (Western Cape) [10S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**leucostomum**

*Crocidium leucostomum* Hesse, 1963a: 282. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**melanopale**

*Crocidium melanopalis* Hesse, 1938: 800. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**microstictum**

*Crocidium microstictum* Hesse, 1963a: 273. TYPE LOCALITY: South Africa (Western Cape) [18S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**namaquense**

*Crocidium namaquense* Hesse, 1963a: 279. TYPE LOCALITY: South Africa (Northern Cape) [1S in CNC\*; 94S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**nigrifacies**

*Crocidium nigrifacies* Bezzi, 1921a: 93. TYPE LOCALITY: Zimbabwe [H in SAMC\*].  
DISTRIBUTION: **Afrotropical**: Zimbabwe.

**nitidilabre**

*Crocidium nitidilabris* Hesse, 1938: 801. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**nudum**

*Crocidium nudum* Efflatoun, 1945: 130. TYPE LOCALITY: Egypt [2S in ECF; 7S in ESEC].  
DISTRIBUTION: **Palaearctic**: Egypt.

**pachycerum**

*Crocidium pachycerum* Hesse, 1963a: 277. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**pallens**

*Crocidium pallens* Greathead, 2000: 61. TYPE LOCALITY: Namibia [H in NMNW].  
DISTRIBUTION: **Afrotropical**: Namibia.

**phaenochilum**

*Crocidium phaenochilum* Hesse, 1938: 803. TYPE LOCALITY: South Africa (Northern Cape) [11S in SAMC\*].  
DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**phaeopterales**

*Crocidium phaeopteralis* Hesse, 1938: 797. TYPE LOCALITY: South Africa (Northern Cape) [14S in SAMC\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**poecilopterum**

*Crocidium poecilopterum* Loew, 1860a: 85 [1860b: 267; 1860c: 195]. TYPE LOCALITY: "Cap. B. Sp." [= South Africa (Western Cape)] [H in ZMHB\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**pterositictum**

*Crocidium pterositictum* Hesse, 1938: 795. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**tinctipenne**

*Crocidium tinctipenne* Hesse, 1963a: 278. TYPE LOCALITY: South Africa (Western Cape) [3S in SAMC\*].  
DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

Genus **DESMATOMYIA** Williston

**DESMATOMYIA** Williston, 1895: 268. Type species: *Desmatomyia anomala* Williston, 1895, by monotypy.

**ACREOTRICHITES**<sup>†</sup> Cockerell, 1917: 376. Type species: *Acreotrichites scopulicornis* Cockerell, 1917, by original designation.

**anomala**

*Desmatomyia anomala* Williston, 1895: 268. TYPE LOCALITY: USA (Colorado) [H in SEMC].

*Desmatomyia binotata* Painter in Painter & Painter, 1968a: 408. TYPE LOCALITY: Mexico (Sonora) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Sonora), USA (Arizona, California, Colorado, Kansas, New Mexico, Utah).

**jambalaia**

*Desmatomyia jambalaia* Hall & Evenhuis, 1987: 637. TYPE LOCALITY: USA (Arizona) [H in CAS\*].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua), USA (Arizona, New Mexico).

**scopulicornis**<sup>†</sup>

*Acreotrichites scopulicornis* Cockerell, 1917: 376. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

Genus **INYO** Hall & Evenhuis

**INYO** Hall & Evenhuis, 1987: 638. Type species: *Heterotropus senex* Melander, 1950, by original designation.

**destructor**

*Inyo destructor* Hall & Evenhuis, 1987: 641. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**senex**

*Heterotropus senex* Melander, 1950b: 150. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

*Desmatomyia proboscidea* Tabet & Hall, 1987: 64. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Utah).

Genus **MALLOPHTHIRIA** Edwards

**MALLOPHTHIRIA** Edwards, 1930: 169. Type species: *Mallophthiria lanata* Edwards, 1930, by original designation.

**elguetai**

*Mallophthiria lanata* Yamaguchi & Lamas, 2014: 142. TYPE LOCALITY: Chile [H in MZUSP].

DISTRIBUTION: **Neotropical**: Chile.

**lanata**

*Mallophthiria lanata* Edwards, 1930: 170. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

Genus **MEGAPHTHIRIA** Hall

**MEGAPHTHIRIA** Hall, 1976a: 105 (as subgenus of *Phthiria* Meigen). Type species: *Phthiria pirioni* Edwards, 1937, by original designation.

**capnopennis**

*Phthiria capnopennis* Hall, 1976a: 106. TYPE LOCALITY: Chile [H in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

**macrostoma**

*Phthiria macrostoma* Hall, 1976a: 107. TYPE LOCALITY: Chile [H in CAS\*].  
DISTRIBUTION: **Neotropical**: Chile.

**pirioni**

*Phthiria pirioni* Edwards, 1937: 41. TYPE LOCALITY: Chile [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Chile.

**poliodes**

*Phthiria poliodes* Hall, 1976a: 109. TYPE LOCALITY: Chile [H in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

Genus **SEMIRAMIS** Becker

*SEMIRAMIS* Becker, 1912: 422. *Nomen nudum*.

*SEMIRAMIS* Becker & Stein, 1912: 604. *Nomen nudum*.

**SEMIRAMIS** Becker *in* Becker & Stein, 1913a: 586. Type species: *Semiramis punctipennis* Becker, 1913, by original designation.

**punctipennis**

*Semiramis punctipennis* Becker & Stein, 1912: 604. *Nomen nudum*.  
*Semiramis punctipennis* Becker *in* Becker & Stein, 1913a: 586. TYPE LOCALITY: Iran [H in ZIS].  
DISTRIBUTION: **Palearctic**: Iran, Turkmenistan.

Genus **TIMIOMYIA** Evenhuis

*TAMERLANIA* Paramonov, 1931b: 205(205). Type species: *Tamerlantia grisea* Paramonov, 1931, by monotypy. [Preoccupied by Skrzjabin, 1924.]

**TIMIOMYIA** Evenhuis, 1978d: 247 (new replacement name for *Tamerlantia* Paramonov, 1931). Type species: *Tamerlantia grisea* Paramonov, 1931, automatic.

**grisea**

*Tamerlantia grisea* Paramonov, 1931b: 205(205). TYPE LOCALITY: Uzbekistan [3S in SIZK].  
DISTRIBUTION: **Palearctic**: Uzbekistan.

Subfamily **MARIOBEZZIINAE** BeckerGenus **CALLYNTHROPHORA** Schiner

**CALLYNTHROPHORA** Schiner, 1868a: 313 [1868b: 139]. Type species: *Callynthrophora capensis* Schiner, 1868, by original designation.

**capensis**

*Callynthrophora capensis* Schiner, 1868a: 314 [1868b: 140]. TYPE LOCALITY: “vom Cap” [= South Africa (Western Cape)] [2S in NMW].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**hastaticornis**

*Callynthrophora hastaticornis* Hesse, 1938: 778. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**marginifrons**

*Callynthrophora marginifrons* Bezzi, 1921a: 80. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC\*].

*magnifrons*, error for *marginifrons*.

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

Genus **CORSOMYZA** Wiedemann

**CORSOMYZA** Wiedemann, 1820: 13. Type species: *Corsomyza simplex* Wiedemann, 1820, by original designation (on plate).

**CORSOMYZA** Jensen, 1832: 329. Type species: *Corsomyza simplex* Jensen, 1832 [preoccupied, = *Corsomyza simplex* Wiedemann, 1820], by subsequent designation (Evenhuis, 1990a: 63). [Preoccupied by Wiedemann, 1820.]

**LASIOPROSOPA** Macquart, 1855: 102(82). Type species: *Lasioprosopa bigotii* Macquart, 1855 [= *Corsomyza nigripes* Wiedemann, 1820], by monotypy.

**DENAMYZA** Hull, 1973: 164, 165 (as subgenus of *Corsomyza* Wiedemann). Type species: *Corsomyza ochrostoma* Hesse, 1938, by original designation.

**anceps**

*Corsomyza anceps* Bezzi, 1921a: 78. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

*Corsomyza anceps* Bezzi, 1924a: 106. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*]. [Preoccupied by Bezzi, 1921.]

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**ancepsoides**

*Corsomyza ancepsoides* Hesse, 1938: 750. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**bicolor**

*Corsomyza bicolor* Bezzi, 1921a: 78. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**bipustulata**

*Corsomyza bipustulata* Bezzi, 1924a: 106. TYPE LOCALITY: South Africa (Western Cape) [4S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**brevicornis**

*Corsomyza brevicornis* Hesse, 1938: 731. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**campicola**

*Corsomyza campicola* Hesse, 1938: 752. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**capensis**

*Corsomyza capensis* Hesse, 1938: 751. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**clavicornis**

*Mulio clavicornis* Wiedemann, 1819a: 12. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [1S in ZMUC; 4S in ZMHB\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**depressifrons**

*Corsomyza depressifrons* Hesse, 1938: 736. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**dissimilis**

*Corsomyza dissimilis* Hesse, 1938: 754. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**eremobia**

*Corsomyza eremobia* Hesse, 1938: 745. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

*Corsomyza eremobia* var. *braunsii* Hesse, 1938: 747. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**fusicornis**

*Corsomyza fusicornis* Hesse, 1938: 753. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**gonucera**

*Corsomyza gonucera* Hesse, 1938: 744. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).



**hirtipes**

*Corsomyza hirtipes* Macquart, 1840: 109 [1841: 387]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, South Africa (Western Cape).

**karooana**

*Corsomyza karooana* Hesse, 1938: 748. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**longipalpis**

*Corsomyza longipalpis* Hesse, 1938: 735. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**minuscula**

*Corsomyza minuscula* Hesse, 1938: 739. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**montana**

*Corsomyza montana* Hesse, 1938: 740. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**namana**

*Corsomyza namana* Hesse, 1938: 749. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**nigripes**

*Corsomyza nigripes* Wiedemann, 1820: 15. TYPE LOCALITY: “Promontorio bonae spei” [= South Africa (Western Cape)] [2S in ZMUC; 1S in UMO\*; 2S in ZMHB\*].

*Corsomyza nigripes* Jensen, 1832: 331. TYPE LOCALITY: “Promontorio bonae spei” [= South Africa (Western Cape)] [T in UNKN]. [Preoccupied by Wiedemann, 1820.]

*Lasioprosopa bigotii* Macquart, 1855: 103(83). TYPE LOCALITY: “Océanie, cap des Aiguilles” [= South Africa (Western Cape)] [H in BMNH\*].

*Corsomyza nigripes* var. *turneri* Hesse, 1938: 738. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Western Cape).

**ochrostoma**

*Corsomyza ochrostoma* Hesse, 1938: 757. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**oneilii**

*Corsomyza oneilii* Hesse, 1938: 742. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**pallidipes**

*Corsomyza pallidipes* Hesse, 1938: 733. TYPE LOCALITY: South Africa (“presumably S. Cape Province”) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (?“S. Cape Province”).

**pennipes**

*Corsomyza pennipes* Wiedemann, 1820: 14. TYPE LOCALITY: “Promontorio bonae spei” [= South Africa (Western Cape)] [2S in ZMUC; 3S in ZMHB\*].

*Corsomyza pennipes* Jensen, 1832: 331. TYPE LOCALITY: “Promontorio bonae spei” [South Africa (Western Cape)]. [Preoccupied by Wiedemann, 1820.]

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**ruficornis**

*Corsomyza ruficornis* Bezzi, 1921a: 79. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**simplex**

*Corsomyza simplex* Wiedemann, 1820: 14. TYPE LOCALITY: “Promontorio bonae spei” [= South Africa (Western Cape)] [2S in ZMUC].

*Corsomyza simplex* Jensen, 1832: 329. TYPE LOCALITY: “Promontorio bonae spei” [= South Africa (Western Cape)] [T in UNKN]. [Preoccupied by Wiedemann, 1820.]

*Corsomyza fuscipennis* Macquart, 1840: 109 [1841: 387]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [H in BMNH\*].

*Megapalpus fulviceps* Bezzi, 1921a: 87. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**tricellulata**

*Corsomyza tricellulata* Hesse, 1938: 755. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

Genus **DASYPALPUS** Macquart

**DASYPALPUS** Macquart, 1840: 112 [1841: 390]. Type species: *Phthiria capensis* Wiedemann, 1828 [misidentification, = *Dasypalpus capensis* Macquart, 1840, by original designation. [Not preoccupied by the *nomen nudum* *Dasypalpus* Rafinesque, 1815.]

**DASYPALPOIDES** Evenhuis, 1978d: 247 (unnecessary new replacement name for *Dasypalpus* Macquart, 1840).

**capensis**

*Dasypalpus capensis* Macquart, 1840: 112 [1841: 390]. TYPE LOCALITY: Not given [= South Africa (Western Cape)] [H (lost) in MNHN].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

Genus **GNUMYIA** Bezzi

**GNUMYIA** Bezzi, 1921a: 82. Type species: *Gnumyia brevirostris* Bezzi, 1921, by original designation.

**GNUMYA**, incorrect original spelling of *Gnumyia* (Bezzi, 1921a: 173, 177).

**brevirostris**

*Gnumyia brevirostris* Bezzi, 1921a: 83. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape), Zimbabwe.

**fuscipennis**

*Gnumyia fuscipennis* Hesse, 1938: 783. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

Genus **HYPERUSIA** Bezzi

**HYPERUSIA** Bezzi, 1921a: 84 [1924a: 107]. Type species: *Hyperusia minor* Bezzi, 1921, by subsequent designation (Evenhuis, 1991b: 45).

**apiformis**

*Hyperusia apiformis* Greathead & Evenhuis, 2001a: 170. TYPE LOCALITY: Tanzania [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Tanzania.

**intercedens**

*Hyperusia intercedens* Bowden, 1975a: 102. TYPE LOCALITY: Botswana [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana.

**longirostris**

*Hyperusia longirostris* Greathead, 2006: 12. TYPE LOCALITY: Namibia [H in NMSA].

DISTRIBUTION: **Afrotropical**: Namibia.

**luteifacies**

*Hyperusia luteifacies* Bezzi, 1924a: 108. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**minor**

*Hyperusia minor* Bezzi, 1921a: 84. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**muscoides**

*Hyperusia muscoides* Hesse, 1938: 767. TYPE LOCALITY: “S.W. Africa” [= Namibia] [5S in SAMC; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**nivea**

*Hyperusia nivea* Hesse, 1936: 170. TYPE LOCALITY: Not given [= Botswana] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia.

**soror**

*Hyperusia soror* Bezzi, 1921a: 167. TYPE LOCALITY: “S.W. Protectorate” [= Namibia] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**transvaalensis**

*Hyperusia transvaalensis* Hesse, 1938: 772. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**xantholeuca**

*Hyperusia xantholeuca* Bowden, 1975a: 99. TYPE LOCALITY: Namibia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia.

Genus **MARIOBEZZIA** Becker

*MARIOBEZZIA* Becker, 1912: 422. *Nomen nudum*.

*MARIOBEZZIA* Becker & Stein, 1912: 604. *Nomen nudum*.

**MARIOBEZZIA** Becker, 1913: 470. Type species: *Mariobezzia lichtwardti* Becker, 1913, by monotypy

[See Evenhuis (1991b: 50) for clarification of the type fixation for this genus.]

**armeniaca**

*Mariobezzia armeniaca* Zaitzev, 1966b: 167. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia.

**catherinae**

*Mariobezzia catherinae* Efflatoun, 1945: 61. TYPE LOCALITY: Egypt [1S in ECF; 3S (destroyed?) in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

**ebneri**

*Mariobezzia ebneri* Becker, 1922: 59. TYPE LOCALITY: Sudan [H in NMW].

DISTRIBUTION: **Afrotropical**: Sudan.

**lichtwardti**

*Mariobezzia lichtwardti* Becker & Stein, 1912: 604. *Nomen nudum*.

*Mariobezzia zarudnyi* Becker & Stein, 1912: 604. *Nomen nudum*.

*Mariobezzia lichtwardti* Becker, 1913: 470; figs. 15–16 [in Becker & Stein, 1913a: 578]. TYPE LOCALITY: Turkmenistan [H in ZIS].

*Mariobezzia zarudnyi* Becker in Becker & Stein, 1913a: 579. TYPE LOCALITY: Iran [L designated by Zaitzev (1972d: 901) in ZIS].

*Mariobezzia griseohirta* Nurse, 1922b: 887. TYPE LOCALITY: Pakistan [H in BMNH\*].

*Mariobezzia pellucida* Paramonov, 1929a: 78(16). TYPE LOCALITY: Egypt [H (destroyed) in PPDD (see Note 4)].

*Mariobezzia griseohirta* var. *aegyptiaca* Engel, 1933a: 97. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Oriental**: India, Pakistan. **Palaeartic**: Egypt, Iran, Israel, Turkmenistan, Turkey.

Genus **MEGAPALPUS** Macquart

**MEGAPALPUS** Macquart, 1834: 394. Type species: *Phthiria capensis* Wiedemann, 1828, by monotypy.

**capensis**

*Phthiria capensis* Wiedemann, 1828: 356. TYPE LOCALITY: “Vom Kap” [= South Africa (Western Cape)] [3S in ZMHB\*].

*Megalpalpus nitidus* Macquart, 1840: 112 [1841: 390]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [2S in MNHN\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

Genus **PARACORSOMYZA** Hennig

**PARACORSOMYZA**<sup>†</sup> Hennig, 1966: 4. Type species: *Corsomyia crassirostris* Meunier, 1910 [as “*crassirostris* Loew, 1850”], by monotypy.

**crassirostris**<sup>†</sup>

*Corsomyia crassirostris* Loew, 1850: 40 [1861b: 91; in Osten Sacken, 1864: 311].

*Nomen nudum*.

*Corsomyza crassirostris* Meunier, 1910: 349. TYPE LOCALITY: Baltic Region (Eocene/Oligocene) [A] [H in PMHU].

*Corsomyza crassirostris* Hennig, 1966: 7. TYPE LOCALITY: Baltic Region (Eocene/Oligocene) [A] [H in PMHU (same type specimen as for *Corsomyza crassirostris* Meunier, 1910)]. [Preoccupied by Meunier, 1910.]

DISTRIBUTION: **Palaearctic**: Baltic Region (Eocene/Oligocene).

Genus **PUSILLA** Paramonov

**PUSILLA** Paramonov, 1954a: 27. Type species: *Pusilla longirostris* Paramonov, 1954, by original designation.

**longirostris**

*Pusilla longirostris* Paramonov, 1954a: 28. TYPE LOCALITY: Congo [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Congo.

Genus **ZYXMYIA** Bowden

**ZYXMYIA** Bowden, 1960: 213. Type species: *Zyxmyia megachile* Bowden, 1960, by original designation.

**megachile**

*Zyxmyia megachile* Bowden, 1960: 214. TYPE LOCALITY: Tanzania [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania.

Subfamily **XENOPROSOPINAE** Hesse

Genus **XENOPROSOPA** Hesse

**XENOPROSOPA** Hesse, 1956b: 942. Type species: *Xenoprosopa paradoxa* Hesse, 1956, by original designation.

**paradoxa**

*Xenoprosopa paradoxa* Hesse, 1956b: 944. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

Subfamily **ONIROMYIINAE** GreatheadGenus **ONIROMYIA** Bezzi

**ONIROMYIA** Bezzi, 1921a: 71. Type species: *Eurycarenum pachyceratus* Bigot, 1892, by original designation.

*ONIROMYA*, incorrect original spelling of *Oniromyia* (Bezzi, 1921a: 173).

*XETHOMYZA* Hesse, 1938: 986, 989. Type species: *Eurycarenum pachyceratus* Bigot, 1892, by monotypy. [Unavailable; name proposed in synonymy with *Oniromyia* and not made available before 1961.]

**cafrariae**

*Oniromyia cafrariae* Hesse, 1960: 284. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**pachycerata**

*Eurycarenum pachycerata* Bigot, 1892: 371. TYPE LOCALITY: “Cap de Bonne-Espérance” [= South Africa (Western Cape)] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

## Subfamily CYTHEREINAE Becker

### Genus AMICTITES Hennig

**AMICTITES**<sup>†</sup> Hennig, 1966: 9. Type species: *Amictites regiomontana* Hennig, 1966, by monotypy.

#### **regiomontanus**<sup>†</sup>

*Amictites regiomontana* Hennig, 1966: 9. TYPE LOCALITY: Baltic Region (Eocene/Oligocene) [A] [H in GMUG].

DISTRIBUTION: **Palearctic**: Baltic Region (Eocene/Oligocene).

### Genus AMICTUS Wiedemann

**AMICTUS** Wiedemann, 1817: 58. Type species: *Bombylius oblongus* Fabricius, 1805, by monotypy.

*THLIPSOMYZA* Wiedemann, 1820: 12. Type species: *Bombylius compressus* Fabricius, 1805, by original designation (on plate).

*THLIPSOMYZA* Jensen, 1832: 327. Type species: *Bombylius compressus* Fabricius, 1805, by monotypy. [Preoccupied by Wiedemann, 1820.]

*THLIPSOGASTER* Rondani, 1863: 72 [1864: 72]. Type species: *Thlypsomyza castanea* Macquart, 1840, by subsequent designation (Bezzi, 1924a: 4).

*TRUQUIA* Rondani, 1863: 72 [1864: 72]. Type species: *Truquia insularis* Rondani, 1863, by original designation.

*SUBBOMBYLIUS* Kapoor in Kapoor, Agarwal & Grewel, 1979: 411. Type species: *Subbombylius bowdeni* Kapoor & Agarwal, 1979, by original designation.

*THLYPSOGASTER*, incorrect original spelling of *Thlipsogaster* (Rondani, 1863: 72 [1864: 72]).

*THLYPSOGASTER*, error for *Thlipsogaster* (Marschall, 1873: 348).

*SYBBOMBYLIUS*, incorrect original spelling of *Subbombylius* (Kapoor in Kapoor, Agarwal & Grewel, 1979: 411).

#### **aegyptiacus**

*Amictus aegyptiacus* Paramonov, 1931b: 7(7). TYPE LOCALITY: Egypt [H in SIZK].

DISTRIBUTION: **Palearctic**: Egypt.

#### **bowdeni**

*Subbombylius bowdeni* Kapoor & Agarwal in Kapoor, Agarwal & Grewel, 1979: 411. TYPE LOCALITY: India (Karnataka) [H in INPC].

DISTRIBUTION: **Oriental**: India (Karnataka).

#### **castaneus**

*Thlypsomyza castanea* Macquart, 1840: 113 [1841: 391]. TYPE LOCALITY: “D’Alger” [= Algeria or Morocco] [1S in MNHN\*].

DISTRIBUTION: **Palearctic**: Algeria, Morocco.

#### **compressus**

*Bombylius compressus* Fabricius, 1805: 135. TYPE LOCALITY: “Algiriae” [= Algeria or Morocco] [1S in ZMUC].

DISTRIBUTION: **Palearctic**: Algeria, Morocco, Spain.

#### **firjuzanus**

*Amictus firjuzanus* Paramonov, 1931b: 8(8). TYPE LOCALITY: Turkmenistan [2S in SIZK].



DISTRIBUTION: **Oriental:** Pakistan. **Palaeartic:** Turkmenistan, Uzbekistan.

**funebriis**

*Amictus funebriis* Paramonov, 1931b: 10(10). TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic:** Tajikistan, Turkmenistan, Uzbekistan.

**gebeli**

*Amictus gebeli* Efflatoun, 1945: 161. TYPE LOCALITY: Egypt [15S in ECF; 19S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic:** Egypt.

**heteropterus**

*Amicta heteroptera* Macquart, 1838a: 14 [1838b: 18]. *Nomen nudum*.

*Thlipsomyza heteroptera* Macquart, 1840: 114 [1841: 392]. TYPE LOCALITY: “D’Alger” [= Algeria or Morocco] [1S in MNHN\*].

DISTRIBUTION: **Palaeartic:** Algeria.

**insignis**

*Amictus insignis* Loew, 1871: 209 [1872b: 57]. TYPE LOCALITY: Tajikistan [6S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Tajikistan, Uzbekistan.

**insularis**

*Truquia insularis* Rondani, 1863: 73 [1864: 73]. TYPE LOCALITY: “In Graecia Insulari” [= Greece] [T in UNKN].

DISTRIBUTION: **Palaeartic:** Greece, Italy.

**iranicus**

*Amictus iranicus* Lindner, 1975: 3. TYPE LOCALITY: Iran [H in SMNS].

DISTRIBUTION: **Palaeartic:** Iran.

**latifrons**

*Amictus latifrons* Loew, 1873: 177. TYPE LOCALITY: “Keles” [= Uzbekistan] [H (lost) in ZMHB].

DISTRIBUTION: **Palaeartic:** Tajikistan, Uzbekistan.

**minor**

*Amictus minor* Austen, 1937 [24 July]: 79. TYPE LOCALITY: Israel [4S in BMNH\*].

*Sinaia aharonii* Engel, 1937 [26 July]: 602. TYPE LOCALITY: Israel [H in SMNS].

DISTRIBUTION: **Palaeartic:** Greece, Israel, Italy, Tunisia.

**nobilis**

*Amictus nobilis* Loew, 1871: 211 [1872b: 57]. TYPE LOCALITY: Tajikistan [4S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Tajikistan, Uzbekistan.

**obliquenotatus**

*Amictus obliquenotatus* Austen, 1937: 86. TYPE LOCALITY: Israel (Gaza Strip) [5S in BMNH\*].

DISTRIBUTION: **Palaeartic:** Israel (incl. Gaza Strip).

**oblongus**

*Bombylius oblongus* Fabricius, 1805: 135. TYPE LOCALITY: “Marocco” [1S in ZMUC].

DISTRIBUTION: **Palaeartic:** Morocco, Turkmenistan.

**pictus**

*Amictus pictus* Loew, 1869b: 241. TYPE LOCALITY: Greece (Corfu) & “Dalmatien” [= Croatia] [5S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Algeria, Armenia, Azerbaijan, Bosnia-Hercegovina, Bulgaria, Croatia, Greece (incl. Corfu, Lesbos, Zakynthos), Gruzia, Iran, Italy (incl. Sardinia), Macedonia, Slovenia, Turkey, Yugoslavia.

**pulchellus**

*Amictus pulchellus* Macquart, 1846: 351(223), pl. 10, fig. 11 [*in* Lucas, 1849: 454].

TYPE LOCALITY: Not given [= Algeria (see Macquart *in* Lucas, 1849: 454)] [L designated by Evenhuis & Greathead (1999: 643) in MNHN\*].

DISTRIBUTION: **Palaeartic:** Algeria, Egypt, Greece (incl. Rhodes), Israel, Morocco, Spain, Tunisia, Turkey.

**scutellaris**

*Amictus scutellaris* Loew, 1869b: 234. TYPE LOCALITY: “Makri” [= Greece] [2S in UMO\*; 10S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Greece, Iran, Turkey.

**setosus**

*Amictus setosus* Loew, 1869b: 243. TYPE LOCALITY: “Makri” [= Greece] [7S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Egypt, Greece, Israel, Turkey.

**shafiki**

*Amictus shafiki* Efflatoun, 1945: 171. TYPE LOCALITY: Egypt [34S in ECF; 15S in ESEC].

DISTRIBUTION: **Palaeartic:** Egypt.

**similis**

*Amictus similis* Paramonov, 1931b: 20(20). TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic:** Tajikistan, Uzbekistan.

**strigilatus**

*Amictus strigilatus* Loew, 1869b: 339 ([sic] = 239). TYPE LOCALITY: Greece (Rhodes) & “Küstenstriche von Kleinasien” [= Greece (from type specimen label data)] [7S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Greece (incl. Rhodes), ?Israel, Turkey.

**tener**

*Amictus tener* Becker, 1906c: 157. TYPE LOCALITY: Algeria [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Algeria, Egypt.

**tigrinus**

*Amictus tigrinus* Austen, 1937: 81. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic:** Israel.

**validus**

*Amictus validus* Loew, 1869b: 244. TYPE LOCALITY: “Kleinasien” [= Greece (from type specimen label data)] & Cyprus [1S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Afghanistan, Algeria, Armenia, Azerbaijan, Bulgaria, Cyprus, Egypt, Greece, Gruzia, Iran, Israel (incl. West Bank), Italy, Lebanon, Libya, Macedonia, Moldova, Morocco, Romania, Russia (SET), Turkey, Turkmenistan, Ukraine, Yugoslavia.

**variegatus**

*Thlipsomyza variegata* Meigen in Waltl, 1835: 112 [*in* Waltl, 1838: 69 (as *Amictus*)].

TYPE LOCALITY: “Andalusien” [= Spain] [1S in MNHN\*].

DISTRIBUTION: **Palaeartic**: Algeria, France, Italy, Portugal, Spain.

**virgatus**

*Amictus virgatus* Austen, 1937: 83. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Israel, Turkey.

**zinamominus**

*Amictus zinamominus* Becker, 1906c: 155. TYPE LOCALITY: Algeria [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Algeria, Libya, Tunisia.

Genus **CALLOSTOMA** Macquart

**CALLOSTOMA** Macquart, 1840: 77 [1841: 355]. Type species: *Callostoma fascipennis* Macquart, 1840, by original designation.

**CALLISTOMA** Agassiz, 1846b: 60 (unjustified emendation of *Callostoma* Macquart, 1840). Type species: *Callostoma fascipennis* Macquart, 1840, automatic.

**desertorum**

*Callostoma desertorum* Loew, 1873: 176. TYPE LOCALITY: “Turkestan” [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Iran, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

**distinctum**

*Callostoma distincta* Greathead, 1972: 24. TYPE LOCALITY: Ethiopia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ethiopia.

**fascipenne**

*Callostoma fascipennis* Macquart, 1840: 77 [1841: 355]. TYPE LOCALITY: Turkey [T in UNKN].

*Callostoma fascipenne* ssp. *palaestinae* Paramonov, 1931b: 123(123). TYPE LOCALITY: Israel [6S in BMNH\*; 9S in SIZK].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Greece, Gruzia, Iran, Israel (incl. West Bank), Italy, Macedonia, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**imperator**

*Callistoma imperator* Nurse, 1922b: 886. TYPE LOCALITY: India [3S in BMNH\*].

DISTRIBUTION: **Oriental**: India, Pakistan. **Palaeartic**: Afghanistan.

**oezbeki**

*Callostoma oezbeki* Dils & Ozbek, 2006b: 157. TYPE LOCALITY: Turkey [H in ZMAN].

DISTRIBUTION: **Palaeartic**: Turkey.

**persicum**

*Callistoma persica* Paramonov, 1929a: 100(38). TYPE LOCALITY: Iran [2S (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Iran.

**soror**

*Callostoma soror* Loew, 1873: 175. TYPE LOCALITY: “Sarawschanthal” [= Tajikistan] [4S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Iran, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

Genus **CHALCOCHITON** Loew

**CHALCOCHITON** Loew, 1844: 157. Type species: *Chalcochiton speciosus* Loew, 1844, by monotypy.

*LOGCOCERIUS* Rondani, 1863: 61 [1864: 61]. Type species: *Anthrax holosericeus* Fabricius, 1794 (as “*M. holosericeus* Loew”), by original designation.

*LONCOCERIUS* Bezzi in Becker, Bezzi, Bischof, Kertész & Stein, 1903: 182 (unjustified emendation of *Logcocerius* Rondani, 1863). Type species: *Anthrax holosericeus* Fabricius, 1794, automatic.

*LONCHOCERIUS* Bezzi, 1924a: 4 (unjustified emendation of *Logcocerius* Rondani, 1863). Type species: *Anthrax holosericeus* Fabricius, 1794, automatic.

**argentifrons**

*Anthrax argentifrons* Macquart in Lucas, 1847: pl. 3, fig. 11 [1849: 459]. TYPE LOCALITY: Algeria [L designated by Evenhuis & Greathead (1999: 644) in MNHN\*].  
DISTRIBUTION: **Palaeartic**: Algeria, Libya, Morocco.

**argyrocephalus**

*Anthrax argyrocephala* Macquart, 1840: 55 [1841: 333]. TYPE LOCALITY: “D’Alger” [= Algeria (from type specimen label data)] [L designated by Evenhuis & Greathead (1999: 644) in MNHN\*].  
DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Israel (incl. West Bank), Jordan, Libya, Morocco.

**atlantica**

*Chalcochiton atlantica* Dils, 2008: 31. TYPE LOCALITY: Morocco [H in ZMAN].  
DISTRIBUTION: **Palaeartic**: Morocco.

**bisalbifrons**

*Chalcochiton bisalbifrons* Bezzi, 1922c: 147. TYPE LOCALITY: Libya [H in MCSN].  
DISTRIBUTION: **Palaeartic**: Egypt, Libya.

**carmelitensis**

*Mulio carmelitensis* Becker, 1903a: 26, 27 (key only) [1903b: 94]. TYPE LOCALITY: Not given [= Israel (see Becker, 1903b: 94)] [3S in ZMHB\*].  
DISTRIBUTION: **Palaeartic**: Israel, Syria.

**hispanicus**

*Chalcochiton hispanicus* Zaitzev, 2006: 680. TYPE LOCALITY: Spain [H in MNHN].  
DISTRIBUTION: **Palaeartic**: Spain.

**holosericeus**

*Anthrax holosericea* Fabricius, 1794: 258. TYPE LOCALITY: “Barbaria” [= Algeria or Tunisia] [L designated by Evenhuis & Greathead (1999: 648) in ZMHB\*].

*Anthrax albivillus* Pallas in Wiedemann, 1818a: 13. [Unavailable; name proposed in synonymy with *Anthrax holosericea* Fabricius and not made available before 1961.]

*Anthrax semiargentea* Macquart, 1840: 55 [1841: 333]. TYPE LOCALITY: “D’Alger” [= Algeria or Morocco] [L designated by Evenhuis & Greathead (1999: 652) in MNHN\*].

*Cyllenia aberrans* Walker, 1849: 297. TYPE LOCALITY: Not given [= Palaeartic] [H in BMNH\*].

*semiargentatus*, error for *semiargentea*.

DISTRIBUTION: **Palaeartic**: Afghanistan, Algeria, Croatia, France (incl. Corsica), Greece, Iran, Italy (incl. Sardinia), Macedonia, Morocco, Spain, Tajikistan, Tunisia, Turkmenistan, Yugoslavia.

**maroccanus**

*Chalcochiton hispanicus* Zaitzev, 2006: 682. TYPE LOCALITY: Morocco [H in MNHN].

DISTRIBUTION: **Palaeartic:** Morocco.

**merlei**

*Chalcochiton hispanicus* Zaitzev, 2006: 684. TYPE LOCALITY: Morocco [H in MNHN].

DISTRIBUTION: **Palaeartic:** Morocco.

**pallasii**

*Mulio pallasii* Loew, 1856: 9. TYPE LOCALITY: “südrussland” [= “Balkan” (from type specimen label data)] & “Kleinasien” [= Turkey] & “Syrien” [= Lebanon or Syria] [9S in ZMHB\*; 1S in BMNH\*].

*Chalcochiton schineri* Nowicki, 1868: 343. TYPE LOCALITY: “im galizinischen Podo-lien” [= Ukraine] [8S in UNKN].

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, Bulgaria, Greece (incl. Lesbos), Gruzia, Iran, Italy, Kyrgyz Republic, Macedonia, Moldova, Morocco, Poland, Romania, Russia (SET), Slovenia, Syria, Tajikistan, Turkmenistan, Ukraine, Uzbekistan.

**speciosus**

*Chalcochiton speciosus* Loew, 1844: 157. TYPE LOCALITY: Turkey [H in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Afghanistan, Iran, Turkey.

**syriacus**

*Mulio syriacus* Loew, 1869a: 379. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] [7S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Israel (incl. West Bank), Libya, Syria, Turkey.

Genus **CYLLENIA** Latreille

**CYLLENIA** Latreille, 1802: 429. Type species: *Cyllenia maculata* Latreille, 1802 [= *Asilus rusticus* Rossi, 1790], by monotypy.

**globiceps**

*Cyllenia globiceps* Loew, 1871: 220 [1872b: 57]. TYPE LOCALITY: Tajikistan [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Tajikistan, Turkmenistan, Uzbekistan.

**laevis**

*Cyllenia laevis* Bigot, 1888c: 9. TYPE LOCALITY: Tunisia [T in ?KBIN].

DISTRIBUTION: **Palaeartic:** Tunisia.

**marginata**

*Cyllenia marginata* Loew, 1846: 368. TYPE LOCALITY: Turkey [H in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Albania, Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, France, Greece (incl. Zakynthos), Gruzia, Iran, Israel, Italy (incl. Sicily), Macedonia, Romania, Slovenia, Turkey, Turkmenistan, Yugoslavia.

**obsoleta**

*Cyllenia obsoleta* Loew, 1846: 369. TYPE LOCALITY: Turkey [H in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Iran, Turkey.

**rustica**

*Asilus rusticus* Rossi, 1790: 328. TYPE LOCALITY: Italy [T in UNKN].

*Cyllenia maculata* Latreille, 1802: 301. TYPE LOCALITY: France [H in MNHN\*].

*Ploas cyllenia* Lamarck, 1816: 408. TYPE LOCALITY: France [H in MNHN\*].

DISTRIBUTION: **Palaeartic:** Albania, Armenia, Austria, Azerbaijan, Belarus, Czech Republic, France, Germany, Greece (incl. Lesbos), Gruzia, Hungary, Italy (incl. Sicily), Macedonia, Moldova, Poland, Romania, Russia (SET), Slovakia, Spain, Switzerland, Turkey, Ukraine, Yugoslavia.

**turkestanica**

*Cyllenia turkestanica* Paramonov, 1929a: 85(23). TYPE LOCALITY: Turkmenistan [1S in ZMHB\*; 1S in SIZK].

*turgestanica*, error for *turkestanica*.

DISTRIBUTION: **Palaeartic:** Tajikistan, Turkmenistan, Uzbekistan.

Genus **CYTHEREA** Fabricius

**CYTHEREA** Fabricius, 1794: 413. Type species: *Cytherea obscura* Fabricius, 1794, automatic [by designation of type species for *Mulio* by Latreille (1810: 443)].

*MULIO* Latreille, 1797: 155 (unnecessary new replacement name for *Cytherea* Fabricius, 1794). Type species: *Cytherea obscura* Fabricius, 1794, by subsequent designation (Latreille, 1810: 443).

*ASTROPHA* Rafinesque, 1815: 130 (unnecessary new replacement name for *Cytherea* Fabricius, 1794). Type species: *Cytherea obscura* Fabricius, 1794, automatic.

*GLOSSISTA* Rondani, 1856: 163. Type species: *Mulio infuscatus* Meigen, 1820, by original designation.

**adumbrata**

*Cytherea adumbrata* Paramonov, 1930: 367(17). TYPE LOCALITY: Uzbekistan [6S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic:** Tajikistan, Uzbekistan.

**albifrons**

*Mulio albifrons* Loew, 1873: 168. TYPE LOCALITY: Uzbekistan [H in UNKN].

DISTRIBUTION: **Palaeartic:** Tajikistan, Turkmenistan, Uzbekistan.

**albolineata**

*Glossista albolineata* Bezzi, 1925: 176. TYPE LOCALITY: Egypt [50S in ECF; 2S in MSNM; 1S in ZMHB\*].

DISTRIBUTION: **Afrotropical:** Yemen. **Palaeartic:** Egypt, Iran, Israel, Jordan, Oman, Saudi Arabia, United Arab Emirates.

**alexandrina**

*Mulio alexandrinus* Becker, 1902: 30 [1903a: 24]. TYPE LOCALITY: Egypt [4S in ZMHB\*].

DISTRIBUTION: **Afrotropical:** Sudan, Yemen. **Palaeartic:** Afghanistan, Algeria, Egypt, Iran, Israel, Kuwait, Oman, Saudi Arabia, Tunisia, Turkey, United Arab Emirates.

**angusta**

*Cytherea angusta* Paramonov, 1930: 371(21). TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic:** Tajikistan, Uzbekistan.

**araxana**

*Cytherea araxana* Paramonov, 1930: 372(22). TYPE LOCALITY: Azerbaijan [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan.

**arenicola**

*Cytherea arenicola* Paramonov, 1930: 372(22). TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan.

**aurea**

*Cytherea aurea* Fabricius, 1794: 414. TYPE LOCALITY: “Barbaria” [= Algeria or Tunisia] [T (lost) in MNHN].

*Mulio punctipennis* Macquart, 1840: 78 [1841: 365]. TYPE LOCALITY: Italy (Sicily) & “nord de l’Afrique” [S in UNKN (originally in Pilate Collection)].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Israel (incl. West Bank), Italy (incl. Sicily), Jordan, Libya, Morocco, Tunisia.

**barbara**

*Cytherea barbara* Sack, 1906: 469. TYPE LOCALITY: Tunisia [T in UNKN].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Israel (incl. Gaza Strip, West Bank), Jordan, Lebanon, Libya, Syria, Tunisia.

**brevirostris**

*Mulio brevirostris* Olivier, 1811: 48. TYPE LOCALITY: France [T in UNKN].

DISTRIBUTION: **Palaeartic**: France, Italy.

**bucharensis**

*Cytherea bucharensis* Paramonov, 1930: 378(28). TYPE LOCALITY: Uzbekistan [2S in SIZK; 4S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**cinerea**

*Cytherea cinerea* Fabricius, 1805: 116. TYPE LOCALITY: “Africae Mogadore” [= Morocco] [1S in ZMUC].

DISTRIBUTION: **Palaeartic**: Morocco.

**cyrenaica**

*Glossista cyrenaica* Bezzi, 1926: 81. TYPE LOCALITY: Libya [2S in MSNM].

DISTRIBUTION: **Palaeartic**: Libya.

**delicata**

*Mulio delicatus* Becker, 1906c: 153. TYPE LOCALITY: Tunisia & Algeria [7S in ZMHB\*; 1S in NMW\*; 1S in ZSMC; 1S in ZIS].

DISTRIBUTION: **Afrotropical**: Yemen. **Palaeartic**: Algeria, Egypt, Iran, Israel (incl. West Bank), Jordan, Kuwait, Morocco, Oman, Saudi Arabia, Tunisia, Turkey, United Arab Emirates.

**deserticola**

*Cytherea deserticola* Paramonov, 1930: 383(33). TYPE LOCALITY: Turkmenistan [H in SIZK].

*Cytherea deserticola* var. *albifrons* Paramonov, 1930: 372(22). TYPE LOCALITY: Turkmenistan [H (lost) in SIZK]. [Preoccupied by Loew, 1873.]

*Cytherea deserticola* ssp. *pallidifrons* Evenhuis, 1978c: 103 (new replacement name for *Cytherea deserticola albifrons* Paramonov, 1930).

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**dichroma**

*Cytherea dichroma* Paramonov, 1930: 385(35). TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**discipes**

*Cytherea discipes* Becker, 1915a: 320. TYPE LOCALITY: Tunisia [H (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaeartic**: Israel, Tunisia.

**dispar**

*Mulio dispar* Loew, 1873: 169. TYPE LOCALITY: Uzbekistan [3S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Algeria, Armenia, Azerbaijan, Gruzia, Iran, Jordan, Kyrgyz Republic, Morocco, Tajikistan, Tunisia, Turkey, Turkmenistan, Uzbekistan.

**disparoides**

*Cytherea disparoides* Paramonov, 1930: 387(37). TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**elegans**

*Cytherea elegans* Paramonov, 1930: 387(37). TYPE LOCALITY: Armenia [2S in SIZK].

*Cytherea paramonovi* Evenhuis & Greathead, 1999: 239 (unnecessary new replacement name for *Cytherea elegans* Paramonov, 1930).

DISTRIBUTION: **Palaeartic**: Armenia.

**esfandiarii**

*Cytherea esfandiarii* Lindner, 1975: 10. TYPE LOCALITY: Iran [H in SMNS].

DISTRIBUTION: **Palaeartic**: Iran.

**farinosa**

*Mulio farinosus* Loew, 1873: 173. TYPE LOCALITY: Kazakhstan [H in UNKN].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Uzbekistan.

**fenestrata**

*Mulio fenestrata* Loew, 1873: 170. TYPE LOCALITY: Tajikistan [H in UNKN].

DISTRIBUTION: **Afrotropical**: Yemen. **Palaeartic**: Egypt, Israel, Kuwait, Morocco, Oman, Saudi Arabia, Syria, Tajikistan, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan.

**fenestrulata**

*Mulio fenestrulata* Loew, 1873: 172. TYPE LOCALITY: Kazakhstan [H in ZMHB\*].

*Cytherea armeniaca* Paramonov, 1930: 374(24). TYPE LOCALITY: Azerbaijan & Armenia [1S in ZMHB\*; 3S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Iran, Kazakhstan, Tajikistan, Turkey, Uzbekistan.

**fratella**

*Mulio fratella* Becker, 1903c: 198. TYPE LOCALITY: Turkmenistan [3S in ZSMC; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**fusciventris**

*Cytherea fusciventris* Zaitzev, 1966b: 173. TYPE LOCALITY: Azerbaijan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Azerbaijan.



**infuscata**

*Mulio infuscatus* Meigen, 1820: 183. TYPE LOCALITY: “Provence” [= France] [2S in MNHN\*].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Azerbaijan, Egypt, France, Greece, Gruzia, Italy, Kyrgyz Republic, Libya, Macedonia, Morocco, Spain, Tajikistan, Turkmenistan, Uzbekistan, Yugoslavia.

**innitidifrons**

*Cytherea innitidifrons* Abbassian-Lintzen, 1968: 233. TYPE LOCALITY: Iran [H in TUPH].

DISTRIBUTION: **Palaeartic**: Iran.

**iranica**

*Cytherea fenestrolata* ssp. *iranica* Abbassian-Lintzen, 1968: 232. TYPE LOCALITY: Iran [H in TUPH].

DISTRIBUTION: **Palaeartic**: Iran.

**latifrons**

*Cytherea latifrons* Paramonov, 1930: 394(44). TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**lugubris**

*Mulio lugubris* Loew, 1873: 164. TYPE LOCALITY: Uzbekistan [5S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tajikistan, Uzbekistan.

**maroccana**

*Mulio maroccanus* Becker, 1903a: 28 (key only) [1903b: 89]. TYPE LOCALITY: Not given [= Morocco (see Becker, 1903b: 89)] [30S in ECF; 1S in ZMHB\*].

*Glossista nitidapex* Bezzi, 1925: 177. TYPE LOCALITY: Egypt [S (destroyed) in ESEC; 1S in MSNM; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Israel, Libya, Morocco.

**melaleuca**

*Mulio melaleucus* Loew, 1873: 167. TYPE LOCALITY: “Turkestan” [H in ZMHB\*].

*Mulio melanoleucus* Becker, 1903a: 20 [1903c: 195] (unjustified emendation of *melaleucus* Loew, 1873).

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Tajikistan, Turkey, Turkmenistan.

**mervensis**

*Cytherea mervensis* Paramonov, 1927a: 98(80). TYPE LOCALITY: Turkmenistan [H in ZMHB\*; S1 in SIZK; S7 in ZMHB].

DISTRIBUTION: **Palaeartic**: Iran, Tajikistan, Turkmenistan.

**nucleorum**

*Mulio nucleorum* Becker, 1902: 31 [1903a: 24]. TYPE LOCALITY: Egypt & “Syrien” [= Israel (from type specimen label data)] [5S in ZMHB\*; S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt, Israel, Jordan, Kuwait, Libya, Saudi Arabia, Syria.

**obscura**

*Cytherea obscura* Fabricius, 1794: 413. TYPE LOCALITY: “Barbaria” [= Algeria or Tunisia] [1S in ZMUC].

*Mulio tauriacus* Becker, 1903a: 29. TYPE LOCALITY: "Gillek [error, = Güllick] im cilischen Taurus" [= Turkey] [1S in ZMHB\*].

*Cytherea obscura* var. *beckeri* Paramonov, 1930: 402(52). TYPE LOCALITY: Iran & Turkmenistan [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, France, Greece, Gruzia, Iran, Israel (incl. West Bank), Italy, Lebanon, Macedonia, Moldova, Morocco, Portugal, Russia (SET), Slovakia, Slovenia, Spain, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Yugoslavia.

### **pallidipennis**

*Cytherea pallidipennis* Abbassian-Lintzen, 1968: 234. TYPE LOCALITY: Iran [H in TUPH].

DISTRIBUTION: **Palaeartic:** Iran.

### **pamirensis**

*Cytherea pamirensis* Paramonov, 1930: 404(54). TYPE LOCALITY: Tajikistan [H in SIZK].

DISTRIBUTION: **Palaeartic:** Tajikistan.

### **persicana**

*Mulio persicanus* Becker, 1903a: 27 (key only) [1903c: 193]. TYPE LOCALITY: Not given [= Iran] [H in ZIS].

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, Egypt, Gruzia, Iran, Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

### **rungsi**

*Cytherea rungsi* Timon-David, 1952: 140. TYPE LOCALITY: Morocco [H in TDPC].

DISTRIBUTION: **Palaeartic:** Morocco.

### **semiargyrea**

*Mulio semiargyrea* Strobl, 1906: 282. TYPE LOCALITY: Spain [H in NMBA].

DISTRIBUTION: **Palaeartic:** Italy, Portugal, Spain.

### **setosa**

*Cytherea setosa* Paramonov, 1930: 406(56). TYPE LOCALITY: Uzbekistan [10S in ZMHB\*; 2S in SIZK].

DISTRIBUTION: **Palaeartic:** Tajikistan, Uzbekistan.

### **thyridophora**

*Glossista thyridophora* Bezzi, 1925: 178. TYPE LOCALITY: Egypt [50S in ECF; 8S in ESEC; 7S in MSNM].

DISTRIBUTION: **Palaeartic:** Algeria, Egypt, Iran, Israel, Saudi Arabia, Tunisia.

### **transcaspia**

*Mulio transcaspis* Becker, 1903a: 26 (key only) [1903b: 93]. TYPE LOCALITY: Not given [= Turkmenistan (see Becker, 1903b: 93)] [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Iran, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

### **trifaria**

*Mulio trifarius* Becker, 1906c: 154. TYPE LOCALITY: Tunisia [L designated by Evenhuis & Greathead (1999: 667) in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Algeria, Morocco, Tunisia.

**turanica**

*Cytherea turanica* Paramonov, 1930: 411(61). TYPE LOCALITY: Turkmenistan [2S in SIZK; 13S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan.

**turkestanica**

*Cytherea turkestanica* Paramonov, 1930: 412(62). TYPE LOCALITY: Uzbekistan [L designated by Evenhuis & Greathead (1999: 662) in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Kyrgyz Republic, Tajikistan, Uzbekistan.

**turkmenica**

*Cytherea turkmenica* Paramonov, 1930: 413(63). TYPE LOCALITY: Turkmenistan [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**wadensis**

*Cytherea wadensis* Efflatoun, 1945: 399. TYPE LOCALITY: Egypt [141S in ECF; 15S in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt, Israel.

Genus **ENICA** Macquart

**ENICA** Macquart, 1834: 399. Type species: *Anthrax longirostris* Wiedemann, 1819, by monotypy.

**HENICA** Agassiz, 1846b: 138, 178 (unjustified emendation of *Enica* Macquart, 1834). Type species: *Anthrax longirostris* Wiedemann, 1819, automatic.

**LAGOCHILUS** Loew, 1860a: 87 [1860b: 273; 1860c: 201]. Type species: *Cyllenia afra* Wiedemann, 1828 [= *Anthrax longirostris* Wiedemann, 1819], by monotypy.

**ALONIPOLA** Rondani, 1863: 71 [1864: 71]. Type species: *Cyllenia pluricellata* Macquart, 1855 [= *Anthrax longirostris* Wiedemann, 1819], by original designation.

**longirostris**

*Anthrax longirostris* Wiedemann, 1819a: 11. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [2S in ZMUC].

*Cyllenia afra* Wiedemann, 1828: 358. TYPE LOCALITY: “Vaterland: Afrika?” [= South Africa] [1S in ZMHB\*].

*Cyllenia pluricellata* Macquart, 1855: 104(84). TYPE LOCALITY: “cap de Bonne-Espérance” [= South Africa (Western Cape)] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

Genus **GLAESAMICTUS** Hennig

**GLAESAMICTUS**<sup>†</sup> Hennig, 1966: 12. Type species: *Glaesamictus hafniensis* Hennig, 1966, by monotypy.

**hafniensis**<sup>†</sup>

*Glaesamictus hafniensis* Hennig, 1966: 12. TYPE LOCALITY: Baltic Region (Eocene/Oligocene) [A] [H in ZMUC].

DISTRIBUTION: **Palaeartic**: Baltic Region (Eocene/Oligocene).

Genus **GYROCRASPEDUM** Becker

*GYROCRASPEDUM* Becker, 1912: 422. *Nomen nudum*.

*GYROCRASPEDUM* Becker & Stein, 1912: 604. *Nomen nudum*.

**GYROCRASPEDUM** Becker, 1913: 456. Type species: *Gyrocrapedum pleskei* Becker, 1913, by original designation.

**pleskei**

*Gyrocrapedum pleskei* Becker & Stein, 1912: 604. *Nomen nudum*.

*Gyrocrapedum pleskei* Becker, 1913: 456 [*in* Becker & Stein, 1913a: 574]. TYPE LOCALITY: Iran [L designated by Zaitzev & Kandybina (1983: 33) in ZIS].

DISTRIBUTION: **Palaeartic**: Iran.

Genus **NEOSARDUS** Roberts

**NEOSARDUS** Roberts, 1929: 560. Type species: *Neosardus principius* Roberts, 1929, by original designation

*NITIDULUS* Roberts *in* Hahn, 1962: 132. *Nomen nudum*.

**australis**

*Neosardus australis* Yeates, 1996a: 53. TYPE LOCALITY: Australia (SA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland, SA).

**circumdatus**

*Neosardus circumdatus* Roberts, 1929: 561. TYPE LOCALITY: Australia (NSW) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**cosmus**

*Neosardus cosmus* Yeates, 1996a: 54. TYPE LOCALITY: Australia (WA) [H in WAMP].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**danielsi**

*Neosardus danielsi* Yeates, 1996a: 56. TYPE LOCALITY: Australia (Queensland) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, NT, Queensland, SA).

**decus**

*Neosardus decus* Yeates, 1996a: 57. TYPE LOCALITY: Australia (NSW) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**elegans**

*Neosardus elegans* Yeates, 1996a: 58. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**eremae**

*Neosardus eremae* Yeates, 1996a: 58. TYPE LOCALITY: Australia (NT) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, WA).

**fenestratus**

*Neosardus fenestratus* Yeates, 1996a: 59. TYPE LOCALITY: Australia (WA) [H in NDAA].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**lepidus**

*Neosardus lepidus* Roberts, 1929: 561. TYPE LOCALITY: Australia (NSW) [H in ANIC\*; but see Yeates (1996a: 48)].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**millstreamensis**

*Neosardus millstreamensis* Yeates, 1996a: 62. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**nigratus**

*Neosardus nigratus* Roberts, 1929: 563. TYPE LOCALITY: Australia (WA) [H in ANIC\*; but see Yeates (1996a: 64)].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, SA, WA).

**paramonovi**

*Neosardus paramonovi* Hull, 1973: 300. TYPE LOCALITY: Australia (WA) [H (destroyed) in FMH (see Cooper & Cumming, 1993: 3)].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**percultus**

*Neosardus percultus* Yeates, 1996a: 66. TYPE LOCALITY: Australia (NT) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT).

**phaleratus**

*Neosardus phaleratus* Yeates, 1996a: 67. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**principius**

*Neosardus principius* Roberts, 1929: 562. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, SA, WA).

**rieki**

*Neosardus rieki* Yeates, 1996a: 69. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**sparsus**

*Neosardus sparsus* Yeates, 1996a: 71. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**vicinus**

*Neosardus vicinus* Yeates, 1996a: 72. TYPE LOCALITY: Australia (NSW) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, WA).

Genus **NOMALONIA** Rondani

**NOMALONIA** Rondani, 1863: 71 [1864: 71]. Type species: *Cyllenia afra* Wiedemann, 1828, [misidentification, = *Nomalonia eremophila* Hesse, 1975], by original designation.

**clavicornis**

*Nomalonia clavicornis* Hesse, 1956a: 44. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**eremophila**

*Nomalonia eremophila* Hesse, 1975b: 123. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**henicoides**

*Nomalonia henicoides* Hesse, 1956a: 40. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**imitata**

*Nomalonia imitata* Hesse, 1956a: 40. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**sporanthera**

*Nomalonia sporanthera* Hesse, 1956a: 38. TYPE LOCALITY: South Africa (Northern Cape) [1S in BMNH\*; 1S in BPBM\*; 4S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**syrticola**

*Nomalonia syrticola* Hesse, 1956a: 41. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

Genus **PALAEOAMICTUS** Meunier

**PALAEOAMICTUS**<sup>†</sup> Meunier, 1916: 276. Type species: *Palaeoamictus spinosus* Meunier, 1916, by monotypy.

**spinosus**<sup>†</sup>

*Palaeoamictus spinosus* Meunier, 1916: 276. TYPE LOCALITY: Baltic Region (Eocene/Oligocene) [A] [H in GMUG].

DISTRIBUTION: **Palaearctic**: Baltic Region (Eocene/Oligocene).

Genus **PALEOLOMATIA** Nel

**PALEOLOMATIA**<sup>†</sup> Nel, 2008: 402. Type species: *Paleolomatia menatensis* Nel, 2008, by original designation.

**menatensis**<sup>†</sup>

*Paleolomatia menatensis* Nel, 2008 402. TYPE LOCALITY: France (Eocene) [A] [H in MNHN].

DISTRIBUTION: **Palaearctic**: France (Eocene).

Genus **PANTARBES** Osten Sacken

**PANTARBES** Osten Sacken, 1877: 226, 229, 254. Type species: *Pantarbes capito* Osten Sacken, 1877, by monotypy.

**capito**

*Pantarbes capito* Osten Sacken, 1877: 256. TYPE LOCALITY: USA (California) [L designated by Hall in Evenhuis (1982b: 6) in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada, Oregon, Utah, Wyoming).

**earinus**

*Pantarbes earinus* Hall & Evenhuis, 1984: 301. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (Arizona, California, Idaho, Nevada, New Mexico, Wyoming).

**megistus**

*Pantarbes megistus* Hall & Evenhuis, 1984: 304. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**pusio**

*Pantarbes pusio* Osten Sacken, 1887a: 153. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 26) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Idaho, Nevada, New Mexico, Oregon, Wyoming).

**scinax**

*Pantarbes scinax* Hall & Evenhuis, 1984: 307. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Oregon, Utah).

**willistoni**

*Pantarbes willistoni* Osten Sacken, 1887a: 153. TYPE LOCALITY: USA (Arizona) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (Arizona, California, Nevada, New Mexico, Texas, Utah).

Genus **PRAECYTHEREA** Théobald

**PRAECYTHEREA**<sup>†</sup> Théobald, 1937: 168. Type species: *Praecytherea sardii* Théobald, 1937, by monotypy.

**sardii**<sup>†</sup>

*Praecytherea sardii* Théobald, 1937: 168. TYPE LOCALITY: France (Oligocene) [C] [H in UBIG].

DISTRIBUTION: **Palaeartic**: France (Oligocene).

Genus **SERICOSOMA** Macquart

**SERICOSOMA** Macquart, 1850: 419(115). Type species: *Sericosoma fascifrons* Macquart, 1850, by original designation.

**actios**

*Sericosoma actios* Hall, 1976a: 62. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**argentinae**

*Sericosoma argentinae* Paramonov, 1947d: 366. TYPE LOCALITY: Argentina [4S (lost) in SIZK].

DISTRIBUTION: **Neotropical:** Argentina.

**bigotianum**

*Sericosoma bigotiana* Edwards, 1937: 39. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical:** Chile.

**chilense**

*Sericosoma chilensis* Hall, 1976a: 65. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical:** Chile.

**fascifrons**

*Sericosoma fascifrons* Macquart, 1850: 419(115). TYPE LOCALITY: Chile [2S in MNHN\*].

*Sericosoma squamiventris* Edwards, 1937: 38. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical:** Chile.

**fulvum**

*Sericosoma fulva* Edwards, 1937: 39. TYPE LOCALITY: Chile [H in BMNH\*].

*Sericosoma furva* Edwards in Paramonov, 1947d: 364 (unjustified emendation of *Sericosoma fulva* Edwards, 1937).

DISTRIBUTION: **Neotropical:** Chile.

**irwini**

*Sericosoma irwini* Hall, 1976a: 70. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical:** Chile.

**leucon**

*Sericosoma leucon* Bowden, 1986: 5. TYPE LOCALITY: Argentina [H in BMNH\*].

DISTRIBUTION: **Neotropical:** Argentina.

**pubipes**

*Sericosoma pubipes* Edwards, 1937: 40. TYPE LOCALITY: Argentina [H in BMNH\*].

DISTRIBUTION: **Neotropical:** Argentina, Chile.

**rossi**

*Sericosoma rossi* Hall, 1976a: 72. TYPE LOCALITY: Chile [H in CAS\*].

DISTRIBUTION: **Neotropical:** Argentina, Chile.

Genus **SERICOTHRIX** Hall

**SERICOTHRIX** Hall, 1976a: 59. Type species: *Sericothrix dioedes* Hall, 1976, by original designation.

**BOMBYLTHRIX**, incorrect original spelling of *Sericothrix* (Hall, 1976a: 10).

**dioedes**

*Sericothrix dioedes* Hall, 1976a: 59. TYPE LOCALITY: Chile [H in USNM\*].

DISTRIBUTION: **Neotropical:** Chile.



Genus **SINAIA** Becker

*SINAIA* Hermann, 1909: 149. Type species: *Sinaia kneuckeri* Becker, 1916, by subsequent designation (Bezzi, 1924a: 6). *Nomen nudum*.

**SINAIA** Becker, 1916: 65. Type species: *Sinaia kneuckeri* Becker, 1916, by original designation.

**kneuckeri**

*Sinaia kneuckeri* Hermann, 1909: 149. *Nomen nudum*.

*Sinaia kneuckeri* Becker, 1916: 66. TYPE LOCALITY: Egypt [H in ZSMC].

DISTRIBUTION: **Palaearctic**: Egypt.

Genus **SPHENOIDOPTERA** Williston

**SPHENOIDOPTERA** Williston, 1901: 295. Type species: *Sphenoidoptera varipennis* Williston, 1901, by monotypy.

**varipennis**

*Sphenoidoptera varipennis* Williston, 1901: 296. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 53) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Jalisco, Nayarit). **Neotropical**: Mexico (Chiapas).

Unplaced Species of **CY THEREINAE** Becker**dubius**

*Mulio dubius* Macquart, 1846: 243(115). TYPE LOCALITY: “Cajenne” [= French Guiana] [S in ?MRSN (originally in Spinola Collection)].

DISTRIBUTION: **Neotropical**: French Guiana.

**lateralis**

*Mulio lateralis* Rondani, 1868: 35. TYPE LOCALITY: Argentina [T in UNKN].

DISTRIBUTION: **Neotropical**: Argentina.

**lyncharribalzagai**

*Mulio cinerea* Lynch Arribálzaga, 1878: 273. TYPE LOCALITY: Argentina [T in MACN]. [Preoccupied by Fabricius, 1805.]

*Cytherea lyncharribalzagai* Evenhuis, 1978c: 103 (new replacement name for *Mulio cinerea* Lynch Arribálzaga, 1878).

DISTRIBUTION: **Neotropical**: Argentina.

**marginalis**

*Mulio marginalis* Rondani, 1868: 35. TYPE LOCALITY: Argentina [T in UNKN].

DISTRIBUTION: **Neotropical**: Argentina.

Subfamily **LOMATIINAE** SchinerTRIBE **LOMATIINI** SCHINERGenus **ALEUCOSIA** Edwards

**ALEUCOSIA** Edwards, 1934: 95. Type species: *Neuria corculum* Newman, 1841, by original designation

*CHELINA* Hull, 1973: 306 (as subgenus of *Comptosia* Macquart). Type species: *Comptosia norrisi* Hull, 1973, by original designation

*PARAMONOVOMYIA* Evenhuis, 1980a: 329. Type species: *Paramonovomyia halli* Evenhuis, 1980 [= *Comptosia norrisi* Hull, 1973], by original designation

**abditia**

*Aleucosia abditia* Yeates, 1991a: 171. TYPE LOCALITY: Australia (WA) [H in WADA].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**adusta**

*Aleucosia adusta* Yeates, 1991a: 203. TYPE LOCALITY: Australia (WA) [H in ANIC].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**affinis**

*Aleucosia affinis* Yeates, 1991a: 178. TYPE LOCALITY: Australia (WA) [H in ANIC].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**albovittata**

*Aleucosia albovittata* Yeates, 1991a: 147. TYPE LOCALITY: Australia (WA) [H in ANIC].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**angusta**

*Comptosia angusta* Edwards, 1934: 100. TYPE LOCALITY: Australia (WA) [H in NMW].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**aquila**

*Aleucosia aquila* Yeates, 1991a: 180. TYPE LOCALITY: Australia (WA) [H in ANIC].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**arguta**

*Aleucosia arguta* Yeates, 1991a: 166. TYPE LOCALITY: Australia (WA) [H in CAS].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**atherix**

*Neuria atherix* Newman, 1841: 222. TYPE LOCALITY: Australia (SA) [S in UNKN (see Note 19); 1S in UMO\*].

*Comptosia tricellata* Macquart, 1847a: 53 [1847c: 69]. TYPE LOCALITY: Australia (Queensland) [L designated by Yeates (1991a: 159) in BMNH\*].

*Comptosia geometrica* Macquart, 1847a: 53 [1847c: 69]. TYPE LOCALITY: Australia (Queensland) [4S in MNHN\*; 1S in BMNH\*].

*Anthrax obscura* Walker, 1852: 176. TYPE LOCALITY: "Van Diemen's Land" [= Australia (Tasmania)] [H in BMNH\*]. [Preoccupied by Weber, 1801.]

*Comptosia tripunctata* Edwards, 1934: 98. TYPE LOCALITY: Australia (Queensland) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, SA, Queensland, Tasmania, Victoria).

**australensis**

*Paramonovomyia australensis* Evenhuis, 1980a: 332. TYPE LOCALITY: Australia (WA) [H in CNC\*].

*Alyosia australica* Evenhuis, 1989b: 366 (new replacement name for *Paramonovomyia australensis* Evenhuis, 1980; at the time a secondary homonym of *Alyosia australensis* Schiner).

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**calophtalma**

*Comptosia calophtalma* Thomson, 1869: 485. TYPE LOCALITY: Australia (NSW) [T in NHRS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Queensland, SA, Victoria).

**cincta**

*Comptosia cincta* Edwards, 1934: 99. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**colona**

*Aleucosia colona* Yeates, 1991a: 187. TYPE LOCALITY: Australia (SA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (SA).

**corculum**

*Neria corculum* Newman, 1841: 221. TYPE LOCALITY: Australia (WA) [T in UNKN (see Note 19)].

DISTRIBUTION: **Australasian/Oceanian:** Australia (SA, WA).

**costalis**

*Comptosia costalis* Edwards, 1934: 99. TYPE LOCALITY: Australia (Queensland) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Queensland).

**cuneata**

*Comptosia cuneata* Edwards, 1934: 100. TYPE LOCALITY: “Australia” [L designated by Yeates (1991a: 179) in NMW].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**danielsorum**

*Aleucosia danielsorum* Yeates, 1991a: 202. TYPE LOCALITY: Australia (NSW) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Victoria).

**directa**

*Aleucosia directa* Yeates, 1991a: 161. TYPE LOCALITY: Australia (NSW) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW).

**dorsalis**

*Anthrax dorsalis* Walker, 1849: 269. TYPE LOCALITY: “New Holland” [= Australia] [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**fulvipes**

*Comptosia fulvipes* Bigot, 1892: 359. TYPE LOCALITY: "Australie" [H in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, SA, Victoria, WA).

**guttata**

*Aleucosia guttata* Yeates, 1991a: 189. TYPE LOCALITY: Australia (WA) [H in ANIC].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**hemiteles**

*Neuria hemiteles* Schiner, 1868b: 132. TYPE LOCALITY: Australia (NSW) [1S in BMNH\*; 3S in NMW].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

**hyalina**

*Aleucosia hyalina* Yeates, 1991a: 154. TYPE LOCALITY: Australia (WA) [H in ANIC].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**illota**

*Aleucosia illota* Yeates, 1991a: 197. TYPE LOCALITY: Australia (WA) [H in ANIC].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**macfarlandi**

*Paramonovomyia macfarlandi* Evenhuis, 1980a: 332. TYPE LOCALITY: Australia (WA) [H in ANIC\*].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**maculosa**

*Neuria maculosa* Newman, 1841: 221. TYPE LOCALITY: Australia (WA) [T in UNKN (see Note 19)].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (SA, Victoria, WA).

**marginata**

*Aleucosia marginata* Yeates, 1991a: 169. TYPE LOCALITY: Australia (NSW) [H in AMS].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

**multipunctata**

*Aleucosia multipunctata* Yeates, 1991a: 185. TYPE LOCALITY: Australia (WA) [H in ANIC].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**norrisi**

*Aleucosia norrisi* Hull, 1973: 306. TYPE LOCALITY: Australia (WA) [L designated by Yeates (1991a: 188) in CNC].  
*Paramonovomyia halli* Evenhuis, 1980a: 329. TYPE LOCALITY: Australia (WA) [H in ANIC\*].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**obtusa**

*Aleucosia obtusa* Yeates, 1991a: 193. TYPE LOCALITY: Australia (WA) [H in AMS].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**pallida**

*Aleucosia pallida* Yeates, 1991a: 192. TYPE LOCALITY: Australia (NSW) [H in AMS].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Victoria).

**plena**

*Anthrax plena* Walker, 1849: 270. TYPE LOCALITY: Australia (WA) [L designated by Yeates (1991a: 181) in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**preclara**

*Aleucosia preclara* Yeates, 1991a: 170. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**saltuaria**

*Aleucosia saltuaria* Yeates, 1991a: 155. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**serpentigera**

*Anthrax serpentiger* Walker, 1849: 270. TYPE LOCALITY: Australia (WA) [L designated by Yeates (1991a: 200) in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**sugillata**

*Aleucosia sugillata* Yeates, 1991a: 163. TYPE LOCALITY: Australia (WA) [H in CAS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**tridentata**

*Aleucosia tridentata* Yeates, 1991a: 175. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

Genus **ANISOTAMIA** Macquart

**ANISOTAMIA** Macquart, 1840: 81 [1841: 359]. Type species: *Anisotamia ruficornis* Macquart, 1840, by subsequent designation (Coquillett, 1910b: 507).

**orientalis**

*Anisotamia orientalis* Greathead, 1998: 215. TYPE LOCALITY: Pakistan [H in BMNH\*].

DISTRIBUTION: **Oriental:** Pakistan.

**ruficornis**

*Anisotamia ruficornis* Macquart, 1840: 81 [1841: 359]. TYPE LOCALITY: Egypt [L designated by Evenhuis & Greathead (1999: 643) in MNHN\*].

DISTRIBUTION: **Palaeartic:** Egypt, Israel, Libya, Syria.

Genus **BRACHYDEMIA** Hull

**BRACHYDEMIA** Hull, 1973: 306, 314 (as subgenus of *Bryodemina* Hull). Type species: *Bryodemina latisoma* Hull, 1973, by original designation. **BRACHYDEMINA**, incorrect original spelling of *Brachydemia* (Hull, 1973: 316).

**hedickei**

*Ogdococera hedickei* Paramonov, 1930: 417(67). TYPE LOCALITY: Bolivia [H in ZSMC].

DISTRIBUTION: **Neotropical:** Argentina, Bolivia.

**latisoma**

*Bryodemina latisoma* Hull, 1973: 314, 316. TYPE LOCALITY: Not given [= Brazil] [2S in CNC\*].

DISTRIBUTION: **Neotropical**: Brazil.

Genus **BRYODEMINA** Hull

*BRYODEMA* Hull, 1966: 227. Type species: *Anthrax valida* Wiedemann, 1830, by original designation. [Preoccupied by Fieber, 1853.]

**BRYODEMINA** Hull, 1973: 314 (new replacement name for *Bryodema* Hull, 1966). Type species: *Anthrax valida* Wiedemann, 1830, automatic.

**fasciata**

*Anisotamia fasciata* Williston, 1901: 284. TYPE LOCALITY: Mexico (Jalisco) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Colima, Jalisco).

**valida**

*Anthrax valida* Wiedemann, 1830: 636. TYPE LOCALITY: “Oaxara in Mexicanischen” [= Mexico (Oaxaca)] [2S in ZMHB\*].

*Anthrax eximia* Macquart, 1850: 419(115). TYPE LOCALITY: “Mexique” [H in MNHN\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Jalisco, México, Michoacán de Ocampo, Morelos, San Luis Potosí, Sonora, Veracruz-Llave). **Neotropical**: Mexico (Chiapas, Oaxaca).

Genus **CANARIELLUM** Strand

*CANARIA* Becker, 1912: 422. *Nomen nudum*.

*CANARIA* Becker, 1913: 462. Type species: *Anthrax brunnipennis* Macquart, 1839, by original designation. [Preoccupied by Partington, 1835.]

**CANARIELLUM** Strand, 1928: 48 (new replacement name for *Canaria* Becker, 1913). Type species: *Anthrax brunnipennis* Macquart, 1839, automatic.

**acutangula** ssp. **acutangula**

*Lomatia acutangula* Loew, 1860a: 87 [1860b: 275; 1860c: 203]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [1S in ZMHB\*; 1S in NHRS].

*acutangulum*, error for *acutangula*.

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Gauteng, KwaZulu-Natal).

**acutangula** ssp. **transvaalense**

*Lomatia acutangulus* var. *transvaalensis* Hesse, 1956a: 183. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng, KwaZulu-Natal).

**brunnipenne**

*Anthrax brunnipennis* Macquart in Webb & Berthelot, 1839: pl. 4 [16 September], 105 [28 October]. TYPE LOCALITY: Canary Is [H (lost) in MNHN].

DISTRIBUTION: **Palaeartic**: Canary Is.

**neavei**

*Lomatia neavei* Bezzi, 1924a: 143. TYPE LOCALITY: “Nyasaland” [= Malawi] [7S in BMNH\*; 1S in MSNM].

DISTRIBUTION: **Afrotropical**: Malawi.

Genus **COMPTOSIA** Macquart

- COMPTOSIA** Macquart, 1840: 80 [1841: 358]. Type species: *Comptosia fascipennis* Macquart, 1840, by monotypy.
- NEURIA** Newman, 1841: 220. Type species: *Neuria lateralis* Newman, 1841, by subsequent designation (Hardy, 1921: 54).
- NEVRIA** Agassiz, 1846b: 249 (unjustified new replacement name for *Neuria* Newman, 1841). Type species: *Neuria lateralis* Newman, 1841, automatic.
- ALYOSIA** Rondani, 1863: 54 [1864: 54]. Type species: *Comptosia maculipennis* Macquart, 1846 [= *Neuria ocellata* Newman, 1841], by subsequent designation (Becker, 1913: 465).
- MEGACOSMUS**<sup>†</sup> Cockerell, 1909a: 10. Type species: *Megacosmus mirandus* Cockerell, 1909, by monotypy.
- EPIDOSIA** Hull, 1973: 306 (as subgenus of *Comptosia* Macquart). Type species: *Comptosia vittata* Edwards, 1934, by original designation.
- OPSONIA** Hull, 1973: 306 (as subgenus of *Comptosia* Macquart). Type species: *Comptosia fenestrata* Hull, 1973, by original designation.
- ANTHOCOLON** Hull, 1973: 307 (as subgenus of *Comptosia* Macquart). Type species: *Comptosia casimira* Hull, 1973, by original designation.
- PARADOSIA** Hull, 1973: 306 (as subgenus of *Comptosia* Macquart). Type species: *Comptosia duofasciata* Hull, 1973, by original designation.
- CAMPTOSIA**, incorrect original spelling of *Comptosia* (Macquart, 1840: pl. 14, fig. 1 [1841: pl. 14, fig. 1]).
- EPIDOSINA**, incorrect original spelling of *Epidosia* (Hull, 1973: 349, 658).

**acantha**

*Comptosia acantha* Yeates, 1991b: 1151. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Victoria, WA).

**antipodesia**

*Comptosia antipodesia* Hull, 1973: 494, 661. *Nomen nudum*.

**apicalis**

*Comptosia apicalis* Macquart, 1848: 195(35). TYPE LOCALITY: “Nouvelle-Hollande” [= Australia] [H in MNHN\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, Queensland, Victoria).

**aurescens**

*Comptosia aurescens* Yeates, 1991b: 1087. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**australensis**

*Lomatia australensis* Schiner, 1868b: 129. TYPE LOCALITY: Australia (NSW) [H in NMW].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**bancrofti**

*Comptosia bancrofti* Edwards, 1934: 93. TYPE LOCALITY: Australia (Queensland) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**barrowensis**

*Comptosia caesariata* Yeates & Oberprieler, 2013: 351. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**basalis**

*Anthrax basalis* Walker, 1849: 267. TYPE LOCALITY: "New Holland" [= Australia] [L designated by Yeates (1991b: 1052) in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**biguttata**

*Comptosia biguttata* Edwards, 1934: 93. TYPE LOCALITY: Australia (Queensland) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**brunnea**

*Comptosia brunnea* Edwards, 1934: 90. TYPE LOCALITY: Australia (SA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, SA, Victoria).

**brunnipennis**

*Comptosia brunnipennis* Wulp, 1869: 110. TYPE LOCALITY: Indonesia (Timor) [H in RMNH\*].

*Comptosia orientalis* Evenhuis, 1978c: 103 (unnecessary new replacement name for *Comptosia brunnipennis* Wulp, 1869).

DISTRIBUTION: **Oriental**: Indonesia (Timor).

**caesariata**

*Comptosia caesariata* Yeates, 1991b: 1059. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, Queensland).

**caliginea**

*Comptosia caliginea* Yeates, 1991b: 1123. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**capillata**

*Comptosia capillata* Yeates, 1991b: 1061. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, Victoria).

**casimira**

*Comptosia casimira* Hull, 1973: 307. TYPE LOCALITY: Not given [= Australia (WA)] [L designated by Yeates (1991b: 1155) in CNC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, WA).

**decedens**

*Anthrax decedens* Walker, 1849: 271. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Victoria, WA).

**extensa**

*Anthrax extensa* Walker, 1835: 473. TYPE LOCALITY: Australia (WA) [2S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, WA).



**fascipennis**

*Comptosia fascipennis* Macquart, 1840: 81 [1841: 359]. TYPE LOCALITY: “Monte-Video?” [error, = Australia] [S (lost) in MNHN].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Queensland, Victoria).

**flava**

*Comptosia flava* Yeates, 1991b: 1079. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, WA).

**flavipenna**

*Comptosia flavipenna* Yeates, 1991b: 1106. TYPE LOCALITY: Australia (NT) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, WA).

**flexuosa**

*Comptosia flexuosa* Yeates, 1991b: 1096. TYPE LOCALITY: Australia (WA) [H in WAMP].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA, SA).

**gemina**

*Anthrax cognata* Walker, 1852: 177. TYPE LOCALITY: Australia (WA) [H in BMNH\*]. [Preoccupied by Walker, 1849.]

*Comptosia gemina* Hardy, 1941: 228 (new replacement name for *Anthrax cognata* Walker, 1852).

*Comptosia fenestrata* Hull, 1973: 306. TYPE LOCALITY: Not given [= Australia] [L designated by Yeates (1991b: 1126) in CNC\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**heliophila**

*Comptosia heliophila* Yeates, 1991b: 1075. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

**inclusa**

*Anthrax inclusa* Walker, 1849: 268. TYPE LOCALITY: “Van Dieman’s Land” [= Australia (Tasmania)] [L designated by Yeates (1991b: 1133) in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Tasmania, Victoria).

**indecora**

*Neuria indecora* Wulp, 1885b: 85. TYPE LOCALITY: “Poeloe Gamoe” [= Indonesia (Pulau Semau)] [H in RMNH].

DISTRIBUTION: **Oriental:** Indonesia (Pulau Semau).

**insignis**

*Neuria lateralis* Newman, 1841: 220. TYPE LOCALITY: Australia (NSW) [T in UNKN (see Note 19)].

*Anthrax insignis* Walker, 1849: 266 (new replacement name for *Neuria lateralis* Newman, 1841 [valid by virtue of I.C.Z.N. Code Article 59b]).

*Anthrax ducens* Walker, 1852: 176. TYPE LOCALITY: Australia (NSW) [H in BMNH\*].

*Comptosia rufoscutellata* Jaenicke, 1867b: 345 [1868: 37]. TYPE LOCALITY: “Australia” [H in SMFD].

*Neuria grandis* Schiner, 1868b: 132. TYPE LOCALITY: Australia (NSW) [H in NMW].  
*Comptosia albofasciata* Thomson, 1869: 484 (as “*albo-fasciata*”). TYPE LOCALITY:  
 Australia (NSW) [L designated by Yeates (1991b: 1043) in NHRS].  
*nigroscutellata*, error for *rufoscutellata*.

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW).

**insula**

*Comptosia insula* Yeates, 1991b: 1108. TYPE LOCALITY: Australia (Queensland) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**karinjii**

*Comptosia kuranda* Yeates, 2013: 352. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**kuranda**

*Comptosia kuranda* Yeates, 1991b: 1079. TYPE LOCALITY: Australia (Queensland) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**lactea**

*Comptosia lactea* Yeates, 1991b: 1142. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**mackerrasi**

*Comptosia mackerrasi* Yeates, 1991b: 1114. TYPE LOCALITY: Australia (Queensland) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**magna**

*Comptosia magna* Yeates, 1991b: 1063. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (SA, WA).

**mallota**

*Comptosia mallota* Yeates, 1991b: 1146. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**microrhynchus**

*Comptosia microrhynchus* Yeates, 1991b: 1154. TYPE LOCALITY: Australia (SA) [H in SAMA].

DISTRIBUTION: **Australasian/Oceanian:** Australia (SA, WA).

**miranda**<sup>†</sup>

*Megacosmus mirandus* Cockerell, 1909a: 10. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in UCGC\*].

DISTRIBUTION: **Nearctic:** USA (Colorado) (Oligocene).

**moretonii**

*Comptosia moretonii* Macquart, 1855: 97(77). TYPE LOCALITY: Australia (Queensland) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland), New Zealand [introduced; not established (see Evenhuis, 1987: 7).]

**murina**

*Neuria murina* Newman, 1841: 221. TYPE LOCALITY: Australia (SA) [T in UNKN (see Note 19)].

DISTRIBUTION: **Australasian/Oceanian:** Australia (SA).

**neoapicalis**

*Comptosia neoapicalis* Yeates, 1991b: 1117. TYPE LOCALITY: Australia (NSW) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

**neobiguttata**

*Comptosia neobiguttata* Yeates, 1991b: 1112. TYPE LOCALITY: Australia (NSW) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Queensland).

**neosobria**

*Comptosia neosobria* Yeates, 1991b: 1078. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**nigrescens**

*Neuria nigrescens* Newman, 1841: 221. TYPE LOCALITY: Australia (NSW) [T in UNKN (see Note 19)].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW).

**nitella**

*Comptosia nitella* Yeates, 1991b: 1091. TYPE LOCALITY: Australia (WA) [H in SAMA].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**ocellata**

*Neuria ocellata* Newman, 1841: 221. TYPE LOCALITY: Australia (Queensland) [T in UNKN (see Note 19)].

*Comptosia maculipennis* Macquart, 1846: 244(116). TYPE LOCALITY: “Nouvelle-Holland, terre Van Diemen” [= Australia (Tasmania)] [L designated by Yeates (1991b: 1130) in MNHN\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland, Tasmania).

**paramonovi**

*Comptosia paramonovi* Yeates, 1991b: 1089. TYPE LOCALITY: Australia (SA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (SA, Victoria).

**partita**

*Neuria partita* Newman, 1841: 221. TYPE LOCALITY: Australia (WA) [T in UNKN (see Note 19)].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**paucispina**

*Comptosia paucispina* Yeates, 1991b: 1042. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**pilosa**

*Comptosia pilosa* Yeates, 1991b: 1056. TYPE LOCALITY: Australia (WA) [H in WAMP].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, SA, Victoria, WA).

**pitereka**

*Comptosia pitereka* Yeates, 1991b: 1048. TYPE LOCALITY: Australia (SA) [H in ANIC].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (SA).

**praeargentata**

*Anthrax praeargentatus* Macleay, 1826: 468 (as “*prae-argentatus*”). TYPE LOCALITY: Not given [= Australia] [T (lost) in MAMU].  
*Comptosia aurifrons* Macquart, 1850: 417(113). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [= eastern Australia] [H in MNHN\*].  
*Comptosia edwardsi* Hardy, 1941: 227. TYPE LOCALITY: Australia (Queensland) [S in UNKN].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Queensland).

**pria**<sup>†</sup>

*Comptosia pria* Wedmann & Yeates, 2008: 233. TYPE LOCALITY: Germany (Eocene) [C] [H in SMFD].  
DISTRIBUTION: **Palaeartic:** Germany (Eocene) [C].

**quadripennis**

*Anthrax quadripennis* Walker, 1849: 268. TYPE LOCALITY: “New Holland” [= Australia] [2S in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Queensland, SA, Victoria).

**rubrifera**

*Lygira rubrifera* Bigot, 1881: 23. TYPE LOCALITY: “Australia” [H in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

**sandaraca**

*Comptosia sandaraca* Yeates, 1991b: 1081. TYPE LOCALITY: Australia (WA) [H in WAMP].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**scitula**

*Comptosia scitula* Yeates, 1991b: 1148. TYPE LOCALITY: Australia (Queensland) [H in QM].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**sobria**

*Anthrax sobria* Walker, 1849: 269. TYPE LOCALITY: “New Holland” [= Australia] [H in BMNH\*].  
*Comptosia bicolor* Macquart, 1850: 418(114). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [= eastern Australia] [H in MNHN\*].  
*Anthrax subsenex* Walker, 1857: 144. TYPE LOCALITY: “Australia” [H in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW), PNG (PNG).

**sobicula**

*Anthrax simplex* Macquart, 1847a: 52 [1847c: 68]. TYPE LOCALITY: “Van Diemen’s Land” [?error, = Australia (Queensland) (see Hardy, 1929: 61)] [H in BMNH\*]. [Preoccupied by Wiedemann, 1819].  
*Anthrax sobricula* Walker, 1857: 144. TYPE LOCALITY: “Australia” [H in BMNH\*].  
*Comptosia anthracina* Thomson, 1869: 485. TYPE LOCALITY: Australia (NSW) [H in NHRS].

*Villa prosimplex* Hardy, 1942: 203 (new replacement name for *Anthrax simplex* Macquart, 1847).

*sorbicula*, error for *sobricula*.

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Queensland, Victoria).

#### **soror**

*Comptosia soror* Yeates, 1991b: 1115. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

#### **speciosa**

*Comptosia speciosa* Yeates, 1991b: 1066. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

#### **stria**

*Anthrax fasciata* Fabricius, 1805: 118. TYPE LOCALITY: “Insulis Oceani pacifici” [= Australia (Tasmania) (see Evenhuis, 1988b: 192)] [3S in ZMUC]. [Preoccupied by Meigen, 1804.]

*Anthrax stria* Walker, 1849: 267. TYPE LOCALITY: “New Holland” [= Australia] [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

#### **tendens**

*Anthrax tendens* Walker, 1849: 271. TYPE LOCALITY: Australia (WA) [L designated by Yeates (1991b: 1070) in BMNH\*].

*Comptosia duofasciata* Hull, 1973: 306. TYPE LOCALITY: Not given [= Australia (WA)] [L designated by Yeates (1991b: 1070) in CNC\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

#### **thyris**

*Comptosia thyris* Yeates, 1991b: 1121. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

#### **tutela**

*Comptosia tutela* Yeates, 1991b: 1045. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

#### **vittata**

*Comptosia vittata* Edwards, 1934: 89. TYPE LOCALITY: Australia (Victoria) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, SA, Victoria).

#### **walkeri**

*Comptosia walkeri* Edwards, 1934: 94. TYPE LOCALITY: Not given [= Australia] [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

#### **wilkinsi**

*Comptosia wilkinsi* Edwards, 1934: 94. TYPE LOCALITY: Australia (NT) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT).

**xanthobasis**

*Comptosia xanthobasis* Yeates, 1991b: 1084. TYPE LOCALITY: Australia (WA) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**zona**

*Comptosia zona* Yeates, 1991b: 1119. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

Genus **DODDOSIA** Edwards

**DODDOSIA** Edwards, 1934: 101. Type species: *Doddosia picta* Edwards, 1934, by original designation.

**collessi**

*Doddosia collessi* Yeates, 1990: 78. TYPE LOCALITY: Australia (NT) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT).

**lurida**

*Doddosia lurida* Yeates, 1990: 77. TYPE LOCALITY: Australia (Queensland) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland, SA).

**picta**

*Doddosia picta* Edwards, 1934: 103. TYPE LOCALITY: Australia (Queensland) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, Queensland).

**procax**

*Doddosia procax* Yeates, 1990: 78. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**torresiana**

*Doddosia torresiana* Yeates, 1990: 79. TYPE LOCALITY: Australia (Queensland) [H in MNVA].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

Genus **EDMUNDIELLA** Becker

**EDMUNDIELLA** Becker, 1915b: 347. Type species: *Edmundiella niveifrons* Becker, 1915, by monotypy.

**niveifrons**

*Edmundiella niveifrons* Becker, 1915b: 348. TYPE LOCALITY: Greece [T in UNKN].

DISTRIBUTION: **Palaeartic**: Greece.

Genus **LOMATIA** Meigen

*STYGIA* Meigen, 1820: 137. Type species: *Anthrax belzebul* Fabricius, 1794, by subsequent designation (Westwood, 1840: 131) [Type designation for *Lomatia* Meigen, 1822, with *Stygia* in synonymy]. [Preoccupied by Latreille, 1804.]

**LOMATIA** Meigen, 1822: [Vorrede] [1830: 324] (new replacement name for *Stygia* Meigen, 1820). Type species: *Anthrax belzebul* Fabricius, 1794, by subsequent designation (Westwood, 1840: 131).

*STYGIDE* Latreille, 1825: 491 (new replacement name for *Stygia* Meigen, 1820). [Unavailable; vernacular name without status in nomenclature.]

*STYGIDIUM* Berthold, 1827: 500 (new replacement name for *Stygia* Meigen, 1820). Type species: *Anthrax belzebul* Fabricius, 1794, automatic.

*STYRIDES* Latreille, 1829: 465 (new replacement name for *Stygia* Meigen, 1820). Type species: *Anthrax belzebul* Fabricius, 1794, automatic.

*NETTADION* Gistel, 1848: ix (unjustified new replacement name for *Lomatia* Meigen, 1822). Type species: *Anthrax belzebul* Fabricius, 1794, automatic.

*ANCENTRALIS* Bezzi, 1925: 199. Type species: *Anthrax pictipennis* Wiedemann, 1828, by monotypy. [Unavailable; name proposed in specific synonymy with *Anthrax pictipennis* Wiedemann and not made available before 1961. See Evenhuis (1991b: 18) for details.]

**abbreviata**

*Lomatia abbreviata* Villeneuve, 1911: 2 [1913: 75]. TYPE LOCALITY: Syria [H in KBIN\*].

*Lomatia nigrifacies* Villeneuve, 1911: 2 [1913: 75]. [Unavailable; name proposed in synonymy with *Lomatia abbreviata* Villeneuve and not made available before 1961.]

DISTRIBUTION: **Palaeartic**: Algeria, Greece, Iran, Israel (incl. West Bank), Italy, Morocco, Romania, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan.

**alecto**

*Lomatia alecto* Loew, 1846: 381. TYPE LOCALITY: Turkey [1S in SMNS; 6S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Bulgaria, Czech Republic, Greece, Iran, Italy, Slovakia, Syria, Turkey.

**armeniaca**

*Lomatia armeniaca* Paramonov, 1924c: 46 [1925b: 83 (as *armenica*)]. TYPE LOCALITY: Armenia [13S (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Iran, Russia (SET), Syria, Turkey.

**atropos**

*Lomatia atropos* Egger, 1859: 399. TYPE LOCALITY: Croatia [T (lost?) in NMW].

DISTRIBUTION: **Palaeartic**: Bosnia-Herzegovina, Croatia, Greece, Italy, Macedonia, Slovenia, Yugoslavia.

**bella**

*Lomatia bella* Loew, 1873: 153. TYPE LOCALITY: Tajikistan [3S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Tajikistan, Turkmenistan, Uzbekistan.

**belzebul**

*Anthrax belzebul* Fabricius, 1794: 260. TYPE LOCALITY: "Hungaria" [= Hungary, Romania, or Yugoslavia] [1S in ZMUC].

*Nemotelus fulvilaterus* Pallas in Wiedemann, 1818a: 17. [Unavailable; name proposed in synonymy with *Anthrax belzebul* Fabricius and not made available before 1961.]

*Lomatia belzebul* var. *loewi* Paramonov, 1931b: 142(142). TYPE LOCALITY: Spain & Morocco [S (lost) in SIZK]. [Preoccupied by Bezzi, 1912.]

*Lomatia belzebul* ssp. *paramonovi* Evenhuis, 1978c: 103 (new replacement name for *Lomatia belzebul loewi* Paramonov, 1931).

*belzebub*, error for *belzebul*.

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Azerbaijan, Bosnia-Herzegovina, Croatia, France (incl. Corsica), Greece, Gruzia, Hungary, Iran, Italy (incl. Sicily), Libya, Macedonia, Moldova, Morocco, Poland, Romania, Russia (SET), Slovakia, Slovenia, Spain, Syria, Tunisia, Turkey, Turkmenistan, Ukraine, Yugoslavia.

**comata**

*Lomatia comata* Austen, 1937: 106. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel.

**conspicabilis**

*Lomatia conspicabilis* Austen, 1937: 98. TYPE LOCALITY: Israel [3S in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel (incl. West Bank).

**erynnis**

*Lomatia erynnis* Loew, 1869b: 137. TYPE LOCALITY: "Ungarn" [= Hungary] & "Dalmatien" [= Croatia] [7S in ZMHB\*].

*Lomatia erinnys* Kertész, 1909: 83 (unjustified emendation of *Lomatia erynnis* Loew, 1869).

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, France, Greece (incl. Lesbos, Zakynthos), Gruzia, Hungary, Italy, Macedonia, Moldova, Morocco, Romania, Russia (SET), Slovakia, Slovenia, Spain, Tunisia, Turkey, Turkmenistan, Ukraine, Yugoslavia.

**fasciculata**

*Lomatia fasciculata* Loew, 1869b: 129. TYPE LOCALITY: "Smyrna" [= Turkey] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Italy, Turkey, Yugoslavia.

**flavitibia**

*Lomatia flavitibia* Zaitzev, 1966b: 211. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia.

**fuscipennis**

*Lomatia fuscipennis* Portschinsky, 1887: 182. TYPE LOCALITY: "Amur" [= Russia (FE)] [L designated by Zaitzev & Kandybina (1983: 21) in ZIS].

DISTRIBUTION: **Palaeartic**: Korea, Russia (FE).

**grajugenea**

*Lomatia grajugenea* Loew, 1869b: 130. TYPE LOCALITY: Greece [4S in NMW\*; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Greece, Italy, Macedonia, Romania, Turkey, Yugoslavia.



**gratiosa**

*Lomatia gratiosa* Loew, 1869b: 127. TYPE LOCALITY: “Andalusien” [= Spain] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Italy, Spain.

**hamata**

*Lomatia hamata* Austen, 1937: 103. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel.

**hamifera**

*Lomatia hamifera* Becker, 1915a: 321. TYPE LOCALITY: Tunisia [5S (destroyed) in HNHM; 2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Algeria, Tunisia.

**hecate**

*Lomatia hecate* Meigen, 1830: 324. TYPE LOCALITY: Italy [S in ?MZLU].

DISTRIBUTION: **Palaeartic**: Italy.

**innominata**

*Lomatia innominata* Austen, 1937: 104. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel.

**lachesis**

*Stygia limbata* Megerle in Meigen, 1820: 140. [Unavailable; name proposed in synonymy with *Stygia lateralis* Meigen and not made available before 1961.]

*Lomatia lachesis* Egger, 1859: 399. TYPE LOCALITY: Austria & Hungary [1S in NMW\*; 4S in ZMHB\*].

*Lomatia graeca* Paramonov, 1928b: 507(203). TYPE LOCALITY: Greece [H (destroyed) in ZMUH (see Note 6)].

*Lomatia graeca* var. *erinnoides* Paramonov, 1928b: 507(203). TYPE LOCALITY: Greece [H (destroyed) in ZMUH (see Note 6)].

DISTRIBUTION: **Palaeartic**: Albania, Algeria, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, France, Greece, Gruzia, Hungary, Iran, Italy, Macedonia, Moldova, Morocco, Poland, Romania, Russia (SET), Slovenia, Spain, Switzerland, Syria, Tunisia, Turkey, Ukraine, Yugoslavia.

**lateralis**

*Stygia lateralis* Meigen, 1820: 140. TYPE LOCALITY: “In der Gegend von Neuwied” [= Germany] [T in UNKN (originally in Baumhauer Collection; see Pont, 1986: 202)].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, France, Germany, Greece, Gruzia, Hungary, Iran, Italy, Libya, Macedonia, Moldova, Morocco, Poland, Romania, Russia (SET), Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkmenistan, Ukraine, Yugoslavia.

**lepida**

*Lomatia lepida* Austen, 1937: 101. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel.

**meridiana**

*Lomatia polyzona* var. *meridiana* Paramonov, 1925d: 98. TYPE LOCALITY: Armenia [S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia.

**montana**

*Lomatia montana* Paramonov, 1924c: 45 [1925d: 98]. TYPE LOCALITY: Armenia [S in ASAY; S (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia.

**multifasciata**

*Lomatia multifasciata* Austen, 1937: 97. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel.

**obscuripennis**

*Lomatia obscuripennis* Loew, 1869b: 141. TYPE LOCALITY: “Andalusien” [= Spain] [3S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Algeria, Greece, Italy, Macedonia, Morocco, Spain, Syria, Yugoslavia.

**pallida**

*Lomatia pallida* Tsacas, 1962: 292. TYPE LOCALITY: Greece [H in MNHN].

DISTRIBUTION: **Palaeartic**: Greece, Italy.

**persica**

*Lomatia persica* Paramonov, 1924c: 41 [1925d: 96]. TYPE LOCALITY: Iran [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Iran, Turkey.

**polyzona**

*Lomatia polyzona* Loew, 1869b: 151. TYPE LOCALITY: Greece (Rhodes) & “Südküste Kleinasiens” [= Greece, Syria, or Turkey] [10S in ZMHB\*].

*polyzona*, error for *polyzona*.

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Azerbaijan, Greece (incl. Crete, Lesbos, Rhodes), Gruzia, Iran, Italy (incl. Sicily), Macedonia, Romania, Syria, Turkey, Yugoslavia.

**rogenhoferi**

*Lomatia rogenhoferi* Nowicki, 1868: 346. TYPE LOCALITY: Ukraine [1S in NMW\*].

*Lomatia rogenhoferi* var. *caspica* Paramonov, 1926d: 178. TYPE LOCALITY: Iran [L designated by Zaitzev & Kandybina (1983: 16) in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Greece, Gruzia, Hungary, Iran, Italy, Macedonia, Moldova, Poland, Romania, Russia (SET), Tajikistan, Turkey, Turkmenistan, Ukraine, Yugoslavia.

**sabaea**

*Nemotelvs vndecimvs* Schaeffer, 1766: pl. 94, fig. 3. [Unavailable; name proposed in a non-binominal work.]

*Bibio sabaea* Fabricius, 1781: 416. TYPE LOCALITY: “Hispania” [= Spain] [1S (destroyed) in ZMUC].

DISTRIBUTION: **Palaeartic**: Albania, Algeria, Austria, Bulgaria, Croatia, Czech Republic, France, Greece (incl. Ithaca, Zakynthos), Hungary, Italy (incl. Sicily), Macedonia, Poland, Romania, Slovakia, Spain, Tunisia, Turkey, Yugoslavia.

**shelkovnikovi**

*Lomatia shelkovnikovi* Paramonov, 1924c: 43 [1925d: 96]. TYPE LOCALITY: Armenia & Azerbaijan [5S (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Iran.

**superba**

*Lomatia superba* Loew, 1869a: 383. TYPE LOCALITY: Turkey [H in ZMHB\*].  
DISTRIBUTION: **Palaeartic**: Iran, Turkey.

**taurica**

*Lomatia taurica* Paramonov, 1925b: 79 [1925d: 97]. TYPE LOCALITY: Russia (SET) [13S in SIZK].

*Lomatia taurica* var. *completa* Paramonov, 1925b: 80 [1925d: 97]. TYPE LOCALITY: Russia (SET) [S (lost) in SIZK].

*Lomatia taurica* var. *incompleta* Paramonov, 1928b: 509(205) (unjustified emendation of *completa* Paramonov, 1925b). [Preoccupied by Paramonov, 1925.]  
DISTRIBUTION: **Palaeartic**: Russia (SET).

**tibialis**

*Lomatia tibialis* Loew, 1873: 152. TYPE LOCALITY: Tajikistan [H in ZMHB\*].  
DISTRIBUTION: **Palaeartic**: Kyrgyz Republic, Tajikistan.

**tysiphone**

*Lomatia tysiphone* Loew in Schiner, 1860b: 47 [1869b: 147]. TYPE LOCALITY: Not given [= Spain (see Loew, 1869b: 148)] [Name originally proposed in synonymy with *Lomatia lachesis* Egger; validated in Loew (1869b: 147)] [L designated by Evenhuis & Greathead (1999: 666) in ZMHB\*].

*Lomatia infernalis* Schiner, 1868b: 128. TYPE LOCALITY: Syria & Gibraltar [3S in NMW\*].

*Lomatia infernalis* Loew, 1869b: 144. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] & “Balkan” & “Ungarn” [= Hungary] [18S in ZMHB\*]. [Preoccupied by Schiner, 1868.]

*Lomatia tisiphone* Kertész, 1909: 83 (unjustified emendation of *Lomatia tysiphone* Loew, 1860).

DISTRIBUTION: **Palaeartic**: Albania, Algeria, Armenia, Azerbaijan, Bulgaria, France, Gibraltar, Greece (incl. Ithaca, Zakynthos), Gruzia, Hungary, Israel, Italy (incl. Sicily), Libya, Macedonia, Moldova, Romania, Russia (SET), Spain, Syria, Turkey, Turkmenistan, Ukraine, Yugoslavia.

**variegata**

*Lomatia variegata* Paramonov, 1925b: 80 [1925d: 97]. TYPE LOCALITY: Russia (SET) [64S (lost) in SIZK].

*Lomatia variegata* var. *incompleta* Paramonov, 1925b: 80. TYPE LOCALITY: Russia (SET) [S (lost) in SIZK].

*Lomatia variegata* var. *completa* Paramonov, 1925d: 99. TYPE LOCALITY: Russia (SET) [S (lost) in SIZK]. [Preoccupied by Paramonov, 1925b.]

*Lomatia variegata* var. *compilenta* Paramonov, 1926f: 183 (unjustified emendation of *completa* Paramonov, 1925d).  
DISTRIBUTION: **Palaeartic**: Moldova, Russia (SET), Ukraine.

Genus **MACROCONDYLA** Rondani

**MACROCONDYLA** Rondani, 1863: 54, 55 [1864: 54, 55]. Type species: *Macrocondyla pictinervis* Rondani, 1863, by original designation.

**ULOSOMETA** Hull, 1973: 359. Type species: *Ulosometa falcata* Hull, 1973 [= *Exoprosopa flavinevris* Macquart, 1846], by original designation.

**ULOSOMA**, incorrect original spelling of *Ulosometa* (Hull, 1973: 62).

Subgenus **LYOPHLEA** Rondani

**LYOPHLEA** Rondani, 1863: 54, 55 [1864: 54, 55] (as genus). Type species: *Lyophleae lugubris* Rondani, 1863, by original designation.

**TRITONEURA** Schiner, 1868a: 312 [1868b: 133] (as genus). Type species: *Comptosia lugubris* Philippi, 1865 [preoccupied, = *Lyophleae lugubris* Rondani, 1863], by original designation.

**LIOPHLEA** Bezzi, 1924a: 4 (as genus; unjustified emendation of *Lyophleae* Rondani, 1863). Type species: *Lyophleae lugubris* Rondani, 1863, automatic.

**COMPSELLA** Hull, 1973: 354 (as subgenus of *Lyophleae* Rondani). Type species: *Macrocondyla transandina* Edwards, 1834, by original designation.

**albopilosa**

*Lyophleae albopilosa* Hall, 1976a: 136. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**amegiston**

*Lyophleae amegiston* Hall, 1973: 154. TYPE LOCALITY: Argentina [H in CAS].

DISTRIBUTION: **Neotropical**: Argentina.

**argentinae**

*Lyophleae argentinae* Paramonov, 1940b: 31. TYPE LOCALITY: Argentina [5S in ZSMC].

DISTRIBUTION: **Neotropical**: Argentina.

**bifasciata**

*Comptosia bifasciata* Macquart, 1850: 418(114). TYPE LOCALITY: Chile [L designated by Evenhuis & Greathead (1999: 662) in MNHN\*].

*Lyophleae parbifasciata* Paramonov, 1940b: 30. TYPE LOCALITY: Chile [S in BMNH].

DISTRIBUTION: **Neotropical**: Chile.

**boliviana**

*Lyophleae boliviana* Paramonov, 1931b: 32(32). TYPE LOCALITY: Bolivia [H (destroyed) in ZMUH (see Note 6)].

DISTRIBUTION: **Neotropical**: Bolivia.

**brachyglossa**

*Lyophleae brachyglossa* Hall, 1976a: 140. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**chorista**

*Lyophleae chorista* Hall, 1973: 149. TYPE LOCALITY: Argentina [H in USNM\*].

DISTRIBUTION: **Neotropical**: Argentina.

**consobrina**

*Comptosia consobrina* Philippi, 1865: 676. TYPE LOCALITY: Chile [N designated by Hall (1976a: 143) in MEUC\*].

*Lyophleae blanchardi* Paramonov, 1931b: 30(30). TYPE LOCALITY: Chile [H (lost?) in MNHN].

DISTRIBUTION: **Neotropical**: Chile.

**flavopilosa**

*Lyophleae flavopilosa* Hall, 1976a: 152. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**hypoxantha**

*Lyophlaeba hypoxantha* Hall, 1973: 152. TYPE LOCALITY: Argentina [H in USNM\*].  
DISTRIBUTION: **Neotropical**: Argentina.

**koslowskyi**

*Ligyra koslowskyi* Edwards, 1930: 171. TYPE LOCALITY: Argentina [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Argentina, Chile.

**landbecki**

*Comptosia landbecki* Philippi, 1865: 677. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].  
*Lyophlaeba chilensis* Paramonov, 1931b: 34(34). TYPE LOCALITY: Chile [H in DEI\*].  
*Lyophlaeba edwardsi* Paramonov, 1948: 134. TYPE LOCALITY: Chile [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Chile.

**lugubris**

*Lyophlaeba lugubris* Rondani, 1863: 55 [1864: 55]. TYPE LOCALITY: Chile [H in MZUN].  
*Comptosia lugubris* Philippi, 1865: 678. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)]. [Preoccupied by Rondani, 1863.]  
DISTRIBUTION: **Neotropical**: Chile.

**melanothrix**

*Lyophlaeba melanothrix* Hall, 1973: 153. TYPE LOCALITY: Argentina [H in CAS\*].  
DISTRIBUTION: **Neotropical**: Argentina.

**minuta**

*Lyophlaeba minuta* Paramonov, 1931b: 38(38). TYPE LOCALITY: Chile [H (destroyed) in ZMUH (see Note 6)].  
DISTRIBUTION: **Neotropical**: Chile.

**pallipennis**

*Lyophlaeba pallipennis* Paramonov, 1940b: 34. TYPE LOCALITY: Chile [H in ZSMC].  
DISTRIBUTION: **Neotropical**: Chile.

**penai**

*Lyophlaeba penai* Hall, 1976a: 154. TYPE LOCALITY: Chile [H in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

**peridema**

*Lyophlaeba peridema* Hall, 1973: 151. TYPE LOCALITY: Argentina [H in USNM\*].  
DISTRIBUTION: **Neotropical**: Argentina.

**philippii**

*Lyophlaeba philippii* Paramonov, 1931b: 30(30). TYPE LOCALITY: Chile [N designated by Hall (1976a: 148) in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

**setosa**

*Lyophlaeba setosa* Paramonov, 1940b: 32. TYPE LOCALITY: Chile [H in ZSMC].  
DISTRIBUTION: **Neotropical**: Chile.

**transandina**

*Macrocondyla transandina* Edwards, 1934: 105. TYPE LOCALITY: Argentina [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Argentina, Uruguay.

Subgenus **MACROCONDYLA** Rondani

**bigoti**

*Macrocondyla bigoti* Edwards, 1934: 109. TYPE LOCALITY: Chile [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Chile.

**canescens**

*Comptosia canescens* Philippi, 1865: 678. TYPE LOCALITY: Chile [N designated by Hall (1976a: 159) in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

**flavinevris**

*Exoprosope flavinevris* Macquart, 1846: 237(109). TYPE LOCALITY: “Colombie” [= Colombia, Ecuador, or Venezuela] [L designated by Painter & Painter (1974: 102) in MNHN\*].

*Ulosometa falcata* Hull, 1973: 360. TYPE LOCALITY: Argentina [2S in USNM\*].  
*flavinevris*, error for *flavinevris*.  
DISTRIBUTION: **Neotropical**: Argentina, Brazil (Minas Gerais), Colombia.

**haywardi**

*Macrocondyla haywardi* Edwards, 1934: 106. TYPE LOCALITY: Argentina [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Argentina.

**hyalinipennis**

*Lyophlaeba hyalinipennis* Hall, 1976a: 161. TYPE LOCALITY: Chile [H in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

**infumata**

*Comptosia infumata* Philippi, 1865: 678. TYPE LOCALITY: Chile [N designated by Hall (1976a: 164) in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

**manca**

*Macrocondyla manca* Edwards, 1934: 107. TYPE LOCALITY: Not given [= Chile] [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Chile.

**montana**

*Comptosia montana* Philippi, 1865: 677. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)]  
DISTRIBUTION: **Neotropical**: Chile.

**pictinervis**

*Macrocondyla pictinervis* Rondani, 1863: 56 [1864: 53]. TYPE LOCALITY: Chile [H in MZUN].  
*Comptosia vulgaris* Philippi, 1865: 677. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].  
DISTRIBUTION: **Neotropical**: Chile.

Genus **NOTOLOMATIA** Greethead

**NOTOLOMATIA** Greethead, 1998: 219. Type species: *Lomatia inornata* Loew, 1854, by original designation.

**albata**

*Lomatia albata* Hesse, 1936: 172. TYPE LOCALITY: Botswana [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Zimbabwe.

**albicincta**

*Lomatia albicincta* Hesse, 1956a: 287. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**albicoma**

*Lomatia albicoma* Hesse, 1956a: 246. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**albizonata**

*Lomatia albizonata* Hesse, 1956a: 294. TYPE LOCALITY: South Africa (Western Cape) [2S in NMSA\*; 1S in BPBM\*; 12S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**albulata**

*Lomatia albulata* Hesse, 1956a: 271. TYPE LOCALITY: South Africa (Gauteng) [2S in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**apicalis**

*Lomatia apicalis* Hesse, 1956a: 220. TYPE LOCALITY: “Zimbabwe” [2S in SAMC; 1S in DMSA].

DISTRIBUTION: **Afrotropical**: Botswana, Zimbabwe.

**arenaria**

*Lomatia arenaria* Hesse, 1956a: 297. TYPE LOCALITY: South Africa (Western Cape) [19S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**asaphodesma**

*Lomatia asaphodesma* Hesse, 1955: 394. TYPE LOCALITY: South Africa (KwaZulu-Natal) [5S in BMNH\*; 1S in MZLU].

DISTRIBUTION: **Afrotropical**: Lesotho, South Africa (KwaZulu-Natal), Swaziland.

**atrella**

*Lomatia atrella* Hesse, 1956a: 299. TYPE LOCALITY: South Africa (Eastern Cape) [8S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**basutoensis**

*Lomatia basutoensis* Hesse, 1956a: 239. TYPE LOCALITY: “Basutoland” [= Lesotho] [1S in DMSA; 1S in SAMC].

DISTRIBUTION: **Afrotropical**: Lesotho.

**bembesiana**

*Lomatia bembesiana* Hesse, 1956a: 273. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**berzeliaphila**

*Lomatia berzeliaphila* Hesse, 1956a: 264. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**bevisii**

*Lomatia bevisii* Hesse, 1956a: 220. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**brunnitincta**

*Lomatia brunnitincta* Hesse, 1956a: 210. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**canescens**

*Lomatia canescens* Hesse, 1956a: 272. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**centralis**

*Anisotamia centralis* Macquart, 1840: 82 [1841: 360]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**chraeoptera**

*Lomatia chraeoptera* Hesse, 1956a: 226. TYPE LOCALITY: South Africa (KwaZulu-Natal) [6S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**cinereola**

*Lomatia cinereola* Hesse, 1956a: 304. TYPE LOCALITY: South Africa (Western Cape) [2S in NMSA\*; 1S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**citraria**

*Lomatia citraria* Hesse, 1955: 396. TYPE LOCALITY: “Basutoland” [= Lesotho] [8S in SAMC; 2S in MZLU].

DISTRIBUTION: **Afrotropical**: Lesotho, South Africa (Eastern Cape, Free State).

**compsocoma**

*Lomatia compsocoma* Hesse, 1956a: 292. TYPE LOCALITY: South Africa (Northern Cape) [19S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Gauteng, Northern Cape).

**conicera**

*Lomatia conicera* Hesse, 1956a: 255. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).



**conocephala**

*Anthrax conocephala* Macquart, 1840: 62 [1841: 340]. TYPE LOCALITY: “Du cap de Bonne-Espérance” [= South Africa (Western Cape)] [T in UNKN (originally in Serville Collection)].

DISTRIBUTION: **Afrotropical**: Lesotho, South Africa (Western Cape), Swaziland.

**conostoma**

*Lomatia conostoma* Hesse, 1956a: 307. TYPE LOCALITY: South Africa (Western Cape) [2S in NMSA\*; 1S in BPBM\*; 33S in SAMC\*; 1S in BMNH\*; 1S in AMGS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**consors**

*Lomatia consors* Hesse, 1956a: 291. TYPE LOCALITY: “Basutoland” [= Lesotho] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Lesotho, South Africa (Eastern Cape, Western Cape).

**crossodesma**

*Lomatia crossodesma* Hesse, 1956a: 245. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**desmophora**

*Lomatia desmophora* Hesse, 1956a: 262. TYPE LOCALITY: South Africa (Western Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**dimidiata**

*Lomatia dimidiata* Hesse, 1956a: 185. TYPE LOCALITY: South Africa (Eastern Cape) [5S in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**eremia**

*Lomatia eremia* Hesse, 1956a: 303. TYPE LOCALITY: South Africa (Western Cape) [5S in SAMC\*; 1S in BPBM\*; 2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**flavifrons**

*Lomatia flavifrons* Hesse, 1956a: 266. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**fucatiennis**

*Lomatia fucatiennis* Hesse, 1956a: 211. TYPE LOCALITY: South Africa (North-West Province) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (North-West Province).

**fulva**

*Lomatia fulva* Hesse, 1956a: 222. TYPE LOCALITY: South Africa (Western Cape) [3S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**fulvipleura**

*Lomatia fulvipleura* Hesse, 1956a: 301. TYPE LOCALITY: South Africa (Western Cape) [43S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**gigantea**

*Lomatia gigantea* Bezzi, 1912: 614. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**glaucciella**

*Lomatia glaucciella* Hesse, 1956a: 240. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**gracilior**

*Lomatia gracilior* Greathead, 1980b: 313. TYPE LOCALITY: Yemen [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen.

**grahami**

*Lomatia grahami* Hesse, 1956a: 232. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**grisealis**

*Lomatia grisealis* Hesse, 1956a: 244. TYPE LOCALITY: South Africa (Eastern Cape) [3S in NMSA\*; 1S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**halteralis**

*Lomatia halteralis* Hesse, 1958: 72. TYPE LOCALITY: Congo [H in MRAC].

DISTRIBUTION: **Afrotropical**: Congo.

**hemichroa**

*Lomatia hemichroa* Hesse, 1956a: 228. TYPE LOCALITY: South Africa (“without doubt also from the Transvaal”) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (“Transvaal”).

**heterocoma**

*Lomatia heterocoma* Hesse, 1956a: 186. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal), Tanzania, Zimbabwe.

**hylesina**

*Lomatia hylesina* Hesse, 1956a: 265. TYPE LOCALITY: South Africa (Western Cape) [3S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**inornata**

*Lomatia inornata* Loew, 1854: 2. TYPE LOCALITY: “Siemen” [= Ethiopia] [8S in ZMHB\*; 1S in NHRS].

*Anthrax nilotica* Jaenicke, 1867b: 337 [1868: 29]. TYPE LOCALITY: “Abyssinia” [= Ethiopia] [4S in SMFD].

DISTRIBUTION: **Afrotropical**: Ethiopia.

**jansei**

*Lomatia jansei* Hesse, 1956a: 277. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**kalaharica**

*Lomatia kalaharica* Hesse, 1956a: 285. TYPE LOCALITY: “Bechuanaland” [= Botswana] [2S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana.

**kaokoana**

*Lomatia kaokoana* Hesse, 1956a: 236. TYPE LOCALITY: “South-west Africa” [= Namibia] [5S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**latifrons**

*Lomatia latifrons* Hesse, 1956a: 191. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**latiuscula**

*Lomatia latiuscula* Loew, 1860a: 88 [1860b: 280; 1860c: 208]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [L designated by Evenhuis & Greathead (1999: 666) in ZMHB\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**lawrencei**

*Lomatia lawrencei* Hesse, 1956a: 206. TYPE LOCALITY: Swaziland [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Mpumalanga), Swaziland.

**leucochlaena**

*Lomatia leucochlaena* Hesse, 1956a: 270. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**leucophasia**

*Lomatia leucophasia* Hesse, 1956a: 192. TYPE LOCALITY: “South-West Africa” [= Namibia] [6S in SAMC; 1S in BPBM\*; 2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**leucophys**

*Dischistus leucophys* Bigot, 1892: 368. TYPE LOCALITY: “Cap de bonne-Espérance” [= South Africa (Western Cape)] [H in BMNH\*].

*Lomatia oreoica* Hesse, 1956a: 278. TYPE LOCALITY: South Africa (Western Cape) [9S in SAMC; 1S in BMNH\*; 1S in DMSA; 1S in AMGS].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**leucopsis**

*Lomatia leucopsis* Hesse, 1956a: 283. TYPE LOCALITY: South Africa (Mpumalanga) [1S in NMSA\*; 1S in BPBM\*; 10S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Mpumalanga), Swaziland.

**liturata**

*Lomatia liturata* Loew, 1860a: 88 [1860b: 277; 1860c: 205]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [4S in ZMHB\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**loewi**

*Lomatia inornata* Loew, 1860a: 89 [1860b: 281; 1860c: 209]. TYPE LOCALITY: “Nolagi” [= Namibia (see Hesse, 1956a: 191)] [H in UNKN]. [Preoccupied by Loew, 1854.]

*Lomatia loewi* Bezzi, 1912: 614 (new replacement name for *Lomatia inornata* Loew, 1860).

DISTRIBUTION: **Afrotropical**: Namibia.

**longitudinalis**

*Lomatia longitudinalis* Loew, 1860a: 87 [1860b: 276; 1860c: 204]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**marleyi**

*Lomatia marleyi* Hesse, 1956a: 203. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**matabeleensis**

*Lomatia matabeleensis* Hesse, 1956a: 188. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**melampogon**

*Lomatia melampogon* Loew, 1860a: 88 [1860b: 279; 1860c: 207]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: ?Kenya, ?Malawi, South Africa (Eastern Cape).

**melanoloma**

*Lomatia melanoloma* Hesse, 1956a: 196. TYPE LOCALITY: South Africa (Northern Cape) [13S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**melanthia**

*Lomatia melanthia* Hesse, 1956a: 194. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in NMBZ].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**melanura**

*Dischistus melanura* Bigot, 1892: 369. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

*Lomatia infuscata* Bezzi, 1921a: 114. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**mesoleuca**

*Lomatia mesoleuca* Hesse, 1956a: 217. TYPE LOCALITY: South Africa (Northern Cape) [10S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**mitis**

*Lomatia mitis* Loew, 1860a: 89 [1860b: 281; 1860c: 209]. TYPE LOCALITY: “Nolagi” [= Namibia (see Hesse, 1956a: 190)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia.

**mollivestis**

*Lomatia mollivestis* Hesse, 1956a: 234. TYPE LOCALITY: South Africa (North-West Province) [1S in NMBZ; 3S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (North-West Province).

**monticola**

*Lomatia monticola* Hesse, 1956a: 223. TYPE LOCALITY: South Africa (Western Cape) [1S in MZLU; 1S in BMNH\*; 1S in BPBM\*; 60S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**mozambica**

*Lomatia mozambica* Hesse, 1956a: 269. TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [2S in SAMC; 1S in CPMM].

DISTRIBUTION: **Afrotropical**: Mozambique.

**namaqua**

*Lomatia namaqua* Hesse, 1956a: 306. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**natalicola**

*Lomatia natalicola* Hesse, 1956a: 208. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**nigrescens**

*Lomatia nigrescens* Ricardo, 1901: 92. TYPE LOCALITY: South Africa (Gauteng) [H in BMNH\*].

*Lomatia nigrescens* var. *aterrima* Hesse, 1956a: 290. TYPE LOCALITY: South Africa (Mpumalanga) [4S in SAMC; 1S in NMSA\*].

*Lomatia nigrescens* var. *bulawayoensis* Hesse, 1956a: 290. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Malawi, South Africa (Gauteng, Mpumalanga), Zimbabwe.

**nigricephala**

*Lomatia nigricephala* Greathead, 1967: 235. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea.

**nivosa**

*Lomatia nivosa* Hesse, 1956a: 238. TYPE LOCALITY: South Africa (Eastern Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**oreophila**

*Lomatia oreophila* Hesse, 1956a: 251. TYPE LOCALITY: “Basutoland” [= Lesotho] [19S in SAMC\*; 2S in DMSA; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: Lesotho, South Africa (KwaZulu-Natal).

**ovamboensis**

*Lomatia ovamboensis* Hesse, 1956a: 194. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**pedunculata**

*Lomatia pedunculata* Hesse, 1956a: 258. TYPE LOCALITY: “Basutoland” [= Lesotho] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Lesotho.

**phaenostigma**

*Lomatia phaenostigma* Hesse, 1956a: 215. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**pictipennis**

*Anthrax pictipennis* Wiedemann, 1828: 302. TYPE LOCALITY: “Vom Kap” [= South Africa (Western Cape)] [1S in NMW\*; 3S in ZMHB\*].

*Anthrax aurata* Macquart, 1846: 239(111). TYPE LOCALITY: “Cafrerie” [= South Africa (Eastern Cape)] [T in UNKN (originally in Delegorgue Collection)].

*Lomatia fasciolaris* Walker, 1857: 144. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Namibia, South Africa (Eastern Cape, Free State, KwaZulu-Natal, Mpumalanga, Western Cape), Swaziland, Zimbabwe.

**plocamoleuca**

*Lomatia plocamoleuca* Hesse, 1956a: 296. TYPE LOCALITY: South Africa (Eastern Cape) [1S in NMSA\*; 12S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**pseudofasciata**

*Lomatia pseudofasciata* Hesse, 1956a: 229. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [4S in NMSA\*; 2S in SAMC].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**pterosticta**

*Lomatia pterosticta* Hesse, 1956a: 199. TYPE LOCALITY: South Africa (Northern Cape) [2S in BMNH\*; 1S in BPBM\*; 32S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**pulchriceps**

*Lomatia pulchriceps* Loew, 1860a: 88 [1860b: 278; 1860c: 206]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [3S in ZMHB\*; 1S in NHRS].

*Lomatia pulchriceps* var. *lingnau* Hesse, 1956a: 276. TYPE LOCALITY: South Africa (Gauteng) [L designated by Evenhuis & Greathead (1999: 666) in DEI\*].

*Lomatia pulchriceps* var. *ogilviei* Hesse, 1956a: 276. TYPE LOCALITY: “Basutoland” [= Lesotho] [H in SAMC].

*Lomatia pulchriceps* var. *tinctella* Hesse, 1956a: 276. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Angola, Botswana, Lesotho, South Africa (Eastern Cape, Free State, Gauteng, KwaZulu-Natal, Mpumalanga, Western Cape), Swaziland, Zimbabwe.

**punctifrons**

*Lomatia punctifrons* Bezzi, 1924a: 146. TYPE LOCALITY: “Nyasaland” [= Malawi] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Tanzania.

**purpuripennis**

*Lomatia purpuripennis* Hesse, 1958: 74. TYPE LOCALITY: Congo [H in MRAC].

DISTRIBUTION: **Afrotropical**: Congo.

**rufa**

*Anthrax rufa* Wiedemann, 1818b: 41. TYPE LOCALITY: “Vom Kap” [= South Africa (Western Cape)] [T in UNKN].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**salticola**

*Lomatia salticola* Hesse, 1956a: 248. TYPE LOCALITY: South Africa (Western Cape) [6S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**semiclara**

*Lomatia semiclara* Hesse, 1956a: 229. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**septoptera**

*Lomatia septoptera* Hesse, 1956a: 254. TYPE LOCALITY: South Africa (Free State) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Free State).

**sericosoma**

*Lomatia sericosoma* Hesse, 1956a: 225. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**simplex**

*Anthrax simplex* Wiedemann, 1819a: 11. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [2S in ZMHB\*; 1S in NMW\*].

*Lomatia albifrons* Bigot in Bezzi, 1921a: 114 [*in* Hesse, 1956a: 280]. [Unavailable; name proposed in synonymy with *Anthrax simplex* Wiedemann and not made available before 1961.]

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**sinuosa**

*Lomatia sinuosa* Hesse, 1956a: 205. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**spiloptera**

*Lomatia spiloptera* Bezzi, 1924a: 148. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: ?Congo, Malawi.

**stenometopa**

*Lomatia stenometopa* Hesse, 1956a: 257. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**stenoptera**

*Lomatia stenoptera* Hesse, 1956a: 259. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**subcaliga**

*Lomatia subcaliga* Hesse, 1956a: 198. TYPE LOCALITY: "Southern Rhodesia" [= Zimbabwe] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, Zimbabwe.

**tenera**

*Lomatia tenera* Loew, 1860a: 88 [1860b: 280; 1860c: 208]. TYPE LOCALITY: "Caf-fraria" [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**thysanomela**

*Lomatia thysanomela* Hesse, 1956a: 261. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**uniplaga**

*Lomatia uniplaga* Hesse, 1956a: 202. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**vicinalis**

*Lomatia vicinalis* Hesse, 1956a: 249. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

Genus **OGCODOCERA** Macquart

**OGCODOCERA** Macquart, 1840: 83 [1841: 361]. Type species: *Ogcodocera dimidiata* Macquart, 1840 [= *Mulio leucoprocta* Wiedemann, 1828], by monotypy

**ONCODEOCERA** Agassiz, 1846b: 257, 259 (unjustified emendation of *Ogcodocera* Macquart, 1840). Type species: *Ogcodocera dimidiata* Macquart, 1840 [= *Mulio leucoprocta* Wiedemann, 1828], automatic.

**ONCODOCERA** Verrall in Scudder, 1882: 233 (unjustified emendation of *Ogcodocera* Macquart, 1840). Type species: *Ogcodocera dimidiata* Macquart, 1840 [= *Mulio leucoprocta* Wiedemann, 1828], automatic.

**ONCODOCERA** Bigot, 1892: 334 (unjustified emendation of *Ogcodocera* Macquart, 1840). Type species: *Ogcodocera dimidiata* Macquart, 1840 [= *Mulio leucoprocta* Wiedemann, 1828], automatic.

**analis**

*Oncodocera analis* Williston, 1901: 283. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 59) in BMNH\*].

DISTRIBUTION: **Neartic**: Mexico (Coahuila, Guerrero, Morelos), USA (Arizona, Texas). **Neotropical**: Mexico (Oaxaca).

**leucoprocta**

*Mulio leucoprocta* Wiedemann, 1828: 330. TYPE LOCALITY: "Vaterland?" [= Neartic] [T in UNKN].



*Anthrax terminalis* Wiedemann, 1830: 639. TYPE LOCALITY: “Mexiko” [?error, = USA (Georgia) (see Painter & Painter, 1962: 63–64)] [2S in ZMHB\*].

*Ogcodocera dimidiata* Macquart, 1840: 84 [1841: 362]. TYPE LOCALITY: “Amérique septentrionale” [probably = USA] [T in UNKN (originally in Serville Collection)].

*Anthrax leucotelus* Walker, 1852: 175. TYPE LOCALITY: Not given [= Nearctic] [H in BMNH\*].

DISTRIBUTION: **Nearctic:** Canada (Quebec), Mexico (Guerrero, Jalisco, Michoacán de Ocampo, Morelos, Sinaloa, Sonora), USA (Arkansas, Connecticut, Florida, Georgia, Iowa, Kansas, Maryland, Massachusetts, Michigan, New Jersey, New York, North Carolina, Pennsylvania, Virginia). **Neotropical:** Mexico (Oaxaca).

#### Genus **ONCODOSIA** Edwards

**ONCODOSIA** Edwards, 1934: 101. Type species: *Anthrax patula* Walker, 1849, by original designation

##### **ampla**

*Anthrax ampla* Walker, 1852: 185. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

##### **patula**

*Anthrax patula* Walker, 1849: 273. TYPE LOCALITY: Australia (WA) [L designated by Yeates (1988: 511) in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (SA, Victoria, WA).

##### **plana**

*Anthrax plana* Walker, 1849: 272. TYPE LOCALITY: Australia (WA) [L designated by Yeates (1988: 515) in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

##### **triangularis**

*Oncodosia triangularis* Yeates, 1988: 516. TYPE LOCALITY: Australia (Victoria) [H in MVMA].

DISTRIBUTION: **Australasian/Oceanian:** Australia (SA, Victoria, WA).

#### Genus **YLASOIA** Speiser

**YLASOIA** Speiser, 1920: 213. Type species: *Anthrax pegasus* Wiedemann, 1828, by original designation.

##### **pegasus**

*Anthrax pegasus* Wiedemann, 1828: 298. TYPE LOCALITY: “Brasilien” [= Brazil] [1S in NMW; 2S in ZMHB\*].

*Anthrax abbreviata* Wiedemann, 1830: 637. TYPE LOCALITY: “Mexiko” [error, = Brazil] [H in ZMHB\*].

*Lomatia caloptera* Macquart, 1834: 412. TYPE LOCALITY: “Brésil” [H in BMNH\*].

*Comptosia fascipennis* Macquart in Painter & Painter, 1974: 110. *Nomen nudum*. [Preoccupied by Macquart, 1840.]

DISTRIBUTION: **Neotropical:** Argentina, Brazil (Minas Gerais, Rio de Janeiro, Rio Grande do Sul, São Paulo).

**secunda**<sup>†</sup>

*Megacosmus secundus* Cockerell, 1911: 80. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in UCGC\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

TRIBE **PERINGUEYIMYIINI** HULL

Genus **PERINGUEYIMYIA** Bigot

**PERINGUEYIMYIA** Bigot, 1886b: cx [1886d: cx]. Type species: *Peringueyimyia capensis* Bigot, 1886, by monotypy.

**capensis**

*Peringueyimyia capensis* Bigot, 1886b: cx [1886d: cx]. TYPE LOCALITY: “Cap de Bonne-Espérance” [= South Africa (Northern Cape) (see Bezzi, 1921a: 109)] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

Unplaced Genera in **LOMATIINAE** Schiner

Genus **ALOMATIA** Cockerell

**ALOMATIA**<sup>†</sup> Cockerell, 1914: 721. Type species: *Alomatia fusca* Cockerell, 1914, by monotypy.

**fusca**<sup>†</sup>

*Alomatia fusca* Cockerell, 1914: 721. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H (destroyed) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

Unplaced Species in **LOMATIINAE** Schiner

**notabilis**

*Anthrax notabilis* Macquart, 1840: 70 [1841: 348]. TYPE LOCALITY: “Patrie inconnue” [= ?Senegal (from type specimen label data; probably wrong)] [H in MNHN\*].

DISTRIBUTION: **Patria Ignota**: ?Senegal.

Subfamily **ANTONIINAE** HullGenus **ANTONIA** Loew

**ANTONIA** Loew, 1856: 30. Type species: *Antonia suavissima* Loew, 1856, by monotypy.  
*DIMORPHAPHUS* Walker, 1871a: 255. *Nomen nudum*.

*DIMORPHOPHORA* Walker, 1871b: 272. Type species: *Dimorphophora syrphoides*  
Walker, 1871 [= *Antonia suavissima* Loew, 1856], by monotypy.

**arenacea**

*Antonia arenacea* Paramonov, 1933a: 33. TYPE LOCALITY: Armenia [H (lost) in  
SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia.

**armeniaca**

*Antonia armeniaca* Paramonov, 1929a: 68(6). TYPE LOCALITY: Armenia [H (lost) in  
SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan.

**aurata**

*Antonia aurata* Bowden, 1959a: 14. TYPE LOCALITY: Uganda [2S in JB; 2S in  
BMNH\*].

DISTRIBUTION: **Afrotropical**: Ethiopia, Uganda.

**bella**

*Antonia bella* Curran, 1927b: 37. TYPE LOCALITY: Congo [H in AMNH\*].

DISTRIBUTION: **Afrotropical**: Congo.

**bouillonae**

*Antonia bouillonae* Séguéy, 1932: 128. TYPE LOCALITY: Tunisia [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Morocco, Tunisia.

**cercoplecta**

*Antonia cercoplecta* Hesse, 1956a: 141. TYPE LOCALITY: South Africa (Northern  
Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Wes-  
tern Cape).

**cirrhata**

*Antonia cirrhata* Bezzi, 1924a: 138. TYPE LOCALITY: “Somaliland” [= Somalia] [H in  
BMNH\*].

DISTRIBUTION: **Afrotropical**: Somalia, Tanzania.

**fedtschenkoi**

*Antonia fedtschenkoi* Loew, 1873: 178. TYPE LOCALITY: “Turkestan” [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Israel, Tajikistan, Turkmenistan, Uzbekistan.

**gabelensis**

*Antonia gabelensis* El-Hawagry, 2009: 3. TYPE LOCALITY: Egypt [H in EFC].

DISTRIBUTION: **Palaeartic**: Egypt.

**nigrifrons**

*Antonia nigrifrons* Bezzi, 1924a: 141. TYPE LOCALITY: “Kenya Colony” [= Kenya]  
[H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**occidentalis**

*Antonia occidentalis* Bowden, 1959a: 13. TYPE LOCALITY: Nigeria [H in BMNH].

DISTRIBUTION: **Afrotropical**: Nigeria.

**persicana**

*Antonia persicana* Paramonov, 1933d: 47 [1936a: 27]. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palaeartic**: Iran.

**rufa**

*Antonia rufa* Zaitzev, 1967: 410. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Afghanistan, Israel, Tajikistan.

**suavissima**

*Antonia suavissima* Loew, 1856: 30. TYPE LOCALITY: Egypt [H in ZMHB\*].

*Dimorphophora syrphoides* Walker, 1871b: 272. TYPE LOCALITY: Egypt [T (lost) in BMNH (see Waterhouse, 1906: 598)].

DISTRIBUTION: **Afrotropical**: Djibouti, Eritrea, Ethiopia, Somalia, Sudan, Yemen. **Palaeartic**: Algeria, Egypt, Italy (Sicily), Kuwait, Oman, Saudi Arabia, United Arab Emirates.

**xanthogramma**

*Antonia xanthogramma* Bezzi, 1924a: 140. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, KwaZulu-Natal), Zimbabwe.

Genus **ANTONIAAUSTRALIA** Becker

**ANTONIAAUSTRALIA** Becker, 1912: 422. *Nomen nudum*.

**ANTONIAAUSTRALIA** Becker, 1913: 458. Type species: *Antoniaustralia hermanni* Becker, 1913, by original designation.

**arida**

*Antoniaustralia arida* Evenhuis, 1993: 3. TYPE LOCALITY: Australia (NT) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT).

**hermanni**

*Antoniaustralia hermanni* Becker, 1913: 458. TYPE LOCALITY: "Australien" [= Australia (NT)] [H in ZSMC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT).

Genus **CYX** Evenhuis

**CYX** Evenhuis, 1993: 7. Type species: *Antonia rieki* Paramonov, 1953, by original designation.

**decorata**

*Antonia decorata* Paramonov, 1950a: 532. TYPE LOCALITY: Not given [= Australia] [H in MVMA\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**papuana**

*Cyx papuana* Evenhuis, 1993: 10. TYPE LOCALITY: PNG (PNG) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: PNG (PNG).

**rieki**

*Antonia rieki* Paramonov, 1953a: 204. TYPE LOCALITY: Australia (NSW) [H in ANIC\*].  
 DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**roddi**

*Antonia roddi* Paramonov, 1950a: 530. TYPE LOCALITY: Australia (NSW) [H in AMS\*].  
 DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

Genus **MYONEMA** Roberts

**MYONEMA** Roberts, 1929: 563. Type species: *Myonema humilis* Roberts, 1929, by original designation.

**humile**

*Myonema humilis* Roberts, 1929: 564. TYPE LOCALITY: Australia (Queensland) [H in QM].  
 DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

## Subfamily **TOMOMYZINAE** Becker

Genus **AMPHICOSMUS** Coquillett

**AMPHICOSMUS** Coquillett, 1891c: 219. Type species: *Amphicosmus elegans* Coquillett, 1891, by monotypy.

Subgenus **AMPHICOSMUS** Coquillett

### **arizonensis**

*Amphicosmus arizonensis* Johnson & Johnson, 1959b: 67. TYPE LOCALITY: USA (Arizona) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Arizona).

### **arizonicus**

*Amphicosmus arizonicus* Hall, 1975b: 113. TYPE LOCALITY: USA (Arizona) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

### **delicatulus**<sup>†</sup>

*Amphicosmus delicatulus* Melander, 1949: 32. TYPE LOCALITY: USA (Oligocene) [C] [H in AMNH\*].

DISTRIBUTION: **Nearctic**: USA (Oligocene).

### **elegans**

*Amphicosmus elegans* Coquillett, 1891c: 220. TYPE LOCALITY: USA (California) [4S in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

### **vanduzeei**

*Amphicosmus vanduzeei* Cole, 1922: 22. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California).

Subgenus **GLYCOPHORBA** Hull

**GLYCOPHORBA** Hull, 1973: 295. Type species: *Amphicosmus cincturus* Williston, 1901, by original designation.

### **cincturus**

*Amphicosmus cincturus* Williston, 1901: 296. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero), USA (Arizona, California).

Genus **DOCIDOMYIA** White

**DOCIDOMYIA** White, 1916: 200, 203. Type species: *Docidomyia puellaris* White, 1916, by monotypy.

### **albifrons**

*Docidomyia albifrons* Yeates, 1996b: 410. TYPE LOCALITY: Australia (NT) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, Queensland, WA).

**angusta**

*Docidomyia angusta* Yeates, 1996b: 413. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**brevipilata**

*Docidomyia brevipilata* Yeates, 1996b: 414. TYPE LOCALITY: Australia (Queensland) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

**danielsi**

*Docidomyia danielsi* Yeates, 1996b: 415. TYPE LOCALITY: Australia (NSW) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, NT, WA).

**froggatti**

*Docidomyia froggatti* Paramonov, 1951: 748. TYPE LOCALITY: Australia (NSW) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW).

**genualia**

*Docidomyia genualia* Yeates, 1996b: 417. TYPE LOCALITY: Australia (WA) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, WA).

**hespera**

*Docidomyia hespera* Yeates, 1996b: 420. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**isla**

*Docidomyia isla* Yeates, 1996b: 421. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**nicholsoni**

*Docidomyia nicholsoni* Yeates, 1996b: 422. TYPE LOCALITY: Australia (WA) [H in QDPI].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**nigra**

*Docidomyia nigra* Yeates, 1996b: 423. TYPE LOCALITY: Australia (WA) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**norrisi**

*Docidomyia norrisi* Paramonov, 1951: 748. TYPE LOCALITY: Australia (WA) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**parva**

*Docidomyia parva* Yeates, 1996b: 425. TYPE LOCALITY: Australia (Queensland) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

**puellaris**

*Docidomyia puellaris* White, 1916: 204. TYPE LOCALITY: Australia (Queensland) & (Victoria) [2S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, Queensland, SA, Victoria).

**swani**

*Docidomyia swani* Paramonov, 1951: 750. TYPE LOCALITY: Australia (SA) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, SA).

**victoriana**

*Docidomyia victoriana* Paramonov, 1951: 749. TYPE LOCALITY: Australia (Victoria) [H in MVMA].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Victoria).

Genus **METACOSMUS** Coquillett

**METACOSMUS** Coquillett, 1891c: 220. Type species: *Metacosmus exilis* Coquillett, 1891, by monotypy.

**chilensis**

*Metacosmus chilensis* Hall, 1976a: 125. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**exilis**

*Metacosmus exilis* Coquillett, 1891c: 221. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 666) in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (California).

**mancipennis**

*Metacosmus mancipennis* Coquillett, 1910a: 41. TYPE LOCALITY: USA (Pennsylvania) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Massachusetts, New Jersey, Pennsylvania).

**nitidus**

*Metacosmus nitidus* Cole, 1922: 23. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California).

**schlingeri**

*Metacosmus schlingeri* Hall, 1976a: 126. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

Genus **PANTOSTOMUS** Bezzi

**PANTOSTOMUS** Bezzi, 1921b: 474 [1922a: 79]. Type species: *Pantostomus gibbiventris* Bezzi, 1921, by monotypy.

**bullulatus**

*Pantostomus bullulatus* Hesse, 1956a: 63. TYPE LOCALITY: South Africa (Northern Cape) [7S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).



**capensis**

*Pantostomus capensis* Hesse, 1956a: 64. TYPE LOCALITY: South Africa (Western Cape) [10S in BMNH\*; 1S in CNC\*; 1S in NMSA\*; 10S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**fruticicola**

*Pantostomus fruticicolus* Hesse, 1956a: 61. TYPE LOCALITY: South Africa (Northern Cape) [3S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**gibbiventris**

*Pantostomus gibbiventris* Bezzi, 1921b: 474. TYPE LOCALITY: South Africa (Eastern Cape) [S in SAMC; 1S in DEI\*; 1S in ZMHB\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**mallochi**

*Pantostomus mallochi* Hesse, 1956a: 69. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in NMBZ].

DISTRIBUTION: **Afrotropical**: South Africa (Limpopo), Zimbabwe.

**melanotidus**

*Pantostomus melanotidus* Hesse, 1956a: 66. TYPE LOCALITY: South Africa (Western Cape) [41S in SAMC\*; 1S in BPBM\*; 1S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**pilosulus**

*Pantostomus pilosulus* Hesse, 1956a: 58. TYPE LOCALITY: South Africa (Northern Cape) [13S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**psammophilus**

*Pantostomus psammophilus* Hesse, 1956a: 68. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**tinctellipennis**

*Pantostomus tinctellipennis* Hesse, 1956a: 67. TYPE LOCALITY: South Africa (Western Cape) [6S in BMNH\*; 12S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

Genus **PARACOSMUS** Osten Sacken

*ALLOCOTUS* Loew, 1872a: 82 [1872c: 258]. Type species: *Allocotus edwardsii* Loew, 1872, by monotypy. [Preoccupied by *Allocotus* Fisher von Waldheim, 1838.]

**PARACOSMUS** Osten Sacken, 1877: 262 (new replacement name for *Allocotus* Loew, 1872). Type species: *Allocotus edwardsii* Loew, 1872, automatic.

*LITHOCOSMUS*<sup>†</sup> Cockerell, 1909c: 71. Type species: *Lithocosmus coquilletti* Cockerell, 1909, by monotypy.

*PROTOPHTHIRIA*<sup>†</sup> Cockerell, 1914: 720. Type species: *Protophthiria palpalis* Cockerell, 1914, by monotypy.

*PROTOLOMATIA*<sup>†</sup> Cockerell, 1914: 723. Type species: *Protolomatia antiqua* Cockerell, 1914, by monotypy.

Subgenus **ACTHEROSIA** Hull

**ACTHEROSIA** Hull, 1973: 298. Type species: *Paracosmus rubicundus* Melander, 1950, by original designation.

**rubicundus**

*Paracosmus rubicundus* Melander, 1950b: 155. TYPE LOCALITY: Mexico (Sonora) [24S in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California).

Subgenus **PARACOSMUS** Osten Sacken

**antiquus**<sup>†</sup>

*Protolomatia antiqua* Cockerell, 1914: 723. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

**coquilletti**<sup>†</sup>

*Lithocosmus coquilletti* Cockerell, 1909c: 71. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in AMNH\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

**edwardsii**

*Allocotus edwardsii* Loew, 1872a: 81 [1872c: 259]. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (California, Utah).

**insolens**

*Paracosmus insolens* Coquillett, 1891c: 221. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 669) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**morrisoni**

*Paracosmus morrisoni* Osten Sacken, 1887a: 155. TYPE LOCALITY: Mexico (Sonora) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Nevada, Texas).

**palpalis**<sup>†</sup>

*Protophthiria palpalis* Cockerell, 1914: 720. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

**recurrens**<sup>†</sup>

*Protolomatia recurrens* Cockerell, 1916: 93. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

**similis**

*Paracosmus similis* Hall, 1957: 143. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California).

Genus **TOMOMYZA** Wiedemann

**TOMOMYZA** Wiedemann, 1820: 9. Type species: *Tomomyza anthracoides* Wiedemann, 1820, by original designation (on plate).

*TOMOMYZA* Jensen, 1832: 324. Type species: *Tomomyza anthracoides* Jensen, 1832 [preoccupied, = *Tomomyza anthracoides* Wiedemann, 1820], by monotypy. [Preoccupied by Wiedemann, 1820.]

*TOMOMYIA*, error for *Tomomyza*.

**anomala**

*Tomomyza anomala* Hesse, 1956a: 93. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**anthracoides**

*Tomomyza anthracoides* Wiedemann, 1820: 9. TYPE LOCALITY: “Promontorio bonae spei” [= South Africa (Western Cape)] [H in ZMUC].

*Tomomyza anthracoides* Jensen, 1832: 324. TYPE LOCALITY: “Promontorio bonae spei” [= South Africa (Western Cape)] [T in UNKN]. [Preoccupied by Wiedemann, 1820.]

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**barbatula**

*Tomomyza barbatula* Bezzi, 1922a: 80. TYPE LOCALITY: South Africa (Eastern Cape) [2S in MSNM].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**guillarmodi**

*Tomomyza guillarmodi* Hesse, 1956a: 79. TYPE LOCALITY: South Africa (Western Cape) [5S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**karooana**

*Tomomyza karooana* Hesse, 1956a: 88. TYPE LOCALITY: South Africa (Western Cape) [2S in CNC\*; 3S in NMSA\*; 1S in BPBM\*; 10S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**nitidula**

*Tomomyza nitidula* Hesse, 1956a: 92. TYPE LOCALITY: South Africa (Northern Cape) [7S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**pallipes**

*Tomomyza pallipes* Bezzi, 1922a: 80. TYPE LOCALITY: South Africa (Eastern Cape) [2S in MSNM].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**pantostomoides**

*Tomomyza pantostomoides* Hesse, 1956a: 82. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**philoxera**

*Tomomyza philoxera* Hesse, 1956a: 87. TYPE LOCALITY: South Africa (Western Cape) [1S in NMSA\*; 1S in BPBM\*; 31S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**pictipennis**

*Tomomyza pictipennis* Bezzi, 1921b: 474. TYPE LOCALITY: South Africa (Eastern Cape) [2S in MSNM; S in SAMC; 2S in DEI\*; 1S in ZMHB\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape), Tanzania.

**stenolopha**

*Tomomyza stenolopha* Hesse, 1956a: 85. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

## Subfamily ANTHRACINAE Latreille

### TRIBE ANTHRACINI LATREILLE

#### Genus ANTHRAX Scopoli

**ANTHRAX** Scopoli, 1763: 358. Type species: *Musca morio* Linnaeus, 1758 [misidentification, = *Musca anthrax* Schrank, 1781], by monotypy.

**LEUCAMOEBA** Sack, 1909: 520. Type species: *Bibio aethiops* Fabricius, 1781, by original designation.

**CHALCAMOEBA** Sack, 1909: 522. Type species: *Anthrax virgo* Egger, 1859, by original designation.

#### **actuosus**

*Anthrax actuosus* Paramonov, 1935: 9, 23 (key only) [1936b: 69]. TYPE LOCALITY: Turkmenistan [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

#### **aethiops** ssp. **aethiops**

*Bibio aethiops* Fabricius, 1781: 415. TYPE LOCALITY: “Italia” [probably = Italy] [1S in MNHN\*; 2S in ZMUC; 3S in UMO\*].

*Anthrax punctata* Hoffmensegg in Wiedemann, 1818a: 13. *Nomen nudum*.

*Nemotelus bipunctatus* Pallas in Wiedemann, 1818a: 13. *Nomen nudum*.

*Anthrax punctata* Meigen, 1820: 161 (unjustified new replacement name for *Bibio aethiops* Fabricius, 1781).

*Anthrax mendax* Austen, 1937: 110. TYPE LOCALITY: Israel [4S in BMNH\*].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Egypt, France, Germany, Greece (incl. Corfu, Crete, Zakynthos), Gruzia, Hungary, Iran, Israel (incl. West Bank), Italy, Kyrgyz Republic, Libya, Morocco, Poland, Portugal, Romania, Russia (SET), Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan.

#### **aethiops** ssp. **bezzii**

*Anthrax aethiops* ssp. *bezzii* Paramonov, 1957: 143. TYPE LOCALITY: Egypt [L designated by El Hawagry *et al.* (2000: 101) in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt, Israel.

#### **alagoezicus**

*Anthrax alagoezicus* Paramonov, 1935: 11, 26 (key only) [1936b: 71]. TYPE LOCALITY: Armenia [H in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia.

#### **albofasciatus**

*Anthrax analis* Macquart, 1834: 407. TYPE LOCALITY: “de la Géorgie d’Amérique” [= USA (Georgia)] [1S in MNHN\*]. [Preoccupied by Lichtenstein, 1796.]

*Anthrax albofasciata* Macquart, 1840: 67 [1841: 345] (as “*albo fasciata*”; new replacement name for *Anthrax analis* Macquart, 1834). TYPE LOCALITY: USA (Georgia).

*Anthrax antecedens* Walker, 1852: 193. TYPE LOCALITY: “United States” [H in BMNH\*].

DISTRIBUTION: **Nearctic:** Canada (Alberta, Ontario, Quebec, Saskatchewan), Mexico (Morelos, San Luis Potosí, Veracruz-Llave), USA (Alabama, Arizona, Colorado, Delaware, Florida, Georgia, Idaho, Indiana, Maryland, Massachusetts, Minnesota, Mississippi, Nebraska, Nevada, New Hampshire, New Jersey, New York, South Carolina, Texas, Vermont, Virginia). **Neotropical:** Brazil (Roraima), Cuba, Guatemala, Honduras, Mexico (Oaxaca).

### **albosparsus**

*Argyromoeba albosparsa* Bigot, 1892: 348. TYPE LOCALITY: USA (Colorado) [H in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos), USA (Colorado). **Neotropical:** Guatemala, Mexico (Oaxaca).

### **algirus**

*Argyromoeba algira* Villeneuve, 1910: 302. TYPE LOCALITY: Algeria [2S in KBIN\*].

DISTRIBUTION: **Palaeartic:** Algeria.

### **alruqibi**

*Anthrax alruqibi* El-Hawagry in El-Hawagry *et al.*, 2013: 55. TYPE LOCALITY: Saudi Arabia [H in EFC].

DISTRIBUTION: **Palaeartic:** Saudi Arabia.

### **amnoni**

*Anthrax amnoni* Zaitzev, 1997: 895 [1998b: 640]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic:** Israel.

### **angulatus**

*Anthrax angulata* Brèthes, 1909: 89. TYPE LOCALITY: Argentina [3S in MACN].

DISTRIBUTION: **Neotropical:** Argentina.

### **angustipennis**

*Anthrax angustipennis* Macquart, 1840: 64 [1841: 342]. TYPE LOCALITY: French Guiana [H in MNHN\*].

*Anthrax binotata* Macquart, 1846: 241(113). TYPE LOCALITY: “Nouvelle-Grenade” [= Colombia, Ecuador, or Venezuela] [3S in BMNH\*]. [Preoccupied by Wiedemann, 1820.]

DISTRIBUTION: **Neotropical:** Bolivia, Brazil (Acre, Amazonas, Maranhão, Pará, Rio De Janeiro, Roraima), Colombia, French Guiana, Guyana, Panama, Peru, Trinidad, Venezuela.

### **anthrax**

*Musca anthrax* Schrank, 1781: 439. TYPE LOCALITY: Austria [N designated by Evenhuis & Thompson in Evenhuis & Greathead (1999: 673) in NMW\*].

*Anthrax sinuata* Meigen, 1804: 203 (unjustified new replacement name for *Musca anthrax* Schrank, 1781).

DISTRIBUTION: **Palaeartic:** Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, Canary Is, China (Liaoning, Xinjiang, Xizang), Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece,

Gruzia, Hungary, Iran, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Latvia, Libya, Lithuania, Luxemburg, Macedonia, Moldova, Mongolia, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia (CET, ES, FE, NET, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

### **apiaster**

*Anthrax apiaster* François, 1968b: 95. TYPE LOCALITY: Algeria [H in MNHN].  
DISTRIBUTION: **Palaeartic**: Algeria.

### **appendiculatus**

*Anthrax appendiculata* Macquart, 1855: 94(74). TYPE LOCALITY: “Chine boreale” [= China] [1S in BMNH\*].  
DISTRIBUTION: **Palaeartic**: China.

### **aquilus**

*Anthrax oedipus* ssp. *aquilus* Marston, 1970: 18. TYPE LOCALITY: Brazil (Paraná) [H in USNM\*].  
DISTRIBUTION: **Neotropical**: Argentina, Brazil (Minas Gerais, Paraná, Rio Grande do Sul, Santa Catarina, São Paulo), Paraguay.

### **arcus**

*Argyramoeba arcus* Meijere, 1913: 322. TYPE LOCALITY: Indonesia (Irian Jaya) [3S in ZMAN].  
DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Irian Jaya).

### **arenophilus**

*Anthrax arenophilus* Paramonov, 1935: 8, 23 (key only) [1936b: 77]. TYPE LOCALITY: “Transcaspian” [= Turkmenistan (see Paramonov, 1936b: 77)] [H in SIZK].  
DISTRIBUTION: **Palaeartic**: Turkmenistan.

### **argentatus**

*Spongostylum argentatum* Cole in Cole & Lovett, 1919: 227. TYPE LOCALITY: USA (Oregon) [H in CAS].  
DISTRIBUTION: **Neartic**: Canada (British Columbia), USA (California, Colorado, Idaho, Oregon, Utah, Washington).

### **argentius**

*Anthrax argentia* Yeates & Lambkin, 1998: 991. TYPE LOCALITY: Australia (WA) [H in WADA].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (SA, WA).

### **argentiapicalis**

*Argyramoeba argentiapicalis* Brunetti, 1912: 470. TYPE LOCALITY: India (Maharashtra) [3S in NZSI].  
DISTRIBUTION: **Oriental**: India (Maharashtra).

### **argyropygus**

*Anthrax argyropyga* Wiedemann, 1828: 313, 591, 606. TYPE LOCALITY: “Vaterland?” [probably = southeastern USA (see Marston, 1970: 70)] [H in NMW].  
*Argyromoeba contigua* Loew, 1869c: 30 [1872c:144]. TYPE LOCALITY: USA (Virginia) [H in MCZ\*].  
*argyropyga*, incorrect original spelling of *argyropyga* (Wiedemann, 1828: 313) [corrected in errata (Wiedemann, 1828: 606)].

DISTRIBUTION: **Nearctic**: Canada (Ontario), Mexico (Morelos, Veracruz-Llave), USA (Arizona, Arkansas, District of Columbia, Florida, Georgia, Illinois, Maryland, Missouri, New Jersey, New York, North Carolina, Ohio, Tennessee, Texas, Virginia, West Virginia). **Neotropical**: Cuba, Mexico (Chiapas).

#### **aridicola**

*Anthrax aridicolus* Hesse, 1956a: 403. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

#### **armeniacus**

*Anthrax armeniacus* Paramonov, 1935: 13, 14, 15, 28, 29, 30 (key only) [1936b: 78]. TYPE LOCALITY: Armenia [2S in SIZK].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, Gruzia.

#### **artemesia**

*Anthrax limatulus* ssp. *artemesia* Marston, 1963: 21. TYPE LOCALITY: USA (Colorado) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Distrito Federal, Tamaulipas, Zacatecas), USA (Colorado, Idaho, Kansas, Nebraska, New Mexico, Texas, Utah, Wyoming).

#### **asciculus**

*Anthrax asciculus* Yeates & Lambkin, 1998: 1010. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, SA, Victoria).

#### **aterrimus**

*Argyromoeba aterrима* Bigot, 1892: 349. TYPE LOCALITY: Not given [= USA (Maryland) (see Painter & Painter, 1962: 72)] [H in BMNH\*].

*Spongostylum slossonae* Johnson, 1913: 55. TYPE LOCALITY: USA (Kentucky) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Connecticut, Florida, Indiana, Kentucky, Louisiana, Maryland, South Carolina, Virginia). **Neotropical**: Cuba.

#### **atriplex**

*Anthrax atriplex* Marston, 1970: 31. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Durango, Sonora, Tamaulipas), USA (Arizona, California, New Mexico, Oregon, Texas, Utah).

#### **aureosquamosus**

*Anthrax aureosquamosus* ssp. *aureosquamosus* Marston, 1963: 53. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California, Idaho, Utah).

#### **austrinus**

*Anthrax austrinus* Marston, 1966: 144. [Unavailable; name proposed in an unpublished thesis.]

*Anthrax austrinus* Marston, 1970: 80. TYPE LOCALITY: Brazil (Santa Catarina) [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Rio Grande do Sul, Santa Catarina).



**aygulus**

*Anthrax aygulus* Fabricius, 1805: 121. TYPE LOCALITY: “Guinea” [= Ghana] [1S in ZMUC].

*Anthrax biflexa* Loew, 1852: 659 [*in* Peters, 1862: 12]. TYPE LOCALITY: Mozambique [H in ZMHB\*].

*Anthrax aygulus* ssp. *senegalensis* François, 1972a: 8. TYPE LOCALITY: Senegal [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Botswana, Chad, Congo, Eritrea, Ethiopia, Ghana, Kenya, Malawi, Mauritania, Mozambique, Namibia, Nigeria, Senegal, South Africa (Eastern Cape, KwaZulu-Natal, Northern Cape), Sudan, Tanzania, Uganda, Yemen, Zambia, Zimbabwe. **Oriental**: China (Guanxi, Hainan, Hunan, Yunnan, Zhejiang). **Palaeartic**: China (Jiangxi, Sichuan, Xizang), Egypt, Japan, Saudi Arabia.

**badius**

*Anthrax badius* Hesse, 1956a: 394. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Lesotho, South Africa (Eastern Cape, Western Cape).

**baliopteros**

*Anthrax baliopteros* Marston, 1970: 105. TYPE LOCALITY: Brazil (Rio Grande do Sul) [H in USNM\*].

DISTRIBUTION: **Neotropical**: Brazil (Rio Grande do Sul, São Paulo).

**bellulus**

*Anthrax bellula* Philippi, 1865: 675. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

*Spogostylum inappendiculatum* Bigot, 1892: 351. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**bezzianus**

*Anthrax bezzianus* Paramonov, 1935: 7, 21 (key only) [1936b: 80]. TYPE LOCALITY: “Syrien” [= Lebanon (see Paramonov, 1936b: 80)] [H in PBC (see Bezzi, 1909: 46–47)].

DISTRIBUTION: **Palaeartic**: Lebanon, Syria.

**bifarius**

*Anthrax bifarius* Hesse, 1956a: 429. TYPE LOCALITY: South Africa (Western Cape) [2S in NMSA\*; 6S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Western Cape).

**bigoti**

*Argyromoeba appendiculata* Bigot, 1892: 347. TYPE LOCALITY: “Pondichéry” [= India (Tamil Nadu)] [1S in BMNH\*]. [Preoccupied by Macquart 1855.]

*Argyromoeba bigoti* Brunetti, 1920: 222 (new replacement name for *Argyromoeba appendiculata* Bigot, 1892).

DISTRIBUTION: **Oriental**: India (Tamil Nadu).

**bimaculus**

*Anthrax bimacula* Walker, 1849: 254. TYPE LOCALITY: "China" [H (lost) in BMNH (J.E. Chainey, pers. comm.)].

DISTRIBUTION: **Oriental** or **Palearctic**: China.

**binotatus**

*Anthrax binotata* Wiedemann in Meigen, 1820: 165. TYPE LOCALITY: Portugal [2S in ZMHB\*].

*Anthrax subnotata* Wiedemann in Meigen, 1820: 166. TYPE LOCALITY: Portugal [H in ZMHB\*].

*subustata*, error for *subnotata*.

DISTRIBUTION: **Palearctic**: Albania, Armenia, Azerbaijan, Austria, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, France, Germany, Greece (incl. Ithaca, Rhodes), Gruzia, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Libya, Macedonia, Moldova, Morocco, Poland, Portugal, Russia (SET), Slovakia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Turkey, Ukraine, Uzbekistan.

**boninensis**

*Argyroamoeba boninensis* Matsumura, 1916: 284. TYPE LOCALITY: Bonin Is [H in EIHU\*].

DISTRIBUTION: **Australasian/Oceanian**: Bonin Is.

**bowdeni**

*Anthrax bowdeni* Báez, 1983b: 207. TYPE LOCALITY: Canary Is [H in MABC].

DISTRIBUTION: **Palearctic**: Canary Is.

**brevis**

*Anthrax brevis* Becker & Stein, 1912: 604. *Nomen nudum*.

*Anthrax brevis* Becker in Becker & Stein, 1913a: 572. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palearctic**: Iran.

**bucharensis**

*Anthrax bucharensis* Paramonov, 1935: 13, 27 (key only) [1936b: 85]. TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palearctic**: Turkmenistan, Uzbekistan.

**busonicus**

*Anthrax busonicus* François, 1960: 288. TYPE LOCALITY: Burundi [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Burundi, Tanzania, Uganda.

**caatingensis**

*Anthrax caatingensis* Marston, 1970: 106. TYPE LOCALITY: Brazil (Rio Grande do Norte) [H in USNM\*].

DISTRIBUTION: **Neotropical**: Brazil (Rio Grande do Norte).

**camptocladus**

*Anthrax camptocladus* Bezzi, 1912: 622. TYPE LOCALITY: "North Nyasa" [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Zimbabwe.

**candidapex**

*Spongostylum candidapex* Austen, 1937: 120. TYPE LOCALITY: Israel (West Bank) [3S in BMNH\*].

*candidopex*, error for *candidapex*.

DISTRIBUTION: **Palaeartic**: Israel (incl. West Bank).

**candidulus**

*Anthrax candidulus* Hesse, 1956a: 421. TYPE LOCALITY: South Africa (Eastern Cape) [4S in BMNH\*; 2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**capicola**

*Anthrax caffer* Hesse, 1956a: 416. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC]. [Preoccupied by Wiedemann, 1821.]

*Anthrax capicola* Bowden, 1980: 410 (new replacement name for *Anthrax caffer* Hesse, 1956).

DISTRIBUTION: **Afrotropical**: Lesotho, Namibia, South Africa (Eastern Cape, Free State, Northern Cape, Western Cape).

**carbo**

*Anthrax carbo* Rondani, 1875: 453. TYPE LOCALITY: Malaysia (Sarawak) [H in MCSN].

DISTRIBUTION: **Oriental**: Malaysia (Sarawak).

**cascadensis**

*Anthrax albofasciatus* ssp. *cascadensis* Marston, 1963: 46. TYPE LOCALITY: USA (Oregon) [H in CAS].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (California, Idaho, Montana, Oregon, Utah, Washington).

**cascus**

*Anthrax casca* Pallas in Wiedemann, 1818a: 15. TYPE LOCALITY: “In australibus Tartariae” [= Russia (CET or SET)] [T in NMW].

DISTRIBUTION: **Palaeartic**: Russia (CET or SET).

**cathodaithmos**

*Anthrax cathodaithmos* Marston, 1966: 50. [Unavailable; name proposed in an unpublished thesis.].

*Anthrax cathodaithmos* Marston, 1970: 49. TYPE LOCALITY: Mexico (Colima) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Colima). **Neotropical**: Brazil (Amazonas, Pará), Colombia, Costa Rica, Panama, Peru.

**cephus**

*Anthrax cephus* Fabricius, 1805: 124. TYPE LOCALITY: “America meridionali” [= Guyana (see Papavero, 1971: 21)] [1S in ZMUC].

*Anthrax noctiluna* Walker, 1849: 266. TYPE LOCALITY: Not given [= Neotropical] [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Amazonas, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Paraná, Rio de Janeiro, Santa Catarina, São Paulo), Costa Rica, Panama.

**ceylonicus**

*Anthrax ceylonicus* Zaitzev, 1988b: 867 [1990: 112]. TYPE LOCALITY: Sri Lanka [H in ZIS].

DISTRIBUTION: **Oriental:** India (Assam, Bihar, Uttar Pradesh, West Bengal), Sri Lanka.

**chalciurus**

*Anthrax chalciurus* Hesse, 1956a: 435. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Northern Cape).

**chaparralus**

*Anthrax aureosquamosus* ssp. *chaparralus* Marston, 1963: 55. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (California).

**chionanthrax**

*Argyramoeba chionanthrax* Bezzi, 1926b: 265. TYPE LOCALITY: Egypt [H in ESEC].

*Anthrax cairensis* Paramonov, 1935: 10, 15, 25, 30 (key only) [1936b: 86]. TYPE LOCALITY: Egypt [H in ESEC].

*Anthrax nanus* Paramonov, 1935: 15, 30 (key only) [1936b: 130]. TYPE LOCALITY: Egypt [L designated by El Hawagry *et al.* (2000: 102) in ESEC].

DISTRIBUTION: **Palaeartic:** Egypt, Israel.

**chionostigma**

*Argyramoeba maculosa* Sack, 1909: 526. TYPE LOCALITY: "Pamir" [= Tajikistan] [H in ZSMC]. [Preoccupied by Wiedemann, 1819.]

*Anthrax chionostigma* Tsacas, 1962: 295. TYPE LOCALITY: Greece [H in MNHN].

*Anthrax ipiriensis* Dils & Weyer, 1995: 85. TYPE LOCALITY: Greece [H in JDPC].

*Anthrax tajikistanus* Evenhuis & Greathead, 1999: 316 (new replacement name for *Argyramoeba maculosa* Sack, 1909).

DISTRIBUTION: **Palaeartic:** Afghanistan, Armenia, Azerbaijan, France (incl. Corsica), Greece, Gruzia, Italy, Kazakhstan, Spain, Tajikistan, Uzbekistan.

**chivaensis**

*Anthrax chivaensis* Paramonov, 1935: 9, 24 (key only) [1936b: 102]. TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic:** Tajikistan, Uzbekistan.

**cintalapa**

*Anthrax cintalapa* Cole, 1957: 200. TYPE LOCALITY: Mexico (Chiapas) [H in CAS]. *cintalpa*, error for *cintalapa*.

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur, Colima, Guerrero, Jalisco, Morelos, Puebla, Sonora, Tamaulipas, Veracruz-Llave), USA (Arizona, California, Colorado, Nebraska, New Mexico, Texas, Utah). **Neotropical:** Costa Rica, Guatemala, Honduras, Mexico (Oaxaca, Yucatán), Nicaragua, Panama, Venezuela.

**clinatus**

*Anthrax clinatus* Yeates & Lambkin, 1998: 1013. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, NT, Queensland, WA).

**clinopictus**

*Anthrax clinopictus* Marston, 1966: 156. [Unavailable; name proposed in an unpublished thesis.]

*Anthrax clinopictus* Marston, 1970: 84. TYPE LOCALITY: Brazil (São Paulo) [H in MZUSP].

DISTRIBUTION: **Neotropical**: Argentina, Brazil (Paraná, São Paulo).

**columbiensis**

*Anthrax limatulus* ssp. *columbiensis* Marston, 1963: 30. TYPE LOCALITY: USA (Idaho) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (Idaho, Oregon, Washington).

**comptus**

*Anthrax comptus* Paramonov, 1935: 12, 26, 27 (key only) [1936b: 100]. TYPE LOCALITY: Uzbekistan [2S in SIZK].

DISTRIBUTION: **Palaearctic**: Tajikistan, Uzbekistan.

**confluensis**

*Anthrax confluensis* Roberts, 1928a: 139. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, NT, Queensland, SA, Victoria).

**consobrinus**

*Anthrax consobrinus* Hesse, 1956a: 432. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

*Anthrax consobrinus* var. *suffusipunctis* Hesse, 1956a: 434. TYPE LOCALITY: South Africa (Northern Cape) [8S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**cordillerensis**

*Anthrax cordillerensis* Marston, 1970: 21. TYPE LOCALITY: Chile [H in USNM\*].

DISTRIBUTION: **Neotropical**: Argentina, Chile.

**costaricensis**

*Anthrax costaricensis* Marston, 1966: 98. [Unavailable; name proposed in an unpublished thesis.]

*Anthrax costaricensis* Marston, 1970: 63. TYPE LOCALITY: Costa Rica [H in USNM\*].

DISTRIBUTION: **Neotropical**: Costa Rica.

**crenatus**

*Anthrax crenatus* Yeates & Lambkin, 1998: 1018. TYPE LOCALITY: Australia (NT) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NT, Queensland, SA, Victoria, WA).

**cunctator**

*Anthrax cunctator* Hesse, 1956a: 398. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**cuthbertsoni**

*Anthrax cuthbertsoni* Hesse, 1956a: 440. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique, Zimbabwe.

**cybele**

*Argyromoeba cybele* Coquillett, 1894a: 96. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 657) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

**daphne**

*Argyromoeba daphne* Osten Sacken, 1886b: 104. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 73) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Colorado, Idaho, Nevada, New Mexico, Oregon, Utah, Wyoming).

**decisus**

*Anthrax diffusus* var. *decisus* Bezzi, 1924a: 162. TYPE LOCALITY: Yemen [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen. **Palaeartic**: Oman, Saudi Arabia.

**delicatulus**

*Anthrax delicatula* Walker, 1849: 266. TYPE LOCALITY: Jamaica [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Cuba, Dominican Republic, Jamaica.

**dentata**

*Argyromoeba dentata* Becker, 1906c: 148. TYPE LOCALITY: Tunisia [1S in ZMHB\*].

*Anthrax efflatouni* Paramonov, 1935: 7, 22 (key only) [1936b: 90]. TYPE LOCALITY: Egypt [H (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Afrotropical**: Aldabra, Chad, Eritrea, Kenya, Tanzania, Yemen (incl. Socotra). **Palaeartic**: Algeria, Andorra, Egypt, Hungary, Israel (incl. West Bank), Italy (incl. Sicily), Libya, Malta, Morocco, Saudi Arabia, Spain, Tunisia.

**dentoni**<sup>†</sup>

*Anthrax dentoni* Lewis, 1969: 112. TYPE LOCALITY: USA (Washington) (Miocene) [C] [H in UCGC\*].

DISTRIBUTION: **Nearctic**: USA (Washington) (Miocene).

**desertorum**

*Anthrax desertorum* Paramonov, 1935: 5, 20 (key only) [1936b: 87]. TYPE LOCALITY: “Transkaspien” [= Turkmenistan (see Paramonov, 1936b: 87)] [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Afghanistan, Iran, Turkmenistan, Uzbekistan.

**diffusus**

*Anthrax diffusa* Wiedemann, 1824: 23. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [2S in ZMUC; 1S in ZMHB\*].

*Anthrax maculipennis* Macquart, 1840: 56 [1841: 334]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN (originally in Serville Collection)].

*Anthrax diffusus* f. *pallidulus* Hesse, 1956a: 406. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC]. [Preoccupied by Coquillett, 1894.]

*Anthrax diffusus* f. *hybridus* Hesse, 1956a: 407. TYPE LOCALITY: South Africa (Northern Cape) [176S in SAMC].

*Anthrax diffusus* f. *suffusipennis* Hesse, 1956a: 407. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

*Anthrax diffusus* f. *fuscopurpuratus* Hesse, 1956a: 408. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Lesotho, Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

**distigma**

*Anthrax distigma* Wiedemann, 1828: 309. TYPE LOCALITY: Indonesia (Java) [H in RMNH\*].

*Anthrax consobrina* Bigot in Brunetti, 1909b: 449. *Nomen nudum*.

DISTRIBUTION: **Afrotropical**: Seychelles. **Australasian/Oceanian**: Indonesia (Maluku), PNG (PNG). **Oriental**: India, Indonesia (Java), Malaysia (Peninsular), Philippines, Singapore, Thailand.

**doleschalli**

*Anthrax argyropygus* Doleschall, 1857: 401. TYPE LOCALITY: Indonesia (Maluku) [2S in ZMHB\*]. [Preoccupied by Wiedemann, 1828.]

*Anthrax doleschalli* Evenhuis & Greathead, 1999: 299 (new replacement name for *Anthrax argyropygus* Doleschall, 1857).

DISTRIBUTION: **Oriental**: Indonesia (Maluku).

**dolgovskayae**

*Anthrax dolgovskayae* Zaitzev, 1997: 898 [1998b: 643]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaearctic**: Israel.

**doliops**

*Anthrax doliops* Hesse, 1956a: 436. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

*Anthrax doliops* var. *fulviventris* Hesse, 1956a: 439. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

*Anthrax doliops* var. *gamka* Hesse, 1956a: 438. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Eastern Cape, Western Cape).

**dolobratius**

*Anthrax dolobratius* Yeates & Lambkin, 1998: 1022. TYPE LOCALITY: Australia (NSW) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, Queensland, Victoria).

**dolomatus**

*Anthrax dolomatus* Bowden, 1964a: 85. TYPE LOCALITY: "Togoland" [= Ghana] [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**duodecimpunctatus**

*Anthrax duodecimpunctata* Philippi, 1865: 670. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical**: Chile, Argentina.

**elutus**

*Spongostylum muticum* var. *elutum* Bezzi, 1921a: 125. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**emarginatus**

*Anthrax emarginata* Macquart, 1840: 59 [1841: 337]. TYPE LOCALITY: Indonesia (Timor) [H in MNHN\*].

DISTRIBUTION: **Oriental**: Indonesia (Timor).

**emissus**

*Anthrax emissa* Walker, 1864: 233. TYPE LOCALITY: Indonesia (Maluku) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku), PNG (PNG).

**emittens**

*Anthrax emittens* Walker, 1860a: 148. TYPE LOCALITY: Indonesia (Maluku) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku).

**eremicus**

*Anthrax cana* Greathead, 1989: 68. TYPE LOCALITY: United Arab Emirates [H in USNM\*]. [Preoccupied by Meigen, 1804.]

*Anthrax eremicus* Evenhuis & Greathead, 1999: 301 (new replacement name (for *Anthrax cana* Greathead, 1989).

DISTRIBUTION: **Palaearctic**: United Arab Emirates.

**eremobius**

*Anthrax eremobius* Hesse, 1956a: 441. TYPE LOCALITY: South Africa (Northern Cape) [3S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**erythrogaster**

*Anthrax erythrogaster* Paramonov, 1935: 16, 31 (key only). TYPE LOCALITY: “Transkaspien” [= Turkmenistan (see Zaitzev, 1989a: 120)] [1S in SIZK].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, Gruzia, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**euplanes**

*Argyromoeba euplanes* Loew, 1869c: 30 [1872c: 144]. TYPE LOCALITY: Cuba [H in MCZ\*].

DISTRIBUTION: **Neotropical**: Cuba.

**eurypterus**

*Anthrax eurypterus* Hesse, 1956a: 412. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**fallax**

*Argyromoeba fallax* Meijere, 1907: 244. TYPE LOCALITY: Indonesia (Java) [H in ZMAN].

DISTRIBUTION: **Oriental**: Indonesia (Java, Sumatra).

**flavipes**

*Spongostylum flavipes* Röder, 1896: 273. TYPE LOCALITY: “Asia minor (Taurus Cilic.)” [= Turkey] [S in MLUH].

DISTRIBUTION: **Palaearctic**: Iran, Turkey.

**flavus**

*Leucamoeba flava* Sack, 1909: 521. TYPE LOCALITY: Turkey [H (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaearctic**: Iran, Turkey.



**fontenellei**

*Anthrax fontenellei* Lamas, 2006: 62. TYPE LOCALITY: Brazil (Minas Gerais) [H in MZUSP].

DISTRIBUTION: **Neotropical**: Brazil (Minas Gerais).

**francoisi**

*Anthrax pallidus* François, 1966a: 166. TYPE LOCALITY: Greece [H in KBIN\*]. [Preoccupied by Coquillett, 1887.]

*Anthrax francoisi* Evenhuis & Greathead, 1999: 301 (new replacement name (for *Anthrax pallidus* François, 1966).

DISTRIBUTION: **Palaearctic**: Greece, Italy.

**funebri**

*Anthrax funebris* Macquart, 1840: 66 [1841: 344]. TYPE LOCALITY: Dominican Republic [H in MNHN\*].

DISTRIBUTION: **Neotropical**: Bahamas, Cuba, Dominican Republic, Haiti.

**fur**

*Argyromoeba fur* Osten Sacken, 1877: 244. TYPE LOCALITY: USA (Texas) [L designated by Evenhuis (1982b: 9) in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Arkansas, Kansas, Nebraska, Oklahoma, Texas).

**furvus**

*Anthrax furvus* Hesse, 1956a: 398. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**galali**

*Anthrax galali* El Hawagry, 2002: 2. TYPE LOCALITY: Egypt [H in EFC].

DISTRIBUTION: **Palaearctic**: Egypt.

**georgicus**

*Anthrax analis* Say, 1823: 45. TYPE LOCALITY: USA (Georgia) [S (destroyed) in ANSP (see Note 25); 1S in NMW]. [Preoccupied by Lichtenstein, 1796.]

*Anthrax georgica* Macquart, 1834: 406. TYPE LOCALITY: “De la Géorgie” [= USA (Georgia)] [1S in BMNH\*; 1S in MNVL].

*Anthrax cedens* Walker, 1852: 190. TYPE LOCALITY: “United States” [H in BMNH\*].

*Hemipenthes latelimbatus* Bigot, 1892: 351. TYPE LOCALITY: “Carolina” [= USA (North Carolina or South Carolina)] [L designated by Painter & Painter (1962: 76) in BMNH\*].

*Spongostylum grossbecki* Johnson, 1913: 55. TYPE LOCALITY: USA (Florida) [H in AMNH\*].

*Spongostylum occidentalis* Johnson, 1913: 56. TYPE LOCALITY: USA (Colorado & Washington) [2S in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta, British Columbia, Manitoba, Northwest Territory, Ontario, Quebec, Saskatchewan), Mexico (Guerrero, Michoacán de Ocampo, Morelos, Nuevo León, Puebla, Sonora, Veracruz-Llave), USA (Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Idaho, Illinois, Iowa, Kansas, Kentucky, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming).  
**Neotropical**: Costa Rica, Cuba, Nicaragua.

**gestroi**

*Argyromoeba gestroi* Brunetti, 1912: 470. TYPE LOCALITY: “Bombay Presidency” [= India (Maharashtra)] [S in NZSI].

DISTRIBUTION: **Oriental:** India (Andaman Is, Bihar, Maharashtra, Tamil Nadu).

**gideon**

*Anthrax gideon* Fabricius, 1805: 124. TYPE LOCALITY: “America meridionali” [2S in ZMUC; 1S in SMFD].

*Anthrax acroleuca* Wiedemann, 1828: 312. TYPE LOCALITY: “Südamerika” [= Brazil (from type specimen label data)] [6S in NMW; 1S in ZMHB\*].

*Argyromoeba propinqua* Schiner, 1868b: 123. TYPE LOCALITY: “Südamerika” [= Venezuela (see Marston, 1970: 88)] [H in NMW].

DISTRIBUTION: **Neotropical:** Brazil (Paraná, Rio de Janeiro, Rio Grande do Sul, Santa Catarina), Colombia, Costa Rica, French Guiana, Guyana, Jamaica, Mexico (Veracruz-Llave), Paraguay, Peru, Puerto Rico, Suriname, Venezuela.

**giselae**

*Anthrax giselae* François, 1966a: 164. TYPE LOCALITY: Greece [H in KBIN\*].

DISTRIBUTION: **Palaeartic:** Greece, Italy.

**glabratus**

*Anthrax glabratus* Zaitzev, 1976c: 692. TYPE LOCALITY: Iraq [H in ZIS].

DISTRIBUTION: **Palaeartic:** Iraq.

**gobiensis**

*Anthrax gobiensis* Zaitzev, 1974a: 322. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic:** Mongolia.

**greateadi**

*Anthrax greateadi* El Hawagry, 1999: 108. TYPE LOCALITY: Egypt [H in EFC].

DISTRIBUTION: **Palaeartic:** Egypt.

**grisescens**

*Anthrax grisescens* Paramonov, 1935: 14, 28, 29 (key only) [1936b: 104]. TYPE LOCALITY: Uzbekistan [2S in SIZK (the specimen from Turkmenistan listed in Paramonov (1936b: 105) is not part of the original (*i.e.*, Paramonov, 1935) type series, though listed as such in Zaitzev (1989a: 120)].

DISTRIBUTION: **Palaeartic:** Tajikistan, Turkmenistan, Uzbekistan.

**hemimelas**

*Anthrax hemimelas* Speiser, 1910: 78. TYPE LOCALITY: Tanzania [H in NHRS].

*Anthrax homogeneous* Bezzi, 1912: 622. TYPE LOCALITY: “North Nyasa” [= Malawi] [H in BMNH\*].

*Anthrax dimidiatipennis* Hesse, 1956a: 423. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

*Anthrax mimetes* Hesse, 1956a: 424. TYPE LOCALITY: South Africa (Mpumalanga) [H in NMSA\*].

*lemimelas*, error for *hemimelas*.

DISTRIBUTION: **Afrotropical:** Eritrea, Ethiopia, Ghana, Kenya, Malawi, Mali, Nigeria, Senegal, Sierra Leone, South Africa (Free State, KwaZulu-Natal, Mpumalanga), Sudan, Tanzania, Togo, Uganda, Zambia.

**hessii**

*Anthrax hessii* Wiedemann, 1818b: 40. TYPE LOCALITY: “Vom Kap” [= South Africa (Western Cape)] [2S in ZMUC; 1S in NMW\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**hyalacrus**

*Anthrax hyalacra* Wiedemann, 1828: 315. TYPE LOCALITY: “Brasilien” [= Brazil or Uruguay] [1S in NMW; 1S in SMFD; 1S in ZMHB\*].

DISTRIBUTION: **Neotropical**: Brazil (Amazonas, Pará, Santa Catarina, São Paulo), Peru.

**hyalinus**

*Anthrax hyalinus* Yang, Yao & Cui, 2012: 78. TYPE LOCALITY: China (Xizang) [H in SEMCAS].

DISTRIBUTION: **Oriental**: China (Xizang).

**hylaiois**

*Anthrax hylaiois* Marston, 1966: 54. [Unavailable; name proposed in an unpublished thesis.]

*Anthrax hylaiois* Marston, 1970: 50. TYPE LOCALITY: Brazil (Rio de Janeiro) [H in FIOC].

DISTRIBUTION: **Neotropical**: Brazil (Mato Grosso, Minas Gerais, Rio de Janeiro, Santa Catarina, São Paulo).

**inaquosum**

*Anthrax inaquosum* Marston, 1966: 187. [Unavailable; name proposed in an unpublished thesis.]

*Anthrax inaquosum* Marston, 1970: 93. TYPE LOCALITY: Brazil (Rio Grande do Norte) [H in USNM\*].

DISTRIBUTION: **Neotropical**: Brazil (Rio Grande do Norte).

**incisus**

*Anthrax incisa* Macquart, 1847a: 52 [1847c: 68]. TYPE LOCALITY: Australia (Queensland) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**incitus**

*Anthrax incitus* Paramonov, 1935: 11, 25 (key only) [1936b: 96]. TYPE LOCALITY: Armenia [H in SIZK].

DISTRIBUTION: **Palaearctic**: Armenia.

**incomptus**

*Anthrax incompta* Walker, 1849: 253. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

*Anthrax semimacula* Walker, 1849: 254. TYPE LOCALITY: “New Holland” [= Australia] [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, NT, Queensland, SA, Victoria, WA), ?PNG (Bismarck Arch), Vanuatu. **Oriental**: Christmas I.

**indicatus**

*Anthrax indicata* Nurse, 1922b: 883. TYPE LOCALITY: India (Maharashtra) [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Maharashtra).

**innubilipennis**

*Anthrax innubilipennis* Marston, 1966: 130. [Unavailable; name proposed in an unpublished thesis.]

*Anthrax innubilipennis* Marston, 1970: 64. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero).

**inordinatus**

*Anthrax vicinus* Blanchard, 1854: 381. TYPE LOCALITY: Chile [T in UNKN]. [Preoccupied by Macquart, 1840.]

*Anthrax inordinatus* Rondani, 1863: 64 [1864: 64]. TYPE LOCALITY: Chile [T in UNKN].

*Argyromoeba poecilophora* Schiner, 1868b: 121. TYPE LOCALITY: Chile [L designated by Painter & Painter in Marston (1970: 23) in NMW].

*Villa antipoda* Hull, 1973: 373 (new replacement name for *Anthrax vicinus* Blanchard, 1854).

DISTRIBUTION: **Neotropical**: Chile.

**institutus**

*Anthrax instituta* Walker, 1852: 183. TYPE LOCALITY: "East India" [= India] [S (lost) in BMNH (J.E. Chainey, pers. comm.)].

DISTRIBUTION: **Oriental**: India.

**insulanus**

*Anthrax insulanus* Marston, 1970: 26. TYPE LOCALITY: Bahamas [H in AMNH\*].

DISTRIBUTION: **Neotropical**: Bahamas, Cuba, Dominican Republic, Haiti, Puerto Rico.

**intermedius**

*Anthrax intermedius* Hesse, 1936: 173. TYPE LOCALITY: Botswana [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana.

**irroratus**

*Anthrax irroratus* Say, 1823: 46. TYPE LOCALITY: USA ("near the Rocky Mountains") [T (destroyed) in ANSP (see Note 25)].

DISTRIBUTION: **Nearctic**: Canada (Alberta, British Columbia, Manitoba, Northwest Territory, Nova Scotia, Ontario, Quebec, Saskatchewan), Mexico (Baja California Norte, Baja California Sur, Colima, Guerrero, Michoacán de Ocampo, Morelos, Nayarit, Puebla, San Luis Potosí, Sinaloa, Sonora, Veracruz-Llave, Zacatecas), USA (Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Idaho, Illinois, Indiana, Kansas, Maryland, Massachusetts, Michigan, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, Oregon, Pennsylvania, Tennessee, Texas, Utah, Virginia, West Virginia, Wyoming). **Neotropical**: Guatemala, Honduras, Mexico (Oaxaca), Puerto Rico.

**jazykovi**

*Anthrax jazykovi* Paramonov in Zakhvatkin, 1931: 390. *Nomen nudum*.

*Anthrax jazykovi* Zakhvatkin, 1934: 184. TYPE LOCALITY: Uzbekistan [2S in SIZK].

*Anthrax jazykovi* Paramonov, 1935: 9, 23 (key only) [1936b: 98]. TYPE LOCALITY: Uzbekistan [2S in SIZK; same type specimens as for *Anthrax jazykovi* Zakhvatkin]. [Preoccupied by Zakhvatkin, 1934.]

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Mongolia, Tajikistan, Turkey, Uzbekistan.

**johanni**

*Anthrax muscaria* Klug, 1832: pl. 30, fig. 15. TYPE LOCALITY: “Aegyptus superior” [= Egypt] [H in ZMHB\*]. [Preoccupied by Pallas, 1818.]

*Anthrax johanni* Zaitzev, 1997: 900 [1998b: 644] (new replacement name for *Anthrax muscaria* Klug, 1832).

DISTRIBUTION: **Afrotropical**: Chad, Eritrea, Kenya, Yemen. **Palaeartic**: Egypt, Israel, Malta, Saudi Arabia.

**kaokoensis**

*Anthrax kaokoensis* Hesse, 1956a: 445. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**kiritshenkoi**

*Anthrax kiritshenkoi* Paramonov, 1935: 9, 23 (key only) [1936b: 100]. TYPE LOCALITY: Iran [H in ZIS; L designated by Zaitzev & Kandybina (1983: 24) invalid].

DISTRIBUTION: **Palaeartic**: Iran, Morocco.

**koebelei**

*Anthrax koebelei* Marston, 1966: 184. [Unavailable; name proposed in an unpublished thesis.]

*Anthrax koebelei* Marston, 1970: 92. TYPE LOCALITY: USA (Arizona) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**koshunensis**

*Anthrax koshunensis* Matsumura, 1916: 282. TYPE LOCALITY: Taiwan [H in EIHU\*].

DISTRIBUTION: **Australasian/Oceanian**: Bonin Is, Guam, USA (Hawaiian Is) [introduced]. **Oriental**: Taiwan. **Palaeartic**: Japan.

**laetus**

*Anthrax laetus* Paramonov, 1935: 13, 27 (key only) [1936b: 106]. TYPE LOCALITY: “Transkaspien” [= Turkmenistan (see Paramonov, 1936b: 106)] [H in SIZK].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan.

**laevipennis**

*Anthrax laevipennis* Paramonov, 1935: 8, 23 (key only) [1936b: 115]. TYPE LOCALITY: “Transkaspien” [= Turkmenistan (see Paramonov, 1936b: 115)][2S in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan.

**larrea**

*Anthrax limatulus* ssp. *larrea* Marston, 1963: 25. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico, Texas).

**latibasis**

*Anthrax latibasis* Marston, 1970: 99. TYPE LOCALITY: Peru [H in AMNH\*].

DISTRIBUTION: **Neotropical**: Peru.

**laticellus**

*Anthrax laticellus* Marston, 1966: 101. [Unavailable; name proposed in an unpublished thesis.]

*Anthrax laticellus* Marston, 1970: 64. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**latifascius**

*Anthrax latifascia* Walker, 1857: 142. TYPE LOCALITY: “China” [H in BMNH\*].

DISTRIBUTION: **Oriental** or **Palaeartic**: China.

**lepidiotus**

*Anthrax lepidiota* Roberts, 1928a: 138. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, Queensland).

**leucurus**

*Anthrax leucurus* Hesse, 1956a: 439. TYPE LOCALITY: South Africa (Northern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**limatulus**

*Anthrax limatulus* Say, 1829: 157. TYPE LOCALITY: USA (Indiana) [S (destroyed) in ANSP (see Note 25); 3S in NMW].

*Argyramoeba obsoleta* Loew, 1869c: 29 [1872c: 143]. TYPE LOCALITY: USA (Missouri) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Alabama, Arkansas, Delaware, Georgia, Illinois, Indiana, Louisiana, Maryland, Mississippi, Missouri, New Hampshire, North Carolina, South Carolina, Texas, Vermont, Virginia).

**lucidus**

*Argyramoeba lucida* Becker, 1902: 29. TYPE LOCALITY: “Siala” [= Egypt] [H in ZMHB\*].

*Anthrax hassani* Paramonov, 1935: 11, 25, 26 (key only) [1936b: 94]. TYPE LOCALITY: Egypt [1S in ESEC].

*Spongostylum nigrum* Austen, 1937: 122. TYPE LOCALITY: Israel (West Bank) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt, Israel (incl. West Bank), Libya, Tunisia, Turkey.

**luctuosus**

*Anthrax luctuosa* Macquart, 1840: 70 [1841: 348]. TYPE LOCALITY: “Patrie inconnue” [= French Guiana (see Marston, 1970: 49)] [H in MNHN\*].

DISTRIBUTION: **Neotropical**: Brazil (Acre), Colombia, Costa Rica, French Guiana, Mexico (Chiapas, Oaxaca), Panama, Venezuela.

**macquarti**

*Anthrax leucopyga* Macquart, 1855: 96(76). TYPE LOCALITY: “Amérique méridionale” [L designated by Painter & Painter in Marston (1970: 78) in BMNH\* (lectotype designation valid by virtue of I.C.Z.N. Code Art. 74a)]. [Preoccupied by Macquart, 1840.]

*Anthrax macquarti* d’Andretta & Carrera, 1952: 296 (new replacement name for *Anthrax leucopyga* Macquart, 1855) [see Marston (1970: 78) for details concerning the interpretation of this species as a new replacement name].

DISTRIBUTION: **Neotropical**: Brazil, Bolivia, French Guiana, Paraguay, Peru, Suriname, Venezuela.

**macrocerus**

*Anthrax macrocerus* Paramonov, 1935: 8, 22 (key only) [1936b: 122]. TYPE LOCALITY: “Transkaspien” [= Uzbekistan (see Paramonov, 1936b: 122)] [H in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**maculatus**

*Anthrax maculata* Macquart, 1846: 240(112). TYPE LOCALITY: Australia (Tasmania) [4S in MNHN\*; 4S in BMNH\*].

*Anthrax diana* Walker, 1849: 252. TYPE LOCALITY: Not given [= Australia & Australia (WA) (from type specimen label data)] [2S in BMNH\*].

*Anthrax australis* Walker, 1852: 193. TYPE LOCALITY: “Van Diemen’s Land” [= Australia (Tasmania)] & Australia (WA) [2S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, NT, Queensland, SA, Tasmania, Victoria, WA).

**majusculus**

*Anthrax diffusus* var. *majusculus* Bezzi, 1924a: 16. TYPE LOCALITY: “Belgian Congo” [= Congo] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Congo.

**marstoni**

*Anthrax nitidus* Marston, 1966: 39. [Unavailable; name proposed in an unpublished thesis.]

*Anthrax nitidus* Marston, 1970: 46. TYPE LOCALITY: USA (California) [H in CAS]. [Preoccupied by Austen, 1937.]

*Anthrax marstoni* Evenhuis & Greathead, 1999: 308 (new replacement name for *Anthrax nitidus* Marston, 1970).

DISTRIBUTION: **Nearctic:** USA (Arizona, California).

**massinissus**

*Anthrax massinissa* Wiedemann, 1828: 562. TYPE LOCALITY: “Nubien” [= Egypt or Sudan] [2S in SMFD; 1S in ZMHB\*; 1S in NMW\*].

DISTRIBUTION: **Afrotropical:** Sudan. **Palaeartic:** Egypt.

**mateui**

*Anthrax mateui* François, 1968b: 92. TYPE LOCALITY: Algeria [H in MNHN].

DISTRIBUTION: **Palaeartic:** Algeria.

**matilei**

*Anthrax matilei* Evenhuis, 1991a: 281. TYPE LOCALITY: New Caledonia (New Caledonia) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** New Caledonia (New Caledonia).

**melanista**

*Argyromoeba melanista* Bezzi, 1925: 221. TYPE LOCALITY: Egypt [L designated by El Hawagry *et al.* (2000: 104) in ESEC].

DISTRIBUTION: **Palaeartic:** Egypt.

**melanius**

*Anthrax melanius* Wulp, 1885b: 84. TYPE LOCALITY: Indonesia (Java) [2S in RMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** PNG (PNG). **Oriental:** Indonesia (Java).

**melanopogon**

*Argyromoeba melanopogon* Bigot, 1892: 348. TYPE LOCALITY: “Amérique du Nord” [= USA (Washington)] [L designated by Painter & Painter (1962: 77) in BMNH\*].

DISTRIBUTION: **Nearctic:** Canada (British Columbia), USA (Arizona, California, Colorado, Idaho, Montana, New Mexico, Oregon, Utah, Washington).

**mendozanus**

*Anthrax mendozana* Brèthes, 1909: 90. TYPE LOCALITY: Argentina [H in MACN].  
DISTRIBUTION: **Neotropical**: Argentina.

**midas**

*Anthrax midas* Fabricius, 1805: 124. TYPE LOCALITY: “America meridionali” [1S in ZMUC].  
*Anthrax guianica* Curran, 1934a: 362. TYPE LOCALITY: “British Guiana” [= Guyana] [H in AMNH\*].  
*Anthrax mexicanus* Cole, 1957: 202. TYPE LOCALITY: Mexico (Chiapas) [H in CAS].  
DISTRIBUTION: **Neotropical**: Brazil (Acre, Amazonas, Goiás, Mato Grosso, Minas Gerais, Rio Grande do Norte, São Paulo), Colombia, Costa Rica, Guyana, Mexico (Chiapas, Yucatán), Venezuela.

**minimaculatus**

*Anthrax minimaculatus* Oldroyd, 1938: 83. TYPE LOCALITY: Argentina [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Argentina.

**monachus**

*Chalcamoeba monacha* Sack, 1909: 523. TYPE LOCALITY: Iran [L designated by Zaitzev & Kandybina (1983: 28) in ZIS].  
DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Iran, Kyrgyz Republic, Tajikistan, Turkmenistan, Turkey, Uzbekistan.

**mongolicus**

*Anthrax mongolicus* Paramonov, 1935: 8, 22 (key only) [1936b: 127]. TYPE LOCALITY: Mongolia [L designated by Zaitzev & Kandybina (1983: 29) in ZIS].  
DISTRIBUTION: **Palaeartic**: China (Nei Monggol), Mongolia.

**moursyi**

*Anthrax moursyi* El Hawagry, 1999: 109. TYPE LOCALITY: Egypt [H in EFC].  
DISTRIBUTION: **Palaeartic**: Egypt.

**munroi**

*Anthrax munroi* Hesse, 1956a: 399. TYPE LOCALITY: South Africa (Gauteng) [2S in NMSA\*].  
*Anthrax munroi* var. *willowmorensis* Hesse, 1956a: 401. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Gauteng).

**muticus**

*Spongostylum muticum* Bezzi, 1921a: 125. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].  
DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**namaensis**

*Anthrax namaensis* Hesse, 1956a: 401. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].  
DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**nanellus**

*Anthrax nanellus* Paramonov, 1935: 15, 30 (key only) [1936b: 129]. TYPE LOCALITY: “Transkaspien” [= Turkmenistan (see Paramonov, 1936b: 129)] [H in SIZK].  
DISTRIBUTION: **Palaeartic**: Turkmenistan.



**neonanus**

*Anthrax nanus* Hesse, 1956a: 393. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in BMNH\*]. [Preoccupied by Paramonov, 1935.]

*Anthrax neonanus* Evenhuis & Greathead, 1999: 309) (new replacement name for *Anthrax nanus* Hesse, 1956).

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**nidicola**

*Anthrax nidicola* Cole, 1952: 126. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**nigerrimus**

*Anthrax nigerrimus* Bezzi, 1923b: 325. TYPE LOCALITY: Kenya [Kibwézi] [2S in MNHN].

*Anthrax nigerrimus* Bezzi, 1924a: 164. TYPE LOCALITY: Kenya [Luchi River] [H in BMNH\*]. [Preoccupied by Bezzi, 1923.]

*Anthrax nigerrimus* ssp. *ocellatus* Bezzi, 1924a: 165. TYPE LOCALITY: “Uganda Protectorate” [= Uganda] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Congo, Kenya, Malawi, Tanzania, Uganda.

**nigriventris**

*Anthrax pluto* ssp. *nigriventris* Marston, 1970: 25. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos, Tamaulipas), USA (Florida, Georgia, Texas). **Neotropical**: Cuba.

**nitidus**

*Spongostylum nitidum* Austen, 1937: 118. TYPE LOCALITY: Israel (West Bank) [4S in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel (West Bank).

**niveicaudus**

*Argyramoeba niveicauda* Brunetti, 1920: 224. TYPE LOCALITY: India (Kerala & West Bengal) [3S in NZSI].

DISTRIBUTION: **Oriental**: Bangladesh, India (Bihar, Kerala, Tamil Nadu, West Bengal), Malaysia (Peninsular), Singapore.

**nubeculosus**

*Anthrax nubeculosus* Hesse, 1956a: 392. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**obscurifrons**

*Argyramoeba obscurifrons* Brunetti, 1909b: 216. TYPE LOCALITY: India (Himachal Pradesh) [H in NZSI].

DISTRIBUTION: **Oriental**: India (Himachal Pradesh, Karnataka).

**oedipus**

*Anthrax oedipus* Fabricius, 1805: 123. TYPE LOCALITY: “Americae meridionalis Insulis” [= U.S. Virgin Is] [L designated by Painter & Painter (1962: 78) in ZMUC].

*Anthrax irrorata* Macquart, 1840: 60 [1841: 338]. TYPE LOCALITY: “Caroline” [error, probably = Neotropical] [L designated by Evenhuis & Greathead (1999: 648) in BMNH\*]. [Preoccupied by Say, 1823.]

*Exoprosopa punctata* Macquart, 1850: 412(108). TYPE LOCALITY: “Amérique méridionale” [4S in BMNH\*]. [Preoccupied by Meigen, 1820.]

*Anthrax punctum* Walker, 1849: 253. TYPE LOCALITY: “Brazil” [T in UNKN].

*Anthrax aequa* Walker, 1852: 192. TYPE LOCALITY: “South America” [= Brazil (see Marston, 1970: 17)] [H in BMNH\*].

*Argyro-moeba caloptera* Schiner, 1868b: 121. TYPE LOCALITY: “Südamerika” [= Venezuela (see Marston, 1970: 17)] [H in NMW]. [Preoccupied by Pallas, 1818.]

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Nayarit, Morelos, Sinaloa, Sonora), USA (Nevada, Texas). **Neotropical:** Argentina, Brazil (Acre, Goiás, Minas Gerais, Paraná, Rio de Janeiro), British Virgin Is, Chile, Costa Rica, Cuba, Jamaica, Mexico (Chiapas, Oaxaca), Paraguay, Peru, Puerto Rico, U.S. Virgin Is, Uruguay, Venezuela.

### opacus

*Anthrax opacus* Yeates & Lambkin, 1998: 1027. TYPE LOCALITY: Australia (Queensland) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland, SA).

### painteri

*Anthrax argyropygus* ssp. *painteri* Marston, 1970: 71. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona).

### palaesticus

*Anthrax palaesticus* Zaitzev, 1997: 901 [1998b: 647]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic:** Israel.

### pargriscens

*Anthrax pargriscens* Paramonov, 1935: 14, 28, 29 (key only) [1936b: 106]. TYPE LOCALITY: “Turkestan” [= Kazakhstan & Uzbekistan (see Paramonov, 1936b: 106)] [1S in SIZK].

DISTRIBUTION: **Palaeartic:** Kazakhstan, Turkmenistan, Uzbekistan.

### pauper

*Argyro-moeba pauper* Loew, 1869c: 29 [1872c:143]. TYPE LOCALITY: USA (Illinois) [H in MCZ\*].

DISTRIBUTION: **Nearctic:** Canada (Ontario), USA (Alabama, Colorado, Illinois, Indiana, Kansas, Maryland, Massachusetts, Michigan, Nebraska, New Jersey, New Mexico, New York, Oklahoma, Pennsylvania, Texas, Utah, Vermont, Virginia, Wisconsin).

### pelopeius

*Anthrax pelopeius* François, 1966a: 169. TYPE LOCALITY: Greece [H in KBIN\*].

DISTRIBUTION: **Palaeartic:** Greece, Italy.

### peruvianus

*Anthrax peruvianus* Marston, 1970: 19. TYPE LOCALITY: Peru [H in USNM\*].

DISTRIBUTION: **Neotropical:** Peru.

**pervius**

*Anthrax pervius* Yang, Yao & Cui, 2012: 80. TYPE LOCALITY: China (Zhejiang) [H in SEMCAS].

DISTRIBUTION: **Oriental:** China (Zhejiang).

**phaeopteralis**

*Anthrax phaeopteralis* Hesse, 1956a: 396. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical:** Namibia, South Africa (Northern Cape).

**pharaonis**

*Anthrax pharaonis* Paramonov, 1935: 15, 30 (key only) [1936b: 138]. TYPE LOCALITY: Egypt [H (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Palaeartic:** Egypt.

**picea**

*Anthrax albofasciatus* ssp. *picea* Marston, 1963: 42. TYPE LOCALITY: Canada (Yukon) [H in CNC\*].

DISTRIBUTION: **Nearctic:** Canada (Alberta, British Columbia, Manitoba, Northwest Territories, Ontario, Quebec, Saskatchewan, Yukon), USA (Idaho, Montana, New Hampshire, Oregon, Washington).

**pilosulus**

*Anthrax isis* var. *pilosulus* Strobl, 1902: 465 [1904: 523]. TYPE LOCALITY: Turkey [4S in NMBA].

*Anthrax pilosulus* var. *tadzhikorom* Paramonov, 1935: 13, 14, 28, 29 (key only) [1936b: 108, 110]. TYPE LOCALITY: “Turkestan” [= Uzbekistan (see Paramonov, 1936b: 108, 110)] [2S in SIZK].

*Anthrax strobli* Paramonov, 1936b: 108, 109. [Unavailable; name proposed in synonymy with *Anthrax pilosulus* Strobl and not made available before 1961.]

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, Greece (incl. Lefkas), Gruzia, Israel, Italy, Kyrgyz Republic, Macedonia, Moldova, Russia (SET), Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**pithecius**

*Anthrax pithecius* Fabricius, 1805: 122. TYPE LOCALITY: “Guinea” [= Ghana] [1S in ZMUC].

*Anthrax conspurcata* Wiedemann, 1828: 264. TYPE LOCALITY: “Vom Kap” [= South Africa (Western Cape)] [2S in ZMHB\*].

*Anthrax confluens* Macquart, 1840: 60 [1841: 338]. TYPE LOCALITY: “Patrie inconneue” [= Afrotropical] [H in MNHN\*].

*Anthrax terminus* Walker, 1849: 252. TYPE LOCALITY: “South Africa” [1S in BMNH\*].

*Anthrax confusemaculata* Macquart, 1855: 94(74) (as “*confuse-maculata*”). TYPE LOCALITY: South Africa (KwaZulu-Natal) [4S in BMNH\*].

*Anthrax spectabilis* Loew, 1860a: 89 [1860b: 285; 1860c: 213]. TYPE LOCALITY: “Caf-fraria” [= South Africa (Eastern Cape)] & “Cap. B. Sp.” [= South Africa (Western Cape)] [2S in NHRS].

*Argyromoeba perfecta* Becker, 1922: 58. TYPE LOCALITY: Sudan [H in NMW\*].

*conspirata*, error for *conspurcata*.

DISTRIBUTION: **Afrotropical:** Angola, Benin, Botswana, Chad, Congo, Eritrea, Ethiopia, Ghana, Kenya, Lesotho, Malawi, Mali, Mauritania, Namibia, Nigeria, Senegal, Sierra Leone, South Africa (Eastern Cape, Free State, KwaZulu-Natal, Mpumalanga, Northern Province, Western Cape), Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe.

**plesius**

*Anthrax plesius* Curran, 1927a: 84. TYPE LOCALITY: Canada (British Columbia) [H in CNC\*].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (California, Colorado, Idaho, Oregon, Utah, Washington, Wyoming).

**pluricellus**

*Anthrax pluricellus* Williston, 1901: 277. TYPE LOCALITY: Mexico (Veracruz-Llave) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Tamaulipas, Veracruz-Llave).

**plurinotus**

*Argyromoeba plurinota* Bigot, 1892: 350. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Argentina, Chile.

**pluto**

*Anthrax pluto* Wiedemann, 1828: 261. TYPE LOCALITY: USA (Kentucky) [L designated by Painter & Painter (1962: 80) in NMW].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Illinois, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nebraska, New Hampshire, New York).

**pori**

*Anthrax pori* Zaitzev, 1997: 903 [1998b: 647]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaearctic**: Israel.

**praedicans**

*Anthrax praedicans* Walker, 1859: 112. TYPE LOCALITY: Indonesia (Sulawesi) [T in UNKN].

DISTRIBUTION: **Oriental**: Indonesia (Sulawesi).

**proconcisus**

*Anthrax concisa* Macquart, 1850: 415(111). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [= eastern Australia] [H in MNHN\*]. [Preoccupied by Macquart, 1840.]

*Villa proconcisus* Hardy, 1942: 203 (new replacement name for *Anthrax concisa* Macquart, 1850).

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, Queensland, SA, Victoria).

**punctulatus**

*Anthrax punctata* Macquart, 1834: 408. TYPE LOCALITY: France [4S in BMNH\*]. [Preoccupied by Meigen, 1820.]

*Anthrax punctulata* Macquart, 1835: 662 (new replacement name for *Anthrax punctata* Macquart, 1834).

DISTRIBUTION: **Palaearctic**: France, Italy, Switzerland.

**puncturellus**

*Anthrax puncturellus* Hesse, 1950: 23. TYPE LOCALITY: “South West Africa” [= Namibia] [2S in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique, Namibia, Zimbabwe.

**pusillus**

*Anthrax pusilla* Wiedemann, 1821a: 100 [1821b: 150]. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [H in ZMUC].

DISTRIBUTION: **Afrotropical**: Botswana, South Africa (Eastern Cape, Western Cape), Tanzania.

**putealis**

*Anthrax putealis* Matsumura, 1905: 82. TYPE LOCALITY: Japan [H in EIHU].

DISTRIBUTION: **Palaeartic**: Japan.

**reperius**

*Anthrax reperia* Walker, 1852: 188. TYPE LOCALITY: “South America” [H in BMNH\*].

*Anthrax inexacta* Walker, 1857: 140. TYPE LOCALITY: “Valley of the Amazon” [= Brazil (Amazonas or Pará)] [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Bolivia, Brazil (Amazona, Pará), Costa Rica, Ecuador, Honduras, Paraguay.

**repetekianus**

*Anthrax repetekianus* Paramonov, 1935: 14, 29 (key only) [1936b: 143]. TYPE LOCALITY: “Transkaspien” [= Turkmenistan (see Paramonov, 1936b: 143)] [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Tajikistan, Turkmenistan, Uzbekistan.

**rhodesiensis**

*Anthrax rhodesiensis* Hesse, 1956a: 411. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**ricardoae**

*Argyromoeba fuscipennis* Ricardo, 1903: 366. TYPE LOCALITY: Yemen (Sokotra) [H in BMNH\*]. [Preoccupied by Macquart, 1834.]

*Anthrax ricardoae* Greathead, 2003: 91 (new replacement name for *Argyromoeba fuscipennis* Ricardo).

DISTRIBUTION: **Afrotropical**: Yemen (Sokotra).

**sacki**

*Anthrax sacki* Paramonov, 1935: 12, 26 (key only) [1936b: 110]. TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Iran, Turkmenistan, Uzbekistan.

**sahariensis**

*Anthrax sahariensis* François, 1968b: 91. TYPE LOCALITY: Algeria [H in MNHN].

DISTRIBUTION: **Palaeartic**: Algeria.

**semiscitus**

*Anthrax semiscita* Walker, 1856b: 118. TYPE LOCALITY: Malaysia (Sarawak) [T in UNKN].

*Anthrax tripunctata* Wulp, 1869: 109. TYPE LOCALITY: Indonesia (Irian Jaya) [H in RMNH]. [Preoccupied by Wiedemann, 1820.]

DISTRIBUTION: **Australasian/Oceanian**: ?French Polynesia (Society Is), Indonesia (Irian Jaya), PNG (Bismarck Arch, Bougainville I, PNG), Solomon Is. **Oriental**: Indonesia (Sulawesi), Malaysia (Sarawak), Philippines.

**seriepunctatus**

*Argyromoeba seriepunctata* Osten Sacken, 1886b: 103. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 81) in BMNH\*].

DISTRIBUTION: **Neartic**: Mexico (Baja California Sur, Sonora, Puebla), USA (Arizona, Nevada, New Mexico, Texas).

**shelkovnikovi**

*Anthrax shelkovnikovi* Paramonov, 1935: 10, 24 (key only) [1936b: 145]. TYPE LOCALITY: Armenia [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan.

**siccus**

*Anthrax funestus* Yeates & Lambkin, 1998: 1024. TYPE LOCALITY: Australia (WA) [H in ANIC]. [Preoccupied by Walker, 1849.]

*Anthrax siccus* Yeates & Lambkin in Evenhuis & Greathead, 1999: 314 (new replacement name for *Anthrax funestus* Yeates & Lambkin, 1998).

DISTRIBUTION: **Australasian/Oceanian**: Australia (Victoria, WA).

**simillimus**

*Anthrax simillimus* Hesse, 1956a: 415. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**snowi**

*Anthrax snowi* Marston, 1966: 94. [Unavailable; name proposed in an unpublished thesis.]

*Anthrax snowi* Marston, 1970: 62. TYPE LOCALITY: USA (Arizona) [H in SEMC].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**spathistylus**

*Anthrax spathistylus* Hesse, 1956a: 443. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal, Western Cape).

**squalidus**

*Anthrax squalida* Philippi, 1865: 672. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

*Argyromoeba crinita* Bigot, 1892: 349. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**squamipes**

*Anthrax plumipes* Hesse, 1956a: 390. TYPE LOCALITY: "Southern Rhodesia" [= Zimbabwe] [H in SAMC]. [Preoccupied by Philippi, 1873.]

*Anthrax squamipes* Bowden, 1980: 411 (new replacement name for *Anthrax plumipes* Hesse, 1956).

DISTRIBUTION: **Afrotropical**: Kenya, South Africa (Northern Province), Tanzania, Uganda, Zambia, Zimbabwe.

**stellans**

*Argyromoeba stellans* Loew, 1869c: 28 [1872c: 142]. TYPE LOCALITY: USA (Oregon) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (British Columbia, Ontario, Quebec), Mexico (Morelos), USA (California, Colorado, Georgia, Idaho, New Hampshire, Oregon, Utah, Washington, Wyoming).

**stepensis**

*Anthrax stepensis* Paramonov, 1935: 14, 16, 29, 31 (key only) [1936b: 112]. TYPE LOCALITY: "Transkaspien" [= Turkmenistan (see Paramonov, 1936b: 112) [2S in SIZK; the specimen from Nei Monggol in Paramonov (1936b: 112) is not a part of the original 1935 type series, though listed as such in Zaitzev (1989a: 123)].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol), Tajikistan, Turkmenistan, Uzbekistan.

**sticticalis**

*Anthrax sticticalis* Hesse, 1956a: 420. TYPE LOCALITY: South Africa (Western Cape) [17S in SAMC; 2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**sticticus**

*Anthrax stictica* Klug, 1832: pl. 30, fig. 14. TYPE LOCALITY: “Arabia felici” [= Saudi Arabia (see Baker, 1997: 195)] [H in ZMHB\*].

*Argyramoeba polystigma* Sack, 1909: 534. TYPE LOCALITY: Cyprus & Greece & Turkey [1S (destroyed) in HNHM (see Note 9); 3S in ZSMC].

*Spongostylum quinquemaculatum* Bezzi, 1920: 105. TYPE LOCALITY: “Guinea Portoghese” [= Guinea-Bissau] [5S in MCSN].

*Spongostylum quinquemaculatum* Bezzi, 1924a: 170. TYPE LOCALITY: Senegal [H in BMNH\*]. [Preoccupied by Bezzi, 1920.]

DISTRIBUTION: **Afrotropical**: Chad, Eritrea, Guinea-Bissau, Nigeria, Senegal. **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Cyprus, Egypt, Greece, Gruzia, Iran, Israel (incl. West Bank), Italy (incl. Sicily), Kyrgyz Republic, Macedonia, Oman, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**striatipennis**

*Anthrax irroratus* ssp. *striatipennis* Marston, 1970: 13. TYPE LOCALITY: USA (Georgia) [H in CUIC].

DISTRIBUTION: **Nearctic**: USA (Alabama, Florida, Georgia, South Carolina).

**submacrocerus**

*Anthrax submacrocerus* Paramonov, 1935: 8, 23 (key only) [1936b: 147]. TYPE LOCALITY: “Transkaspien” [= Turkmenistan (see Paramonov, 1936b: 147)] & Uzbekistan [1S in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**submaculus**

*Anthrax submacula* Walker, 1849: 260. TYPE LOCALITY: Sierra Leone [T (lost) in BMNH (J.E. Chainey, pers. comm.)].

DISTRIBUTION: **Afrotropical**: Sierra Leone.

**succedens**

*Anthrax succedens* Walker, 1852: 192. TYPE LOCALITY: Not given [= unknown] [H in BMNH\*].

DISTRIBUTION: **Patria Ignota**: Unknown.

**tetraspilus**

*Anthrax tetraspilus* Hesse, 1956a: 410. TYPE LOCALITY: South Africa (Northern Cape) [1S in NMSA\*; 11S in SAMC; 1S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**theodori**

*Anthrax theodori* Zaitzev, 1997: 904 [1998b: 648]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel.

**torulus**

*Anthrax torulus* Yeates & Lambkin, 1998: 1001. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, Queensland, WA).

**transcaspicus**

*Anthrax transcaspicus* Paramonov, 1935: 10, 12, 25, 27 (key only) [1936b: 113].

TYPE LOCALITY: "Transkaspien" [= Turkmenistan (see Paramonov, 1936b: 113)] [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Turkmenistan, Uzbekistan.

**triatomus**

*Anthrax triatomus* Hesse, 1956a: 418. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, KwaZulu-Natal, Northern Cape).

**trifasciatus**

*Anthrax trifasciata* Meigen, 1804: 206. TYPE LOCALITY: France [T in UNKN].

*Anthrax leucogaster* Wiedemann in Meigen, 1820: 163. TYPE LOCALITY: "Oesterreich" [probably = Austria] [4S in NMW\*].

*Anthrax capitulata* Mulsant, 1852a: 11 [1852b: 182]. TYPE LOCALITY: France [T in UNKN].

*Argyroamoeba heteropyga* Sack, 1909: 531. TYPE LOCALITY: France (Corsica) [3S in ZSMC].

DISTRIBUTION: **Oriental**: Pakistan. **Palaeartic**: Afghanistan, Albania, Algeria, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Egypt, France (incl. Corsica), Greece (incl. Corfu, Ithaca, Rhodes, Santorini, Zakynthos), Hungary, Italy (incl. Sicily), Kyrgyz Republic, Macedonia, Malta, Morocco, Oman, Poland, Slovakia, Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Yugoslavia.

**triguttellus**

*Anthrax triguttellus* Hesse, 1956a: 431. TYPE LOCALITY: South Africa (Western Cape) [4S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**trimaculatus**

*Anthrax trimaculata* Macquart, 1848: 194(34). TYPE LOCALITY: "Brésil" [= Brazil or Uruguay] [H in BMNH\*].

*Argyroamoeba imitans* Schiner, 1868b: 122. TYPE LOCALITY: "Südamerika" [= Venezuela (see Marston, 1970: 99)] [H in NMW].

DISTRIBUTION: **Neotropical**: Argentina, Brazil (Bahia, Ceará, Mato Grosso do Sul, Minas Gerais, Paraíba, Pernambuco, Rio Grande do Sul, São Paulo), Panama, Uruguay, Venezuela.

**trisinuatus**

*Anthrax trisinuatus* Hesse, 1956a: 449. TYPE LOCALITY: South Africa (Western Cape) [1S in NMSA\*; 56S in SAMC; 6S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**trixus**

*Anthrax trixus* Bowden, 1964a: 84. TYPE LOCALITY: "Ashanti" [= Ghana] [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**turanicus**

*Anthrax turanicus* Paramonov, 1935: 15, 30 (key only) [1936b: 151]. TYPE LOCALITY: "Transkaspien" [= Turkmenistan (see Paramonov, 1936b: 151)] [H in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.



**tureus**

*Anthrax tureus* Greathead, 1980a: 241. TYPE LOCALITY: Oman [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Oman, Saudi Arabia.

**turkmenorum**

*Anthrax turkmenorum* Paramonov, 1935: 14, 29 (key only) [1936b: 152]. TYPE LOCALITY: Turkmenistan [L designated by Zaitzev & Kandybina (1983: 39) in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**umbrosus**

*Anthrax umbrosus* Greathead, 1970: 103. TYPE LOCALITY: Mauritania [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Mauritania, Niger.

**uralensis**

*Anthrax uralensis* Paramonov, 1935: 9, 23 (key only) [1936b: 154]. TYPE LOCALITY: Russia (SET) [H in SIZK].

DISTRIBUTION: **Palaeartic**: Moldova, Russia (SET), Ukraine.

**vallicola**

*Anthrax limatulus* ssp. *vallicola* Marston, 1963: 28. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**varicolor**

*Argyromoeba varicolor* Bigot, 1892: 347. TYPE LOCALITY: “Amerique du Nord: Colombie” [= northwest USA] [H in BMNH\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Idaho, Oregon, Washington).

**varius**

*Anthrax varia* Fabricius, 1794: 259. TYPE LOCALITY: “Gallia” [= France] [H (lost) in MNHN (originally in Bosc Collection)].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Italy (incl. Sicily), Latvia, Lithuania, Macedonia, Moldova, Morocco, Netherlands, Poland, Romania, Russia (CET, ES, SET), Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine.

**vierecki**

*Sporogostylum vierecki* Cresson, 1919: 180. TYPE LOCALITY: USA (New Mexico) [H in ANSP].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico, Texas).

**virgo**

*Anthrax virgo* Egger, 1859: 396. TYPE LOCALITY: Italy (Sicily) [H in ZMHB\*].

*Argyromoeba velox* Loew, 1862a: 82. TYPE LOCALITY: Italy (Sicily) [1S in UMO\*].

*Argyromoeba virgo* var. *pedemontana* Griffini, 1896: 2. TYPE LOCALITY: Italy [T in UNKN (sold at auction)].

*Sporogostylum comatum* Austen, 1937: 127. TYPE LOCALITY: Israel [H in BMNH\*].

*Anthrax virgo* ssp. *hellenicus* François, 1966a: 174. TYPE LOCALITY: Greece [H in KBIN\*].

DISTRIBUTION: **Palaeartic**: Albania, Algeria, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, France, Greece (incl. Ithaca, Lesbos, Zakynthos), Gruzia, Hungary, Israel, Italy (incl. Sicily), Libya, Malta, Morocco, Saudi Arabia, Spain, Tunisia, Turkey.

**vitreolus**

*Anthrax vitreolus* François, 1972a: 14. TYPE LOCALITY: Senegal [H in KBIN\*].  
DISTRIBUTION: **Afrotropical**: Senegal.

**wulpi**

*Anthrax trimaculatus* Wulp, 1869: 110. TYPE LOCALITY: Indonesia (Timor) [H in RMNH]. [Preoccupied by Macquart, 1848.]  
*Anthrax wulpi* Bowden, 1975b: 176 (new replacement name for *Anthrax trimaculatus* Wulp, 1869).  
DISTRIBUTION: **Oriental**: Indonesia (Timor), Philippines.

**xanthellus**

*Anthrax xanthellus* Zaitzev, 1976c: 693. TYPE LOCALITY: Iraq [H in ZIS].  
DISTRIBUTION: **Palearctic**: Iraq.

**xanthomeros**

*Anthrax xanthomeros* Marston, 1966: 60. [Unavailable; name proposed in an unpublished thesis.]  
*Anthrax xanthomeros* Marston, 1970: 52. TYPE LOCALITY: Belize [H in MCZ\*].  
DISTRIBUTION: **Neotropical**: Belize.

**xerozous**

*Anthrax xerozous* Hesse, 1956a: 402. TYPE LOCALITY: "South-West Africa" [= Namibia] [H in SAMC].  
DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**zohrayensis**

*Anthrax zohrayensis* El Hawagry, 2002: 4. TYPE LOCALITY: Egypt [H in EFC].  
DISTRIBUTION: **Afrotropical**: Egypt.

**zonabriphagus**

*Argyromoeba zonabriphaga* Portschinsky, 1895: 14. TYPE LOCALITY: Russia (CET) [L designated by Zaitzev & Kandybina (1983: 41) in ZIS].  
DISTRIBUTION: **Palearctic**: Belarus, Estonia, Kazakhstan, Latvia, Lithuania, Moldova, Russia (CET, SET), Ukraine.

Genus **BRACHYANAX** Evenhuis

**BRACHYANAX** Evenhuis, 1981a: 190. Type species: *Brachyanax thelestrephones* Evenhuis, 1981 [= *Anthrax satellitia* Walker, 1856], by original designation

**acroleucus**

*Argyromoeba acroleuca* Bigot, 1892: 349. TYPE LOCALITY: "Chine?" [H in BMNH\*].  
DISTRIBUTION: **Oriental** or **Palearctic**: ?China.

**ater**

*Anthrax ater* Roberts, 1928a: 140. TYPE LOCALITY: Australia (Queensland) [H (lost) in MAMU].  
*Brachyanax australensis* Evenhuis, 1981a: 197. TYPE LOCALITY: Australia (Queensland) [H in BPBM\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland). **Oriental**: Indonesia (Nusa Tenggara).

**aterrimus**

*Anthrax atterima* Doleschall, 1858: 93. TYPE LOCALITY: Indonesia (Sulawesi) [L designated by Evenhuis (1988a: 68) in MVMA\*].

*Anthrax proferens* Walker, 1859: 113. TYPE LOCALITY: Indonesia (Sulawesi) [L designated by Evenhuis (1988a: 68) in MVMA\* (same specimen as for *Anthrax atterima* Doleschall)].

*Anthrax yamashiroensis* Matsumura, 1916: 334. TYPE LOCALITY: Japan [H in EIHU\*].

*Anthrax philippinensis* Evenhuis & Arakaki, 1980: 318. TYPE LOCALITY: Philippines [H in BPBM\*].

*Brachyanax oceanicus* Evenhuis, 1981a: 197. TYPE LOCALITY: Solomon Is [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** Indonesia (Maluku), PNG (Bismarck Arch, PNG), Solomon Is. **Oriental:** Indonesia (Sulawesi), Philippines. **Palaeartic:** Japan.

**bifuscatipennis**

*Anthrax bifuscatipennis* Evenhuis & Arakaki, 1980: 317. TYPE LOCALITY: Philippines [H in BPBM\*].

DISTRIBUTION: **Oriental:** Philippines.

**chichijimensis**

*Brachyanax chichijimensis* Evenhuis, 1981a: 195. TYPE LOCALITY: Bonin Is [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** Bonin Is.

**costalis**

*Brachyanax costalis* Evenhuis, 1981a: 194. TYPE LOCALITY: Laos [H in BPBM\*].

DISTRIBUTION: **Oriental:** Laos.

**gentilis**

*Argyramoeba gentilis* Brunetti, 1909a: 449, 470. TYPE LOCALITY: India (West Bengal) [H in NZSI].

DISTRIBUTION: **Oriental:** India (Assam, West Bengal), Malaysia (Peninsular).

**hemipenthes**

*Brachyanax hemipenthes* Evenhuis, 1988a: 69. TYPE LOCALITY: Malaysia (Sabah) [H in BPBM\*].

DISTRIBUTION: **Oriental:** Malaysia (Sabah).

**leucostigma**

*Anthrax terminalis* Wulp, 1869: 108. TYPE LOCALITY: Indonesia (Maluku) [H in RMNH]. [Preoccupied by Wiedemann, 1830.]

*Anthrax leucostigma* Wulp, 1898: 419 (new replacement name for *Anthrax terminalis* Wulp, 1869).

DISTRIBUTION: **Australasian/Oceanian:** Indonesia (Maluku), PNG (PNG).

**magnipennis**

*Brachyanax magnipennis* Evenhuis, 1981a: 195. TYPE LOCALITY: Solomon Is [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** Solomon Is.

**papuanus**

*Brachyanax papuanus* Evenhuis, 1981a: 198. TYPE LOCALITY: PNG (PNG) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian:** PNG (PNG).

**perniger**

*Brachyanax perniger* Evenhuis & Yukawa, 1986: 453. TYPE LOCALITY: Indonesia (Krakatau I) [H in MBBJ\*].

DISTRIBUTION: **Oriental:** Indonesia (Java, Krakatau I).

**satellitius**

*Anthrax satellitia* Walker, 1856b: 119. TYPE LOCALITY: Malaysia (Sarawak) [H in BMNH\*].

*Brachyanax thelestrephones* Evenhuis, 1981a: 196. TYPE LOCALITY: Malaysia (Sabah) [H in BPBM\*].

*satellita*, error for *satellitius*.

DISTRIBUTION: **Australasian/Oceanian:** Indonesia (Maluku). **Oriental:** Indonesia (Kalimantan), Malaysia (Peninsular, Sabah, Sarawak).

Genus **DICRANOCLISTA** Bezzi

*COQUILLETIA* Williston, 1896: 65. Type species: *Spogostylum vandykei* Coquillett, 1894, by prior monotypy (Coquillett, 1894a: 94). [See Evenhuis (1991b: 30–31) for explanation of type fixation.] [Preoccupied by Uhler, 1890.]

**DICRANOCLISTA** Bezzi, 1924a: 178. Type species: *Dicranoclista simpsoni* Bezzi, 1924, by original designation.

**auliae**

*Dicranoclista auliae* Greatead, 1993: 469. TYPE LOCALITY: Sudan [H in ZMAN\*].

DISTRIBUTION: **Afrotropical:** Sudan.

**fasciata**

*Dicranoclista fasciata* Johnson & Johnson, 1959b: 70. TYPE LOCALITY: USA (Utah) [H in BYU\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, Idaho, Oregon, Utah, Washington).

**simpsoni**

*Dicranoclista simpsoni* Bezzi, 1924a: 180. TYPE LOCALITY: Gambia [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Gambia, Senegal.

**vandykei**

*Spogostylum vandykei* Coquillett, 1894a: 94. TYPE LOCALITY: USA (California) [3S in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California, Texas, Wyoming).

Genus **SATYRAMOEBA** Sack

**SATYRAMOEBA** Sack, 1909: 517. Type species: *Anthrax hetrusca* Fabricius, 1794 (as “*etrusca*”), by original designation.

**MEGANTHRAX** Evenhuis, 1979b: 362. Type species: *Anthrax bipunctata* Fabricius, 1805, by original designation.

**bipunctata**

*Anthrax bipunctata* Fabricius, 1805: 118. TYPE LOCALITY: “Tranquebariae” [= India (Tamil Nadu)] [L. designated by Evenhuis (1979b: 362) in ZMUC\*].

*Anthrax carbonaria* Walker, 1852: 173. TYPE LOCALITY: “East India” [= India] [H in BMNH\*].

DISTRIBUTION: **Oriental:** Bangladesh, India (Assam, Bihar, Maharashtra, Tamil Nadu, West Bengal), Pakistan.

### hetrusca

*Anthrax hetrusca* Fabricius, 1794: 257. TYPE LOCALITY: “Italia” [1S in ZMUC].

*Bombylius haeruscus*: Turton, 1801: 684 (incorrect subsequent spelling for *Anthrax hetrusca* Fabricius, 1794).

*Anthrax rubiginipennis* Macquart, 1840: 57 [1841: 335]. TYPE LOCALITY: “De la Perse” [= Iran] & Egypt [1S in MNHN].

*Anthrax formosa* Dufour, 1852: 7. TYPE LOCALITY: Spain [T (lost) in MNHN].

*Anthrax etrusca* Bezzi in Becker, Bezzi, Bischof, Kertész & Stein, 1903: 171 (unjustified emendation of *Anthrax hetrusca* Fabricius, 1794).

DISTRIBUTION: **Palaeartic:** Afghanistan, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, France, Greece, Gruzia, Iran, Israel, Italy, Japan, Macedonia, Romania, Russia (SET), Spain, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

### Genus SPOGOSTYLUM Macquart

**SPOGOSTYLUM** Macquart, 1840: 53 [1841: 331]. Type species: *Spogostylum mystaceum* Macquart, 1840 [= *Anthrax tripunctatus* Wiedemann, 1820], by monotypy.

**SPONGOSTYLUM** Agassiz, 1846b: 349 (unjustified emendation of *Spogostylum* Macquart, 1840). Type species: *Spogostylum mystaceum* Macquart, 1840 [= *Anthrax tripunctatus* Wiedemann, 1820], automatic.

**ARGYROMOEBEA** Schiner, 1860a: 51. Type species: *Anthrax tripunctatus* Wiedemann, 1820, by designation of Coquillett (1910b: 510).

**ARGYRAMOEBEA** Loew, 1869b: 228 [1872a: 114; 1872c: 290] (unjustified emendation of *Argyromoeba* Schiner 1860). Type species: *Anthrax tripunctatus* Wiedemann, 1820, automatic.

**ANTHRACAMOEBEA** Sack, 1909: 515. Type species: *Anthracoamoeba obscura* Sack, 1909, by original designation.

**CHRYSAMOEBEA** Sack, 1909: 516. Type species: *Chrysamoeba vulpina* Sack, 1909, by original designation. [Preoccupied by Klebs, 1892.]

**MOLYBDAMOEBEA** Sack, 1909: 510, 519. Type species: *Anthrax tripunctatus* Wiedemann, 1820, by original designation.

**PSAMATAMOEBEA** Sack, 1909: 536. Type species: *Anthrax isis* Meigen, 1820, by original designation.

**CONIOMASTIX** Enderlein, 1934: 140. Type species: *Coniomastix montana* Enderlein, 1934, by original designation.

**AUREOMOEBEA** Evenhuis, 1978d: 247 (new replacement name for *Chrysamoeba* Sack, 1909). Type species: *Chrysamoeba vulpina* Sack, 1909, automatic.

**SPOGASTYLUM**, incorrect original spelling of *Spogostylum* (Macquart, 1840: pl. 19, fig. 1 [1841: pl. 19, fig. 1]).

### admirabile

*Spogostylum admirabile* Zaitzev, 1977a: 481. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic:** Tajikistan.

### aetheocoma

*Argyramoeba aetheocoma* Hesse, 1956a: 458. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

**afghanicola**

*Spongostylum afghanicola* François, 1969e: 178. TYPE LOCALITY: Afghanistan [H in ZSMC].

DISTRIBUTION: **Palaeartic**: Afghanistan.

**alashanicum**

*Spongostylum alashanicum* Paramonov, 1957: 137. TYPE LOCALITY: China (Nei Monggol) [H in ZIS].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol).

**arenivagum**

*Spongostylum arenivagum* Austen, 1937: 115. TYPE LOCALITY: Israel (Gaza Strip) [2S in BMNH\*].

DISTRIBUTION: **Palaeartic**: Iraq, Israel (incl. Gaza Strip).

**austeni**

*Spongostylum austeni* Brunetti, 1920: 213. TYPE LOCALITY: Pakistan [H in BMNH\*].

DISTRIBUTION: **Oriental**: Pakistan.

**bisniphas**

*Argyramoeba bisniphas* Bezzi, 1925: 223. TYPE LOCALITY: Egypt [L designated by El Hawagry et al. (2000: 107) in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt.

**bucharensense**

*Spongostylum bucharensense* Paramonov, 1957: 132. TYPE LOCALITY: Tajikistan [H in ZIS].

*Anthrax paramonovella* Hull, 1973: 441 (unnecessary new replacement name for *Spongostylum bucharensense* Paramonov, 1957).

DISTRIBUTION: **Palaeartic**: Tajikistan.

**candidum**

*Psamatamoeba candida* Sack, 1909: 538. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Oriental**: Pakistan. **Palaeartic**: Egypt, Iran, Saudi Arabia, Turkey, United Arab Emirates.

**caucasicum**

*Spongostylum caucasicum* Zaitzev, 1961: 415. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Mongolia, Turkey.

**cinereum**

*Spongostylum cinereum* Zaitzev, 1961: 418. TYPE LOCALITY: Gruzia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Gruzia, Iran, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**dagomba**

*Argyramoeba dagomba* Bowden, 1964a: 93. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Chad, Ivory Coast, Eritrea, Ethiopia, Ghana, Kenya, Niger, Somalia, Sudan, Yemen. **Palaeartic**: Egypt, Saudi Arabia.

**decipiens**

*Molybdamoeba decipiens* Bezzi, 1912: 619. TYPE LOCALITY: “North Nyasa” [= Malawi] & “Nyasaland” [= Malawi] [7S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Zambia, Zimbabwe.

**deserticola**

*Spogostylum deserticola* Zaitzev, 1976d: 118. TYPE LOCALITY: Turkmenistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**doctum**

*Spogostylum doctum* Paramonov, 1957: 150. TYPE LOCALITY: Turkmenistan [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**dubium**

*Spogostylum dubium* Zaitzev, 1961: 416. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Kazakhstan, Mongolia, Turkey.

**duvaucelii**

*Anthrax duvaucelii* Macquart, 1840: 63 [1841: 341] TYPE LOCALITY: “Bengale” [= India (Bihar or West Bengal)] [H in MNHN\*].

DISTRIBUTION: **Oriental**: India (Andhra Pradesh, Bihar, Himachal Pradesh, Karnataka, Uttar Pradesh, West Bengal), Pakistan, Sri Lanka.

**efflatouni**

*Spogostylum efflatouni* Paramonov, 1957: 147. TYPE LOCALITY: Egypt [H (lost) in SIZK].

*Spogostylum sergeiae* Hull, 1973: 441 (unnecessary new replacement name for *Spogostylum efflatouni* Paramonov, 1957).

DISTRIBUTION: **Palaeartic**: Egypt.

**falkovitshi**

*Spogostylum falkovitshi* Zaitzev, 1976d: 117. TYPE LOCALITY: Uzbekistan [H in ZIS].

*falkovifshi*, incorrect original spelling of *falkovitshi* (Zaitzev, 1976d: 118).

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**flavescens**

*Spogostylum flavescens* Sack, 1909: 512. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palaeartic**: Iran.

**flavipenne**

*Spogostylum flavipennis* Sack, 1909: 513. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palaeartic**: Iran.

**fracidum**

*Argyramoeba fracida* Bowden, 1964a: 88. TYPE LOCALITY: Ghana [H in JB].

*Spogostylum fracidum* var. *albicans* Bowden in Deeming, 1973: 65. *Nomen nudum*.

DISTRIBUTION: **Afrotropical**: Gambia, Ghana, Nigeria, Senegal.

**fraterculum**

*Argyramoeba fratercula* Bowden, 1964a: 95. TYPE LOCALITY: Ghana [H in JB].  
DISTRIBUTION: **Afrotropical**: Ghana.

**fulvastrum**

*Argyramoeba fulvastra* Bowden, 1964a: 92. TYPE LOCALITY: Ghana [H in JB]  
DISTRIBUTION: **Afrotropical**: Chad, Ghana, Mali.

**fuscipenne**

*Spongostylum fuscipenne* Zaitzev, 1976d: 126. TYPE LOCALITY: Turkmenistan [H in ZIS].  
DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**griseipenne**

*Exoprosopa griseipennis* Macquart, 1850: 408(104). TYPE LOCALITY: Egypt [2S in UMO\*].  
DISTRIBUTION: **Afrotropical**: Mauritania, Niger. **Palaeartic**: Egypt, Iraq, Israel (incl. West Bank), Libya, Saudi Arabia, Tunisia, United Arab Emirates.

**grunini**

*Spongostylum grunini* Zaitzev, 1976d: 127. TYPE LOCALITY: Kazakhstan [H in ZIS].  
DISTRIBUTION: **Palaeartic**: Kazakhstan, Turkmenistan, Uzbekistan.

**hamadnallahi**

*Spongostylum hamadnallahi* El Hawagry, 2002: 6. TYPE LOCALITY: Egypt [H in EFC].  
DISTRIBUTION: **Palaeartic**: Egypt.

**helenae**

*Spongostylum helenae* Paramonov, 1957: 139. TYPE LOCALITY: Kazakhstan [H (lost in SIZK)].  
DISTRIBUTION: **Palaeartic**: Kazakhstan, Mongolia.

**hippolyta**

*Anthrax hippolyta* Wiedemann, 1828: 287. TYPE LOCALITY: “Nubien” [= Egypt (from type specimen label data)] [3S in ZMHB\*; 2S in NMW\*].  
*Anthromoeba dedecor* Hermann, 1907: 197. TYPE LOCALITY: Turkey [T in ZSMC].  
*Anthrax villosa* Klug in Hull, 1973: 441. *Nomen nudum*.  
DISTRIBUTION: **Afrotropical**: Eritrea, Gambia, Guinea, Mali, Mauritania, Senegal, Sudan. **Palaeartic**: Egypt, Iran, Israel, Libya, Tajikistan, Turkey, Turkmenistan, United Arab Emirates.

**immaculatum**

*Argyramoeba immaculata* Bowden, 1964a: 94. TYPE LOCALITY: Ghana [H in JB].  
DISTRIBUTION: **Afrotropical**: Ghana, Mali, Senegal.

**incisurale**

*Anthrax incisuralis* Macquart, 1840: 57 [1841: 335]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN (originally in Serville Collection)].  
*Anthrax biappendiculata* Macquart, 1855: 95(75). TYPE LOCALITY: “Océanie, cap des Aiguilles” [error, = South Africa (Western Cape)] [2S in BMNH\*].  
*Anthrax mixta* Loew, 1860a: 89 [1860b: 284; 1860c: 212]. TYPE LOCALITY: “Swakop” [= Namibia] [1S in ZMHB\*; 1S in NHRS].  
*Molybdamoeba incisuralis* var. *inquirenda* Bezzi, 1912: 618. TYPE LOCALITY: “North Nyasa” [= Malawi] [2S in BMNH\*].



*Argyramoeba incisuralis* f. *aridicola* Hesse, 1956a: 462. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].

*Argyramoeba incisuralis* f. *glaucescens* Hesse, 1956a: 462. TYPE LOCALITY: South Africa (Eastern Cape) [2S in NMSA\*].

*Argyramoeba incisuralis* f. *fumosa* Hesse, 1956a: 463. TYPE LOCALITY: South Africa (Western Cape) [1S in NMSA\*; S in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Lesotho, Malawi, Mozambique, Namibia, South Africa (Eastern Cape, Free State, Northern Cape, Western Cape), Tanzania, Uganda, Zambia, Zimbabwe.

### indigenum

*Argyramoeba indigena* Becker & Stein, 1912: 604. *Nomen nudum*.

*Argyramoeba indigena* Becker in Becker & Stein, 1913a: 571. TYPE LOCALITY: Iran [L designated by Zaitzev (1972d: 904) in ZIS].

DISTRIBUTION: **Palaeartic**: Iran.

### inquinatum

*Spongostylum inquinatum* Zaitzev, 1976d: 129. TYPE LOCALITY: Uzbekistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

### isis

*Anthrax isis* Meigen, 1820: 164. TYPE LOCALITY: “Oesterreich” [probably = Austria] [1S (destroyed) in NMW (see Note 18); 1S in UNKN].

*Anthrax subnotata* Walker, 1871a: 262. TYPE LOCALITY: Egypt [T (lost) in BMNH (see Waterhouse, 1906: 598)]. [Preoccupied by Wiedemann, 1820.]

DISTRIBUTION: **Afrotropical**: ?Mali. **Palaeartic**: Algeria, Armenia, Austria, Azerbaijan, Belgium, Croatia, Cyprus, Egypt, France, Greece, Gruzia, Iran, Israel, Italy, Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Morocco, Portugal, Saudi Arabia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

### karavaievi

*Spongostylum karavaievi* Paramonov, 1924a: 136. TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Turkmenistan.

### kozlovi

*Spongostylum kozlovi* Paramonov, 1957: 130. TYPE LOCALITY: China (Nei Monggol) [L designated by Zaitzev & Kandybina (1983: 25) in ZIS].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol), Mongolia.

### lehri

*Spongostylum lehri* Zaitzev, 1976d: 120. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

### leucopogon

*Molybdamoeba leucopogon* Bezzi, 1912: 618. TYPE LOCALITY: “North Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

### longipenne

*Anthrax longipennis* Macquart, 1840: 58 [1841: 336]. TYPE LOCALITY: Iraq [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Iraq.

**massauense**

*Argyromoeba massauensis* Jaenicke, 1867b: 336 [1868: 28]. TYPE LOCALITY: Eritrea [H in SMFD].

DISTRIBUTION: **Afrotropical**: Eritrea.

**montanum**

*Coniomastix montana* Enderlein, 1934: 141. TYPE LOCALITY: Tajikistan [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tajikistan.

**monticola**

*Spongostylum monticola* Paramonov, 1957: 134. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia, Tajikistan.

**niphas**

*Argyromoeba niphas* Hermann, 1907: 194. TYPE LOCALITY: “Transcaspian” [T in ZSMC].

*Spongostylum niphas* var. *bilineata* Engel, 1936a: 448. TYPE LOCALITY: Israel [1S in SMNS].

DISTRIBUTION: **Afrotropical**: Eritrea, Mauritania, Somalia, Yemen. **Oriental**: Pakistan. **Palaeartic**: Egypt, Israel, Oman, Saudi Arabia, Tajikistan, Turkey, Turkmenistan.

**niphoides**

*Spongostylum niphoides* Greathead, 1980b: 321. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Saudi Arabia.

**nomas**

*Anthrax nomas* Eversmann, 1855: 201. TYPE LOCALITY: Kazakhstan [L designated by Zaitzev & Kandybina (1983: 30) in ZIS].

*Anthrax nomada* Eversmann in Paramonov, 1927c: 169(169). *Nomen nudum*.

DISTRIBUTION: **Palaeartic**: Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**obscurum**

*Anthraxamoeba obscura* Sack, 1909: 516. TYPE LOCALITY: Iran [L designated by Zaitzev & Kandybina (1983: 31) in ZIS].

DISTRIBUTION: **Palaeartic**: Afghanistan, Iran, Tajikistan, Turkmenistan, Uzbekistan.

**obuchovae**

*Spongostylum obuchovae* Paramonov, 1957: 133. TYPE LOCALITY: Kazakhstan [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Uzbekistan.

**ochrum**

*Spongostylum ochrum* Greathead, 1967: 248. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Sudan.

**ocyale**

*Anthrax ocyale* Wiedemann, 1828: 285. TYPE LOCALITY: “Nubien” [= Sudan] [L designated by Evenhuis & Greathead (1999: 650) in ZMHB\*].

*Anthrax umbra* Walker, 1849: 245. TYPE LOCALITY: Not given [= unknown] [H in BMNH\*].

*Spogostylum arugotense* Zaitzev, 1997: 909 [653]. TYPE LOCALITY: Israel [H in ZIS].  
 DISTRIBUTION: **Afrotropical**: Somalia, Sudan, Yemen. **Palaeartic**: Egypt, Iran, Israel (incl. West Bank), Jordan, Kuwait, Libya, Oman, Saudi Arabia, United Arab Emirates.

#### **pamirensis**

*Spogostylum pamirensis* Paramonov, 1957: 134. TYPE LOCALITY: Tajikistan [H in ZIS].  
 DISTRIBUTION: **Palaeartic**: Tajikistan.

#### **parobscurum**

*Spogostylum parobscurum* Paramonov, 1957: 146. TYPE LOCALITY: Turkmenistan & Uzbekistan [5S (lost) in SIZK].  
 DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

#### **perpusillum**

*Spogostylum perpusillum* Austen, 1937: 125. TYPE LOCALITY: Israel (West Bank) [H in BMNH\*].  
 DISTRIBUTION: **Palaeartic**: Israel (West Bank).

#### **persicum**

*Anthrax persica* Macquart, 1840: 58 [1841: 336]. TYPE LOCALITY: “De la Perse” [= Iran] [H in MNHN\*].  
*percious*, error for *persicum*.  
 DISTRIBUTION: **Palaeartic**: Iran.

#### **princeps**

*Spogostylum princeps* Bezzi, 1924a: 176. TYPE LOCALITY: “Kenya Colony” [= Kenya] [5S in BMNH\*].  
 DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia, Kenya, Nigeria, Uganda.

#### **punctipenne**

*Anthrax punctipennis* Wiedemann, 1821a: 90 [1821b: 140]. TYPE LOCALITY: “Prom. b. sp.” [= South Africa (Western Cape)] [1S in ZMUC; 1S in NMW\*].  
*Anthrax punctulata* Macquart, 1840: 56 [1841: 334]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN (originally in Serville Collection)]. [Pre-occupied by Macquart, 1835.]  
*Anthrax sexnotata* Macquart, 1855: 96(76) [as “*sex notata*”, p. 96(76); as “*sex-notata*”, p. 149(129)]. TYPE LOCALITY: “Patrie inconnue” [= South Africa] [H in BMNH\*].  
 DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

#### **punicisetosum**

*Argyramoeba punicisetosa* Hesse, 1955: 398. TYPE LOCALITY: South Africa (Northern Province) [H in NMSA\*].  
 DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Province), Zambia.

#### **pyncopelte**

*Argyramoeba pyncopeltis* Hesse, 1956a: 456. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].  
 DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**robusculum**

*Spongostylum robusculum* Zaitzev, 1977a: 483. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan.

**robustale**

*Argyromoeba robustalis* Hesse, 1956a: 455. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal), Zimbabwe.

**robustum**

*Spongostylum robustum* Zaitzev, 1976d: 124. TYPE LOCALITY: Turkmenistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Afghanistan, Tajikistan, Turkmenistan, Uzbekistan.

**rudolfae**

*Spongostylum rudolfae* Zaitzev, 1976d: 130. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan.

**rufulum**

*Spongostylum rufulum* Zaitzev, 1961: 420. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Turkey.

**saturatum**

*Spongostylum saturatum* Bezzi, 1924a: 173. TYPE LOCALITY: Sierra Leone [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Sierra Leone.

**sordidum**

*Spongostylum sordidum* Sack, 1909: 514. TYPE LOCALITY: Iran [H in ZIS].

*Spongostylum antiopa* Bezzi, 1925: 221. TYPE LOCALITY: Egypt [H in ESEC].

DISTRIBUTION: **Palaeartic**: Afghanistan, Egypt, Iran, Oman, Saudi Arabia, Tajikistan, Turkmenistan, Uzbekistan.

**stackelbergi**

*Spongostylum stackelbergi* Paramonov, 1957: 148. TYPE LOCALITY: Azerbaijan [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia.

**subanthrax**

*Spongostylum subanthrax* Bezzi, 1924a: 169. TYPE LOCALITY: Sierra Leone [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ivory Coast, Nigeria, Senegal, Sierra Leone.

**tenebrosus**

*Spongostylum tenebrosus* Paramonov, 1957: 138. TYPE LOCALITY: Kazakhstan [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Turkmenistan.

**trinotatum**

*Anthrax trinotata* Dufour, 1852: 9. TYPE LOCALITY: Spain [T (lost) in MNHN].

*Argyromoeba trimaculata* Becker, 1908: 18. TYPE LOCALITY: Canary Is [S in ZMUC; 2S in ZMHB\*].

*Argyromoeba palmensis* Santos Abreu, 1926: 72(32). [Unavailable; name proposed in synonymy with *Argyromoeba trimaculata* Becker and not made available before 1961.]

*Argyramoeba trimaculata* var. *areolata* Santos Abreu, 1926: 72(32). TYPE LOCALITY: Canary Is [S in MABC].

*Argyramoeba trimaculata* var. *ultraareolata* Santos Abreu, 1926: 72(32). TYPE LOCALITY: Canary Is [S in MABC].

DISTRIBUTION: **Palaeartic:** Canary Is, Egypt, France, Italy, Spain, Tunisia, Yugoslavia.

### tripunctatum

*Anthrax tripunctata* Pallas in Wiedemann, 1818a: 13. *Nomen nudum*.

*Anthrax tripunctata* Wiedemann in Meigen, 1820: 166. TYPE LOCALITY: “Auf der tau-rischen Halbinsel” [= Russia (SET)] [1S in NMW\*].

*Anthrax difficilis* Wiedemann in Meigen, 1820: 167. TYPE LOCALITY: “Dalmatien” [= Croatia] [3S in ZMHB\*].

*Spogostylum mystaceum* Macquart, 1840: 53 [1841: 331]. TYPE LOCALITY: Egypt [H in MNHN\*; N designated by Hall (1976a: 169) in MEUC invalid (see Appendix 1 for further details).

DISTRIBUTION: **Palaeartic:** Afghanistan, Albania, Algeria, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Egypt, France, Greece (incl. Ithaca), Gruzia, Iran, Israel, Italy, Kyrgyz Republic, Libya, Macedonia, Malta, Moldova, Morocco, Russia (SET), Spain, Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

### tsharykulievi

*Spogostylum tsharykulievi* Zaitzev, 1971: 895. TYPE LOCALITY: Turkmenistan [H in ZIS].

DISTRIBUTION: **Palaeartic:** Tajikistan, Turkmenistan, Mongolia.

### turcmenicum

*Spogostylum turcmenicum* Paramonov, 1927a: 103(85). TYPE LOCALITY: Turkmenistan [2S in ZMUM; 2S in SIZK].

DISTRIBUTION: **Palaeartic:** Israel, Tajikistan, Turkmenistan, Uzbekistan.

### turkmenicola

*Spogostylum turkmenicola* Paramonov, 1957: 149. TYPE LOCALITY: Iran & Tajikistan & Turkmenistan [1S in ZIS; 14S (lost) in SIZK].

DISTRIBUTION: **Palaeartic:** Iran, Tajikistan, Turkmenistan, Uzbekistan.

### uralense

*Spogostylum uralense* Zaitzev, 1976d: 121. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaeartic:** Kazakhstan.

### variabile

*Spogostylum variabile* Zaitzev, 1976d: 122. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaeartic:** Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

### ventrale

*Spogostylum ventrale* Bezzi, 1924a: 174. TYPE LOCALITY: “Kenya Colony” [= Kenya] & “South Abyssinia” [= Ethiopia] [7S in BMNH\*].

DISTRIBUTION: **Afrotropical:** Eritrea, Ethiopia, Kenya, Yemen (Abd-el-Kuri). **Palaeartic:** Egypt, Oman.

### volitans

*Anthrax volitans* Wiedemann, 1828: 566. TYPE LOCALITY: Egypt & “Nubien” [= Egypt or Sudan] [1S in NMW\*; 3S in SMFD; 1S in ZMHB\*].

DISTRIBUTION: **Afrotropical:** Sudan. **Palaeartic:** Egypt.

**vulpinum**

*Chrysamoeba vulpina* Sack, 1909: 517. TYPE LOCALITY: Iran [H in ZIS].  
*Argyromoeba brunnica* Becker & Stein, 1912: 604. *Nomen nudum*.  
*Argyromoeba brunnica* Becker in Becker & Stein, 1913a: 570. TYPE LOCALITY:  
 Iran [L designated by Zaitzev (1972d: 902) in ZIS].  
 DISTRIBUTION: **Palaeartic**: Iran.

**zaitzevi**

*Spongostylum punctipennis* Zaitzev, 1961: 420. TYPE LOCALITY: Armenia [H in ZIS].  
 [Preoccupied by Wiedemann, 1821.]  
*Spongostylum zaitzevi* Evenhuis & Greathead, 1999: 330 (new replacement name for  
*Spongostylum punctipennis* Zaitzev, 1961).  
*zaitzev*, incorrect spelling of *zaitzevi* (Dils & Özbek, 2006: 479)  
 DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Israel, Turkey.

Genus **THRAXAN** Yeates & Lambkin

**THRAXAN** Yeates & Lambkin, 1998: 1027. Type species: *Thraxan simulatus* Yeates &  
 Lambkin, 1998, by original designation.

**abditus**

*Thraxan abditus* Yeates & Lambkin, 1998: 1030. TYPE LOCALITY: Australia (Queens-  
 land) [H in QM].  
 DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**acutus**

*Thraxan acutus* Yeates & Lambkin, 1998: 1031. TYPE LOCALITY: Australia (Queens-  
 land) [H in ANIC].  
 DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**caligneus**

*Thraxan caligneus* Yeates & Lambkin, 1998: 1034. TYPE LOCALITY: Australia (Queens-  
 land) [H in QM].  
 DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**cinctus**

*Thraxan cinctus* Yeates & Lambkin, 1998: 1037. TYPE LOCALITY: Australia (Queens-  
 land) [H in QM].  
 DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, NT, Queensland, WA).

**cornuatus**

*Thraxan cornuatus* Yeates & Lambkin, 1998: 1039. TYPE LOCALITY: Australia (WA)  
 [H in WADA].  
 DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, Queensland, WA).

**depressus**

*Thraxan depressus* Yeates & Lambkin, 1998: 1041. TYPE LOCALITY: Australia (NSW)  
 [H in AMS].  
 DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, NT, Queensland).

**ebeneus**

*Thraxan ebeneus* Yeates & Lambkin, 1998: 1042. TYPE LOCALITY: Australia (ACT) [H  
 in ANIC].  
 DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, Queensland).

**echinatus**

*Thraxan echinatus* Yeates & Lambkin, 1998: 1044. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, Queensland, WA).

**emicatus**

*Thraxan emicatus* Yeates & Lambkin, 1998: 1045. TYPE LOCALITY: Australia (NT) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, WA).

**hamulus**

*Thraxan hamulus* Yeates & Lambkin, 1998: 1046. TYPE LOCALITY: Australia (Queensland) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**luteus**

*Thraxan luteus* Yeates & Lambkin, 1998: 1047. TYPE LOCALITY: Australia (NT) [H in MVMA].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, Queensland, WA).

**misatulus**

*Thraxan misatulus* Yeates & Lambkin, 1998: 1049. TYPE LOCALITY: Australia (WA) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, NT, Queensland, Victoria, WA).

**nodus**

*Thraxan nodus* Yeates & Lambkin, 1998: 1051. TYPE LOCALITY: Australia (Queensland) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland).

**norrisi**

*Thraxan norrisi* Yeates & Lambkin, 1998: 1052. TYPE LOCALITY: Australia (WA) [H in WADA].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**obstipus**

*Thraxan obstipus* Yeates & Lambkin, 1998: 1054. TYPE LOCALITY: Australia (NT) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, NT, Queensland).

**patielus**

*Thraxan patielus* Yeates & Lambkin, 1998: 1055. TYPE LOCALITY: Australia (NSW) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, Queensland).

**planus**

*Thraxan planus* Yeates & Lambkin, 1998: 1056. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, Queensland, WA).

**prolatus**

*Thraxan prolatus* Yeates & Lambkin, 1998: 1057. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

**simulatus**

*Thraxan simulatus* Yeates & Lambkin, 1998: 1028. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**spiculus**

*Thraxan spiculus* Yeates & Lambkin, 1998: 1059. TYPE LOCALITY: Australia (Queensland) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

Genus **TURKMENIELLA** Paramonov

**TURKMENIELLA** Paramonov, 1940a: 43, 44. Type species: *Turkmeniella magnifica* Paramonov, 1939, by monotypy.

*TURKMENIALLA*, incorrect original spelling of *Turkmeniella* (Paramonov, 1940a: 43).

*TURKMENIELA*, incorrect original spelling of *Turkmeniella* (Paramonov, 1940a: 46, 47).

**crosci**

*Argyramoeba crosci* Villeneuve, 1910: 301. TYPE LOCALITY: Algeria [3S in KBIN\*].

DISTRIBUTION: **Palearctic**: Algeria, Morocco.

**magnifica**

*Turkmeniella magnifica* Paramonov, 1940a: 44, 47. TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palearctic**: Turkmenistan.

Genus **WALKEROMYIA** Paramonov

**WALKEROMYIA** Paramonov, 1934a: 22. Type species: *Anthrax lurida* Walker, 1857, by original designation.

**lurida**

*Anthrax lurida* Walker, 1857: 139. TYPE LOCALITY: "Valley of the Amazon" [= Brazil (Amazonas or Pará)] [1S in BMNH\*; 1S in MVMA].

DISTRIBUTION: **Neotropical**: Brazil (Amazonas, Pará, Rio Grande do Sul, Roraima), Paraguay, Trinidad & Tobago.

**plumipes**

*Anthrax plumipes* Philippi, 1873: 307. TYPE LOCALITY: Argentina [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical**: Argentina.



Genus **XENOX** Evenhuis

*STYMPHALINA* Hull, 1973: 445. Type species: *Nemotelus tigrinus* De Geer, 1776 (as “*Anthrax tigrinus*”), by monotypy. *Nomen nudum*.

**XENOX** Evenhuis, 1985a: 166. Type species: *Nemotelus tigrinus* De Geer, 1776, by original designation.

**delila**

*Argyromoeba delila* Loew, 1869c: 38 [1872c: 142]. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (California).

**habrosus**

*Anthrax simson* ssp. *habrosus* Marston, 1970: 120. TYPE LOCALITY: USA (Arizona) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Baja California Sur, Durango, Guerrero, Michoacán de Ocampo, Morelos, Nayarit, Sinaloa, Sonora), USA (Arizona, California). **Neotropical**: Mexico (Chiapas, Oaxaca).

**nigritus**

*Nemotelus quintus* Schaeffer, 1768: pl. 53, fig. 3. [Unavailable; name proposed in a non-binominal work.]

*Bibio nigrita* Fabricius, 1775: 757. TYPE LOCALITY: “America” [= Suriname (from type specimen label data)] [2S in HMUG\*; the specimen in BMNH noted by Painter & Painter (1962: 142) was found during this study to not be *Bibio nigrita*].

*Oestrus noveboracensis* Houttuyn in Lichtenstein, 1796: 215. [Unavailable; name proposed in synonymy with *Bibio nigrita* Fabricius and not made available before 1961.]

*Anthrax simson* Fabricius, 1805: 119. TYPE LOCALITY: “America meridionali” [5S in ZMUC].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Guerrero, San Luis Potosí, Tamaulipas, Veracruz-Llave). **Neotropical**: Bahamas, Costa Rica, Cuba, Guatemala, Nicaragua, Panama, Suriname, Venezuela.

**tigrinus**

*Nemotelus tigrinus* De Geer, 1776: 206. TYPE LOCALITY: “Pensylvanie” [probably = USA (Pennsylvania)] [2S in NHRS].

*Anthrax scripta* Say, 1823: 43. TYPE LOCALITY: USA (Pennsylvania) [T (destroyed) in ANSP (see Note 25)].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Alabama, Arkansas, Connecticut, Delaware, District of Columbia, Florida, Georgia, Illinois, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Virginia, West Virginia).

**xylocopae**

*Anthrax xylocopae* Marston, 1970: 117. TYPE LOCALITY: USA (New Mexico) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Sonora), USA (Arizona, New Mexico, Texas).

TRIBE **APHOEBANTINI** BECKER

Genus **APHOEBANTUS** Loew

**APHOEBANTUS** Loew, 1872a: 77 [1872c: 253]. Type species: *Aphoebantus cervinus* Loew, 1872, by monotypy.

*TRIODITES* Osten Sacken, 1877: 245. Type species: *Triodites mus* Osten Sacken, 1877, by monotypy. [Preoccupied by Gistel, 1848.]

*TRIODINA* Hull, 1973: 322 (as subgenus of *Aphoebantus* Loew; new replacement name for *Triodites* Osten Sacken, 1877). Type species: *Triodites mus* Osten Sacken, 1877, automatic.

*MEGANEDYS* Hull, 1973: 322 (as subgenus of *Aphoebantus* Loew). Type species: *Aphoebantus petiolata* Hull, 1973, by original designation.

**abnormis**

*Aphoebantus abnormis* Coquillett, 1891a: 14(262). TYPE LOCALITY: USA (California) [5S in USNM\*].

*inermis*, error for *abnormis*.

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**albicinctus**

*Aphoebantus albicinctus* Paramonov, 1925f: 28. TYPE LOCALITY: Kazakhstan [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**albopilosus**

*Aphoebantus albopilosus* Tabet & Hall, 1987: 83. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**altercinctus**

*Aphoebantus altercinctus* Melander, 1950a: 21. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Nevada).

**arenicola**

*Aphoebantus arenicola* Melander, 1950a: 22. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Nevada, New Mexico, Texas).

**argentifrons**

*Aphoebantus argentifrons* Cole, 1923: 310. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur), USA (Nevada).

**armeniacus**

*Aphoebantus armeniacus* Paramonov, 1925f: 26. TYPE LOCALITY: Armenia [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia.

**balteatus**

*Aphoebantus balteatus* Melander, 1950a: 23. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**barbatus**

*Aphoebantus mus* var. *barbatus* Melander, 1950a: 36. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**bilineatus**

*Aphoebantus bilineatus* Tabet & Hall, 1987: 85. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**bisulcus**

*Aphoebantus bisulcus* Osten Sacken, 1887a: 148. TYPE LOCALITY: Mexico (Sonora) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona).

**borealis**

*Aphoebantus borealis* Cole in Cole & Lovett, 1921: 251. TYPE LOCALITY: USA (Oregon) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California, Nevada, Oregon).

**brevistylus**

*Aphoebantus brevistylus* Coquillett, 1891a: 16(264). TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 654) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**capax**

*Aphoebantus capax* Coquillett, 1891a: 13(261). TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 654) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**carbonarius**

*Aphoebantus carbonarius* Osten Sacken, 1887a: 149. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 64) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (Arizona, California, Kansas, Washington).

**catenarius**

*Aphoebantus catenarius* Melander, 1950a: 24. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**catulus**

*Aphoebantus catulus* Coquillett, 1894a: 107. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 654) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**cervinus**

*Aphoebantus cervinus* Loew, 1872a: 76 [1872c: 252]. TYPE LOCALITY: USA (Texas) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (Kansas, Oklahoma, Texas).

**chilensis**

*Aphoebantus chilensis* Hall, 1976a: 129. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**claripennis**

*Mulio claripennis* Becker, 1903c: 197. TYPE LOCALITY: Turkmenistan [H in ZSMC].  
DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**concinus**

*Epacmus concinns* Coquillett, 1892a: 10. TYPE LOCALITY: USA (California) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (California).

**contiguus**

*Aphoebantus contiguus* Melander, 1950a: 25. TYPE LOCALITY: USA (Utah) [L designated by Evenhuis & Greathead (1999: 654) in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (Utah).

**conurus**

*Aphoebantus conurus* Osten Sacken, 1887a: 146. TYPE LOCALITY: USA (California) [L designated by Painter & Painter (1962: 64–65) in BMNH\* (valid by virtue of I.C.Z.N. Code Art. 74a)].  
DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos), USA (Arizona, California, Oregon).

**costalis**

*Aphoebantus costalis* Paramonov, 1929a: 113(51). TYPE LOCALITY: Turkmenistan [4S (lost) in SIZK].  
DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**cyclops**

*Aphoebantus cyclops* Osten Sacken, 1887a: 146. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 65) in BMNH\*].  
DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona).

**dentei**

*Aphoebantus dentei* d'Andretta & Carrera, 1952: 296. TYPE LOCALITY: Brazil (Acre) [H in MZUSP].  
DISTRIBUTION: **Neotropical**: Brazil (Acre).

**denudatus**

*Aphoebantus denudatus* Melander, 1950a: 27. TYPE LOCALITY: USA (California) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (California).

**desertus**

*Aphoebantus desertus* Coquillett, 1891a: 13(261). TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 654) in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (Arizona, California, Nevada).

**eremicola**

*Aphoebantus eremicola* Melander, 1950a: 28. TYPE LOCALITY: USA (California) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada).

**fumidus**

*Aphoebantus fumidus* Coquillett, 1891a: 15(263). TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 655) in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (California).

**fumosus**

*Epacmus fumosus* Coquillett, 1892a: 11. TYPE LOCALITY: USA (California) [H in USNM\*].

*Aphoebantus fucatus* Coquillett, 1894a: 108. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 655) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada).

**gluteatus**

*Aphoebantus gluteatus* Melander, 1950a: 29. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**halteratus**

*Aphoebantus halteratus* Melander, 1950a: 30. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**hians**

*Aphoebantus hians* Melander, 1950a: 30. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**hirsutus**

*Aphoebantus hirsutus* Coquillett, 1886b: 85. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 655) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Oregon).

**idahoensis**

*Aphoebantus idahoensis* Tabet, 1979: 232. [Unavailable; name proposed in an unpublished thesis.]

*Aphoebantus idahoensis* Tabet, 2001b: 45. TYPE LOCALITY: USA (Idaho) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (Idaho).

**interruptus**

*Aphoebantus interruptus* Coquillett, 1891a: 11(259). TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 655) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada, Oregon, Texas).

**inversus**

*Aphoebantus inversus* Melander, 1950a: 32. TYPE LOCALITY: USA (Utah) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Utah).

**latifrons**

*Aphoebantus latifrons* Paramonov, 1929a: 118(56). TYPE LOCALITY: Turkmenistan [1S (lost) in SIZK; 1S (destroyed) in ZMUH (see Note 6)].

DISTRIBUTION: **Palearctic**: Tajikistan, Turkmenistan, Uzbekistan.

**leucospilus**

*Aphoebantus leucospilus* Tabet & Hall, 1987: 89. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**leviculus**

*Aphoebantus leviculus* Coquillett, 1894a: 107. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 655) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Colorado, New Mexico, Texas, Wyoming).

**maculatus**

*Aphoebantus maculatus* Melander, 1950a: 33. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**marcidus**

*Aphoebantus marcidus* Coquillett, 1891a: 10(258). TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 656) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**marginatus**

*Aphoebantus marginatus* Cole, 1923: 310. TYPE LOCALITY: Mexico (Tiburon I) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Tiburon I), USA (Arizona, California, Nevada, Texas).

**melanogaster**

*Anthrax melanogaster* Bigot, 1892: 358. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**melanomerinx**

*Aphoebantus melanomerinx* Tabet & Hall, 1987: 92. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**micropygus**

*Aphoebantus micropygus* Melander, 1950a: 34. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona).

**mixtus**

*Aphoebantus mixtus* Coquillett, 1891a: 11(250). TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**mormon**

*Aphoebantus mormon* Melander, 1950a: 35. TYPE LOCALITY: USA (Utah) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Nevada, Utah).

**mus**

*Triodites mus* Osten Sacken, 1877: 246. TYPE LOCALITY: USA (Utah) [L designated by Evenhuis (1982b: 13) in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (California, Nevada, Utah).

**nigropilosus**

*Aphoebantus nigropilosus* Tabet & Hall, 1987: 95. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**obtectus**

*Aphoebantus obtectus* Melander, 1950a: 36. TYPE LOCALITY: Mexico (Baja California Norte) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (Arizona, California).

**oxypetes**

*Aphoebantus oxypetes* Tabet & Hall, 1987: 98. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**paraborealis**

*Aphoebantus paraborealis* Tabet, 1979: 238. [Unavailable; name proposed in an unpublished thesis.]

*Aphoebantus paraborealis* Tabet, 2001b: 46. TYPE LOCALITY: USA (Idaho) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (Idaho).

**parkeri**

*Aphoebantus parkeri* Melander, 1950a: 37. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Nevada, Utah).

**pavidus**

*Aphoebantus cervinus* var. *pavidus* Coquillett, 1886b: 87. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 656) in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (California, Nevada).

**pellucidus**

*Epacmus pellucidus* Coquillett, 1892a: 10. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Baja California Sur), USA (California).

**peodes**

*Aphoebantus peodes* Osten Sacken, 1887a: 149. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 67) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Nevada, Oregon).

**persicus**

*Aphoctantus persicus* Becker & Stein, 1912: 604. *Nomen nudum*.

*Aphoebanthus persicus* Becker in Becker & Stein, 1913a: 575. TYPE LOCALITY: Iran [L designated by Zaitzev (1972d: 902) in ZIS].

DISTRIBUTION: **Palaeartic**: Afghanistan, Iran.

**petiolata**

*Aphoebantus petiolata* Hull, 1973: 322. TYPE LOCALITY: "Southwestern United States" [T in UNKN].

DISTRIBUTION: **Nearctic**: "Southwestern United States".

**pusillus**

*Aphoebantus pusillus* Paramonov, 1929a: 119(57). TYPE LOCALITY: Turkmenistan [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**rattus**

*Aphoebantus rattus* Osten Sacken, 1887a: 147. TYPE LOCALITY: USA (Texas) [2S in BMNH\*].

DISTRIBUTION: **Nearctic**: USA (Texas).

**scalaris**

*Aphoebantus scalaris* Melander, 1950a: 39. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada).

**schlingeri**

*Aphoebantus schlingeri* Hall, 1957: 147. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California).

**scriptus**

*Aphoebantus scriptus* Coquillett, 1891a: 12(260). TYPE LOCALITY: Not given [= USA (California) (from type specimen label data)] [L designated by Evenhuis & Greathead (1999: 656) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**separatus**

*Aphoebantus contiguus* var. *separatus* Melander, 1950a: 25. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

**sperryorum**

*Aphoebantus sperryorum* Melander, 1950a: 40. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**squamosus**

*Aphoebantus squamosus* Coquillett, 1891a: 15(263). TYPE LOCALITY: USA (California) [2S in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**subcostalis**

*Aphoebantus costalis* var. *subcostalis* Paramonov, 1929a: 114(52). TYPE LOCALITY: Turkmenistan [2S (lost) in SIZK].

DISTRIBUTION: **Palaearctic**: Turkmenistan.

**tarapacensis**

*Aphoebantus tarapacensis* Hall, 1976a: 131. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**tardus**

*Aphoebantus tardus* Coquillett, 1891a: 10(258). TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 656) in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (California, Nevada).

**timberlakei**

*Aphoebantus timberlakei* Melander, 1950a: 42. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).



**transcaspicus**

*Aphoebantus transcaspicus* Paramonov, 1925f: 27. TYPE LOCALITY: Turkmenistan [5S (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**transitus**

*Leptochilus transitus* Coquillett, 1886b: 83. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 666) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**turkmenicus**

*Aphoebantus turkmenicus* Paramonov, 1929a: 123(61). TYPE LOCALITY: Turkmenistan [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**ursula**

*Aphoebantus ursula* Melander, 1950a: 42. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**varius**

*Aphoebantus varius* Coquillett, 1891a: 8(256). TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 657) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**vasatus**

*Aphoebantus vasatus* Melander, 1950a: 44. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**vittatus**

*Aphoebantus vittatus* Coquillett, 1886b: 86. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 657) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**vulpeculus**

*Aphoebantus vulpecula* Coquillett, 1894a: 107. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 657) in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California), USA (Arizona, California, Nevada, Utah).

**wadensis**

*Aphoebantus wadensis* Bezzi, 1925: 208. TYPE LOCALITY: Egypt [18S in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt, Israel.

**xanthoscelus**

*Aphoebantus xanthoscelus* Tabet & Hall, 1987: 102. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

Genus **CONONEDYS** Hermann

**CONONEDYS** Hermann, 1907: 197. Type species: *Anthrax stenura* Loew, 1871, by original designation.

**CONOGASTER** Hermann, 1907: 199. Type species: *Conogaster erythraspis* Hermann, 1907, by monotypy. [Preoccupied by Brauer & Bergenstamm, 1891.]

**armenica**

*Cononedys armeniaca* Paramonov, 1925g: 92. TYPE LOCALITY: Armenia [H (lost) in SIZK].

*Aphoebantus armenicus* Paramonov, 1929a: 110(48) (new replacement name for *Cononedys armeniaca* Paramonov, 1925, at the time a secondary homonym of *Aphoebantus armeniacus* Paramonov, 1925f) [Valid by virtue of Art. 59b of the I.C.Z.N. Code.].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan.

**bilobata**

*Aphoebantus bilobatus* Bezzi, 1924a: 150. TYPE LOCALITY: "Abyssinia" [= Ethiopia] [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Egypt, Saudi Arabia. **Afrotropical**: Ethiopia.

**bilobatoides**

*Cononedys bilobatoides* El-Hawagry, 2007: 50. TYPE LOCALITY: Egypt [H in EFC].

DISTRIBUTION: **Palaeartic**: Egypt.

**bituberculata**

*Cononedys bituberculata* Becker, 1915a: 322. TYPE LOCALITY: Tunisia [H (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaeartic**: Iran, Israel, Tunisia.

**dichromatopa**

*Aphoebantus dichromatopus* Bezzi, 1925: 207. TYPE LOCALITY: Egypt [7S in ESEC; 1S in EFC; 2S in MSNM].

DISTRIBUTION: **Palaeartic**: Egypt, Israel.

**efflatouni**

*Aphoebantus efflatouni* Bezzi, 1925: 205. TYPE LOCALITY: Egypt [24S in ESEC; 2S in MSNM].

DISTRIBUTION: **Palaeartic**: Egypt, Israel.

**erythraspis**

*Conogaster erythraspis* Hermann, 1907: 199. TYPE LOCALITY: Greece [4S in ZSMC].

DISTRIBUTION: **Palaeartic**: Greece (incl. Corfu), Italy.

**escheri**

*Aphoebantus escheri* Bezzi, 1908a: 28. TYPE LOCALITY: Algeria [4S in MSNM].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Tunisia.

**inornata**

*Aphoebantus inornatus* Greathead, 1967: 237. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea. **Palaeartic**: Saudi Arabia.

**lyneborgi**

*Aphoebantus lyneborgi* François, 1969c: 142. TYPE LOCALITY: Morocco [H in KBIN\*].

DISTRIBUTION: **Palaeartic**: Morocco.

**scutellata**

*Anthrax scutellata* Meigen, 1835: 67 [1838: 64]. TYPE LOCALITY: Not given [= Germany (see Meigen, 1838: 64)] [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: France, Germany, Italy, Poland, Portugal, Spain.

**stenura**

*Anthrax stenura* Loew, 1871: 206 [1872b: 56]. TYPE LOCALITY: Tajikistan [H in ZMHB\*].

*sternurus*, error for *stenura*.

DISTRIBUTION: **Oriental**: Pakistan. **Palaeartic**: Iran, Israel, Tajikistan, Turkmenistan, Turkey, Uzbekistan.

**trischidis**

*Cononedys trischidis* Yang, Yao & Cui, 2012: 82. TYPE LOCALITY: China (Shanghai) [H in SEMCAS].

DISTRIBUTION: **Palaeartic**: China (Shanghai).

Genus **EPACMUS** Osten Sacken

*LEPTOCHILUS* Loew, 1872a: 78 [1872c: 253]. Type species: *Leptochilus modestus* Loew, 1872, by monotypy. [Preoccupied by Saussure, 1852.]

**EPACMUS** Osten Sacken, 1886a: 76 [1887a: 143 (new replacement name for *Leptochilus* Loew, 1872)]. Type species: *Leptochilus modestus* Loew, 1872, by subsequent monotypy (Osten Sacken, 1887a: 143).

[See Evenhuis (1991b: 38–39) for clarification of type fixation of this genus.]

**cirratus**

*Epacmus cirratus* Melander, 1950a: 6. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (New Mexico).

**clunalis**

*Epacmus clunalis* Melander, 1950a: 8. TYPE LOCALITY: USA (Washington) [L designated by Evenhuis & Greathead (1999: 663) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Washington).

**connectens**

*Epacmus connectens* Melander, 1950a: 10. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada).

**labiosus**

*Epacmus labiosus* Melander, 1950a: 11. TYPE LOCALITY: USA (Utah) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Nevada, Utah).

**litus**

*Aphoebantus litus* Coquillett, 1886b: 84. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 655) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada, New Mexico).

**modestus**

*Epacmus modestus* Loew, 1872a: 77 [1872c: 253]. TYPE LOCALITY: USA (Texas) [2S in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Sonora), USA (New Mexico, Texas).

**morsicans**

*Epacmus morsicans* Melander, 1950a: 11. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**nebritis**

*Epacmus nebritis* Coquillett, 1894a: 104. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 663) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

**nitidus**

*Epacmus nitidus* Cole in Cole & Lovett, 1919: 249. TYPE LOCALITY: USA (Oregon) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (Oregon).

**pallidus**

*Epacmus pallidus* Cresson, 1919: 181. TYPE LOCALITY: USA (Texas) [H in ANSP].

DISTRIBUTION: **Nearctic**: USA (Texas, Utah).

**ponderosus**

*Epacmus ponderosus* Melander, 1950a: 13. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**pulvereus**

*Epacmus pulvereus* Melander, 1950a: 13. TYPE LOCALITY: USA (Arizona) [L designated by Evenhuis & Greathead (1999: 663) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Nevada).

**tomentosus**

*Epacmus tomentosus* Melander, 1950a: 14. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

Genus **EUCESSIA** Coquillett

**EUCESSIA** Coquillett, 1886b: 82. Type species: *Eucessia rubens* Coquillett, 1886, by monotypy.

**rubens**

*Eucessia rubens* Coquillett, 1886b: 82. TYPE LOCALITY: USA (California) [10S in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

Genus **EXEPACMUS** Coquillett

**EXEPACMUS** Coquillett, 1894a: 101. Type species: *Exepacmus johnsoni* Coquillett, 1894, by monotypy.

**johnsoni**

*Exepacmus johnsoni* Coquillett, 1894a: 101. TYPE LOCALITY: USA (California) [H in USNM\*].

*Exepacmus nasalis* Melander, 1950b: 152. TYPE LOCALITY: USA (California) [S in USNM].

DISTRIBUTION: **Nearctic**: USA (California, Nevada).

Genus **PTERAULACODES** Hesse

**PTERAULACODES** Hesse, 1956a: 348. Type species: *Pteraulacodes karooensis* Hesse, 1956, by original designation.

**hessei**

*Pteraulacodes hessei* Lindner, 1972: 90. TYPE LOCALITY: “Südwestafrikas” [= Namibia] [2S in ZSMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**karooensis**

*Pteraulacodes karooensis* Hesse, 1956a: 350. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

Genus **PTERAULAX** Bezzi

**PTERAULAX** Bezzi, 1921a: 117. Type species: *Pteraulax flexicornis* Bezzi, 1921, by original designation.

**ausana**

*Pteraulax ausana* Hesse, 1956a: 344. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**braunsi**

*Pteraulax braunsi* Bezzi, 1922a: 81. TYPE LOCALITY: South Africa (Eastern Cape) [H in MSNM].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**cinctalis**

*Pteraulax cinctalis* Hesse, 1956a: 348. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [2S in BMNH\*; 1S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**eremophila**

*Pteraulax eremophila* Hesse, 1956a: 346. TYPE LOCALITY: South Africa (Western Cape) [9S in SAMC\*; 2S in BPBM\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**eurymetopa**

*Pteraulax eurymetopa* Hesse, 1956a: 345. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**flexicornis**

*Pteraulax flexicornis* Bezzi, 1921a: 118. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**latifacies**

*Pteraulax latifacies* Hesse, 1956a: 343. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**oldroydi**

*Pteraulax oldroydi* Abbassian-Lintzen, 1966a: 321. TYPE LOCALITY: Iran [H in TUPH].

DISTRIBUTION: **Palaearctic**: Iran.

**setaria**

*Pteraulax setaria* Hesse, 1956a: 340. TYPE LOCALITY: South Africa (Western Cape) [1S in NMSA\*; 2S in CNC\*; 2S in BPBM\*; 2S in BMNH\*; 158S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

TRIBE **EXOPROSOPINI** BECKER

Genus **ATRICHOCHIRA** Hesse

**ATRICHOCHIRA** Hesse, 1956b: 911. Type species: *Exoprosopa pediformis* Bezzi, 1921, by original designation.

**inermis**

*Exoprosopa inermis* Bezzi, 1912: 638. TYPE LOCALITY: “North Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**commoni**

*Atrichochira commoni* Lambkin & Yeates in Lambkin *et al.*, 2003: 855. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Afrotropical**: Australia (Queensland).

**paramonovi**

*Atrichochira paramonovi* Lambkin & Yeates in Lambkin *et al.*, 2003: 857. TYPE LOCALITY: Australia (NSW) [H in ANIC].

DISTRIBUTION: **Afrotropical**: Australia, NSW, Queensland).

**pediformis**

*Exoprosopa pediformis* Bezzi, 1921a: 160. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

*Exoprosopa pediformis* Bezzi, 1924a: 351]. TYPE LOCALITY: “Nyasaland” [= Malawi] [2S in BMNH\*]. [Preoccupied by Bezzi, 1921.]

DISTRIBUTION: **Afrotropical**: Burundi, Malawi, South Africa (KwaZulu-Natal).

Genus **BALAANA** Lambkin & Yeates

**BALAANA** Lambkin & Yeates in Lambkin *et al.*, 2003: 757. Type-species: *Exoprosopa latelimbata* Bigot, 1892, by original designation.

**abscondita**

*Balaana abscondita* Lambkin & Yeates in Lambkin *et al.*, 2003: 761. TYPE LOCALITY: AUSTRALIA (NSW) [H IN QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, NT, Queensland, SA, Victoria, WA).

**bicuspis**

*Balaana bicuspis* Lambkin & Yeates in Lambkin *et al.*, 2003: 764. TYPE LOCALITY: AUSTRALIA (NT) [H IN NTM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, Victoria, SA, WA).

**centrosa**

*Balaana centrosa* Lambkin & Yeates in Lambkin *et al.*, 2003: 766. TYPE LOCALITY: AUSTRALIA (WA) [H IN AMS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, Queensland, WA).

**efflatounbeyi**

*Exoprosopa efflatounbeyi* Paramonov, 1928a: 226(48) (as “*efflatoun-beyi*”). TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Afrotropical**: Yemen. **Palaeartic**: Egypt, Saudi Arabia.

**gigantea**

*Balaana gigantea* Lambkin & Yeates in Lambkin *et al.*, 2003: 768. TYPE LOCALITY: AUSTRALIA (Queensland) [H IN QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, Victoria, WA).

**grandis**

*Anthrax grandis* Pallas in Wiedemann, 1818a: 10. *Nomen nudum*.

*Anthrax grandis* Wiedemann in Meigen, 1820: 178. TYPE LOCALITY: Portugal & “caspischen Meere” [1S in ZMHB\*; 1S in NMW].

*Anthrax fasciata* Dufour, 1850: 141. TYPE LOCALITY: Spain [H (lost) in MNHN]. [Preoccupied by Meigen, 1804.]

*Exoprosopa turcomana* Portschinsky, 1887: 183. TYPE LOCALITY: Turkmenistan [S in ZIS].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Egypt, France, Greece (incl. Corfu), Gruzia, Iran, Israel (incl. West Bank), Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Moldova, Portugal, Russia (SET), Saudi Arabia, Slovenia, Spain, Tajikistan, Tunisia, Turkey, Turkmenistan, United Arab Emirates, Ukraine, Uzbekistan, Yugoslavia.

**kingcascadensis**

*Balaana kingcascadensis* Lambkin & Yeates in Lambkin *et al.*, 2003: 770. TYPE LOCALITY: AUSTRALIA (WA) [H IN ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, WA).

**latelimbata**

*Exoprosopa latelimbata* Bigot, 1892: 346. TYPE LOCALITY: “Australie” [= Australia (NSW)] [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, Queensland, SA).

**obliquebifasciata**

*Exoprosopa obliquebifasciata* Macquart, 1850: 411(107). TYPE LOCALITY: “Tasmanie” [error, = Australia (NSW) (see Hardy, 1929: 61)] [H in BMNH\*].

*obliquefasciata*, error for *obliquebifasciata*.

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, WA).

**onusta**

*Anthrax onusta* Walker, 1852: 170. TYPE LOCALITY: “Nicopolis?” [= Bulgaria] [H in BMNH\*].

*Exoprosopa truquii* Rondani, 1863: 59 [1864: 59]. TYPE LOCALITY: Cyprus [S in MRSN].

DISTRIBUTION: **Afrotropical**: Yemen. **Palaeartic**: Bulgaria, Cyprus, Greece (Lesbos), Israel, Saudi Arabia, Syria, Turkey.

**tamerlan**

*Exoprosopa tamerlan* Portschninsky, 1887: 185. TYPE LOCALITY: “Asia media” [= Turkmenistan] [L designated by Zaitzev & Kandybina (1983: 38) in ZIS].

*Exoprosopa flavipennis* Brunetti, 1909a: 465. TYPE LOCALITY: India (Bihar) [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Bihar, Karnataka, Orissa), Pakistan. **Palaeartic**: Afghanistan, Iran, Kazakhstan, Tajikistan, Turkmenistan.

Genus **DEFILIPPIA** Lioy

**DEFILIPPIA** Lioy, 1864: 733. Type species: *Anthrax minus* Meigen, 1804, by subsequent designation (Griffini, 1896: 42).

**busiris**

*Exoprosopa busiris* Jaenicke, 1867b: 343 [1868: 35]. TYPE LOCALITY: “Simen” [= Ethiopia] [H in SMFD].

DISTRIBUTION: **Afrotropical**: Ethiopia. **Palaeartic**: Egypt.

**efflatouni**

*Exoprosopa efflatouni* Bezzi, 1925: 240. TYPE LOCALITY: Egypt [S (destroyed) in PPDD (see Note 4); 1S in MSNM].

*Exoprosopa dulcis* Austen, 1936: 199. TYPE LOCALITY: Pakistan [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Mali, Sudan, Yemen. **Oriental**: India (Maharashtra), Pakistan. **Palaeartic**: Algeria, Egypt, Iran, Israel, Saudi Arabia.

**eritreae**

*Exoprosopa eritreae* Greathead, 1967: 274. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Chad, Eritrea, Somalia. **Palaeartic**: Saudi Arabia.

**gentilis**

*Exoprosopa gentilis* Bezzi, 1924a: 314. TYPE LOCALITY: “Nyasaland Protectorate” [= Malawi] [H in BMNH\*].

*Exoprosopa argillocosmia* Hesse, 1956b: 898. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].



DISTRIBUTION: **Afrotropical**: Angola, Malawi, Namibia, South Africa (Western Cape), Tanzania.

### **luteicosta**

*Exoprosopa luteicosta* Bezzi, 1921a: 161. TYPE LOCALITY: “Ovamboland” [= Namibia] & South Africa (Eastern Cape) [1S in NMSA\*; 2S in SAMC].

*Exoprosopa albonigra* Bezzi, 1924a: 349. TYPE LOCALITY: “Nyasaland” [= Malawi] & “Portuguese East Africa” [= Mozambique] [6S in BMNH\*].

*Exoprosopa saskae* Szilády, 1942: 100. TYPE LOCALITY: Tanzania [H (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Afrotropical**: Angola, Botswana, Congo, Ethiopia, Kenya, Malawi, Mozambique, Namibia, Somalia, South Africa (Eastern Cape, Gauteng), Tanzania, Uganda, Zambia, Zimbabwe.

### **minos**

*Anthrax minos* Meigen, 1804: 207. TYPE LOCALITY: France [4S in MNHN\*].

*Anthrax semialba* Pallas & Wiedemann in Wiedemann, 1818a: 14. TYPE LOCALITY: “In australioribus deserti caspici ad Irtin” [= Kazakhstan (see Pont, 1995: 150)] [T in NMW (see Note 20)].

*Nemotelus sideratis* Pallas in Wiedemann, 1818a: 14. [Unavailable name; proposed in synonymy with *Anthrax semialba* Pallas & Wiedemann and not made available before 1961.]

*Anthrax germari* Wiedemann, 1818a: 14. *Nomen nudum*.

*Nemotelus quadricinctus* Pallas in Wiedemann, 1818a: 14. *Nomen nudum*.

*Anthrax germari* Wiedemann in Meigen, 1820: 175. TYPE LOCALITY: “Spalatro in Dalmatien” [= Croatia] & “Südrussland” [= Russia (SET) (see Pont, 1995: 150)] [10S in ZMHB\*; S in NMW].

*Anthrax senilis* Klug, 1832: pl. 30, fig. 10. TYPE LOCALITY: “Syria” [= Lebanon (see Baker, 1997: 194)] [2S in ZMHB\*].

*Exoprosopa albiventris* Macquart, 1840: 39 [1841: 317]. TYPE LOCALITY: “Scio” [= Greece (Chios)] [3S in MNHN\*].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Austria, Azerbaijan, Croatia, Czech Republic, Egypt, France, Germany, Greece (incl. Chios, Rhodes), Gruzia, Hungary, Iran, Israel (incl. West Bank), Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Lebanon, Libya, Moldova, Morocco, Poland, Romania, Russia (SET), Saudi Arabia, Slovakia, Spain, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan.

### **nigrifimbriata**

*Exoprosopa nigrifimbriata* Hesse, 1956b: 890. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Eritrea, Yemen, Zimbabwe. **Palaeartic**: Saudi Arabia.

### **rubescens**

*Exoprosopa rubescens* Bezzi, 1924a: 304. TYPE LOCALITY: Uganda [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Chad, Eritrea, Kenya, Sudan, Tanzania, Uganda.

Genus **DIATROPOMMA** Bowden

**DIATROPOMMA** Bowden, 1962a: 116. Type-species: *Diatropomma carcassoni* Bowden, 1962, by original designation.

**annettae**

*Diatropomma annettae* Greathead & Evenhuis, 2001b: 196. TYPE LOCALITY: Tanzania [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Tanzania.

**carcassoni**

*Diatropomma carcassoni* Bowden, 1962a: 118. TYPE LOCALITY: Kenya [H in JB].

DISTRIBUTION: **Afrotropical**: Kenya.

**claudia**

*Exoprosopa claudia* François, 1960: 284. TYPE LOCALITY: Burundi [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Burundi.

Genus **EULIGYRA** Lambkin & Yeates

**EULIGYRA** Lambkin & Yeates in Lambkin *et al.*, 2003: 866. Type-species: *Hyperalonia mars* Bezzi, 1924, by original designation.

**enderleini**

*Hyperalonia enderleini* Paramonov, 1929b: 186(188). TYPE LOCALITY: Cameroon [L designated by Evenhuis & Greathead (1999: 665) in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Cameroon, Kenya, Malawi, Mozambique, Senegal, Somalia, Tanzania (incl. Zanzibar), Uganda.

**mars**

*Hyperalonia mars* Bezzi, 1924a: 373. TYPE LOCALITY: “Nyasaland” [= Malawi] [9S in BMNH\*; 1S in MSNM].

DISTRIBUTION: **Afrotropical**: Malawi, Mozambique, South Africa (KwaZulu-Natal), Tanzania, Zimbabwe.

**monacha**

*Anthrax monacha* Klug, 1832: pl. 30, fig. 3. TYPE LOCALITY: “Arabia felici” [= Saudi Arabia (see Baker, 1997: 195)] [H in ZMHB\*].

*monarcha*, error for *monacha*.

DISTRIBUTION: **Afrotropical**: Chad, Eritrea, Sudan, Yemen. **Palaeartic**: Oman, Saudi Arabia.

**paris**

*Hyperalonia paris* Bezzi, 1923b: 338. TYPE LOCALITY: “Kenya Protectorate” [= Kenya] [H in MNHN].

*Hyperalonia paris* Bezzi, 1924a: 366. TYPE LOCALITY: Eritrea & “Kenya Colony” [= Kenya] & Nigeria [S in BMNH\*]. [Preoccupied by Bezzi, 1923.]

DISTRIBUTION: **Afrotropical**: Chad, Eritrea, Gambia, Ghana, Kenya, Malawi, Nigeria, Senegal, South Africa (Northern Province), Tanzania, Uganda.

**sisyphus**

*Anthrax sisyphus* Fabricius, 1805: 125. TYPE LOCALITY: “Guinea” [= Ghana] [1S in ZMUC].

DISTRIBUTION: **Afrotropical**: Burundi, Chad, Eritrea, Ethiopia, Ghana, Kenya, Malawi, Niger, Somalia, Tanzania, Uganda.

**venus**

*Exoprosopa venus* Karsch, 1888: 373. TYPE LOCALITY: Tanzania [L designated by Evenhuis & Greathead (1999: 664) in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Tanzania (incl. Zanzibar).

Genus **EXOPROSOPA** Macquart

**EXOPROSOPA** Macquart, 1840: 35 [1841: 313]. Type species: *Anthrax pandora* Fabricius, 1805, by subsequent designation (Coquillett, 1910b: 544) [Designation conserved by Opinion 1632 (I.C.Z.N., 1991: 82).]

*LITORHYNCHUS* Macquart, 1840: 78 [1841: 356]. Type species: *Litorhynchus hamatus* Macquart, 1840 [= *Anthrax heros* Wiedemann, 1819], by subsequent designation (Coquillett, 1910b: 562).

*TRINARIA* Mulsant, 1852a: 20 [1852b: 180]. Type species: *Anthrax interrupta* Mulsant, 1852 [preoccupied, = *Anthrax rutila* Pallas & Wiedemann, 1818], by subsequent designation (Coquillett, 1910b: 617).

*ARGYROSPILA* Rondani, 1856: 162, 202. Type species: *Anthrax jacchus* Fabricius, 1805, by original designation (as “*jaccus*”).

*LITORRHYNCHUS* Verrall in Scudder, 1882: 192 (unjustified emendation of *Litorhynchus* Macquart, 1840). Type species: *Litorhynchus hamatus* Macquart, 1840 [= *Anthrax heros* Wiedemann, 1819], automatic.

*EXOPTATA* Coquillett, 1887a: 13 (as subgenus of *Exoprosopa* Macquart). Type species: *Exoprosopa divisa* Coquillett, 1887, by monotypy.

*CLADODISCA* Bezzi, 1922b: 105 (as subgenus of *Exoprosopa* Macquart). Type species: *Exoprosopa munda* Loew, 1869, by monotypy.

*LITOMYZA* Hull, 1973: 426. Type species: *Litorhynchus hamatus* Macquart, 1840 [= *Anthrax heros* Wiedemann, 1819], by subsequent designation (Evenhuis, 1991b: 48). *Nomen nudum*.

*ARGYROSPYLA*, incorrect original spelling of *Argyrospila* (Rondani, 1856: 162).

**aberrans**

*Exoprosopa aberrans* Paramonov, 1928a: 202(24). TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palearctic**: Tajikistan, Turkmenistan, Uzbekistan.

**abrogata**

*Exoprosopa abrogata* Nurse, 1922a: 637. TYPE LOCALITY: India (Maharashtra) [2S in BMNH\*].

DISTRIBUTION: **Oriental**: India (Maharashtra).

**acrospila**

*Exoprosopa acrospila* Bezzi, 1923b: 335. TYPE LOCALITY: “Kenya Protectorate” [= Kenya] [H in MNHN].

DISTRIBUTION: **Afrotropical**: Kenya.

**actites**

*Exoprosopa actites* Painter in Painter & Painter, 1969: 21. TYPE LOCALITY: Mexico (Veracruz-Llave) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Morelos, Veracruz-Llave).

**affinissima**

*Exoprosopa affinissima* Senior-White, 1924: 392. TYPE LOCALITY: Sri Lanka [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Maharashtra), Sri Lanka.

**agassizi**

*Exoprosopa agassizi* Loew, 1869c: 16 [1872c: 130]. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Colorado, New Mexico, Texas, Utah).

**ahtamara**

*Exoprosopa ahtamara* Dils & Özbek, 2007: 82. TYPE LOCALITY: Turkey [H in ZMAN].

DISTRIBUTION: **Palaeartic**: Turkey.

**albata**

*Exoprosopa albata* Bezzi, 1924a: 323. TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [7S in BMNH\*; 1S in MSNM].

DISTRIBUTION: **Afrotropical**: Mozambique, South Africa (KwaZulu-Natal).

**albicollaris**

*Exoprosopa fascipennis* ssp. *albicollaris* Painter in Painter & Painter, 1962: 145. TYPE LOCALITY: USA (Kansas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado, Kansas, Nebraska, New Mexico, Ohio, Oklahoma, South Dakota, Texas, Wyoming).

**albifrons**

*Exoprosopa albifrons* Curran, 1930b: 8. TYPE LOCALITY: USA (Arizona) [H in AMNH\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**albofimbriata**

*Exoprosopa albofimbriata* Bezzi, 1924a: 308. TYPE LOCALITY: “Belgian Congo” [= Congo] [4S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Congo.

**aldabrae**

*Exoprosopa aldabrae* Greathead, 1976: 249. TYPE LOCALITY: Aldabra [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Aldabra, Astove I, Cosmoledo Is.

**alexon**

*Anthrax alexon* Walker, 1849: 246 TYPE LOCALITY: “East Indies” [= ?Indonesia (Java)] [H in BMNH\*].

DISTRIBUTION: **Oriental**: ?Indonesia (Java).

**altaica**

*Exoprosopa altaica* Paramonov, 1925a: 46. TYPE LOCALITY: Russia (WS) [H in SIZK].

DISTRIBUTION: **Palaeartic**: Mongolia, Russia (ES, FE, WS).

**ammophila**

*Exoprosopa ammophila* Paramonov, 1931b: 91(91). TYPE LOCALITY: Egypt [H (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt.

**amseli**

*Exoprosopa amseli* Oldroyd, 1961: 302. TYPE LOCALITY: Afghanistan [H in SMNK].

DISTRIBUTION: **Palaeartic**: Afghanistan.

**ancilla**

*Exoprosopa ancilla* Bezzi, 1924a: 356. TYPE LOCALITY: Gambia [1S in MSNM; 21S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Gambia, Ghana, Ivory Coast.

**angusta**

*Exoprosopa angusta* Bezzi, 1924a: 302. TYPE LOCALITY: Madagascar [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Madagascar.

**anomala**

*Exoprosopa anomala* Painter, 1934: 68. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, New Mexico, Texas).

**anthracoides**

*Exoprosopa anthracoides* Jaenicke, 1867b: 340 [1868: 32]. TYPE LOCALITY: “Mejico” [T (lost) in HLMD].

*Exoprosopa trabis* Loew, 1869c: 13 [1872c: 127]. TYPE LOCALITY: “Jalapa” [= Mexico (Tabasco)] [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Veracruz-Llave). **Neotropical**: Mexico (Tabasco).

**antica**

*Anthrax antica* Walker, 1852: 183. TYPE LOCALITY: Colombia [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Colombia.

**aphelosticta**

*Exoprosopa aphelosticta* Hesse, 1956b: 766. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**apicalis**

*Exoprosopa apicalis* Klug in Loew, 1860b: 251 [1860c: 179]. *Nomen nudum*. [Pre-occupied by Wiedemann, 1821.]

**apiformis**

*Exoprosopa apiformis* Hesse, 1956b: 862. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Gauteng, KwaZulu-Natal, North-West Province).

**arcuata**

*Exoprosopa arcuata* Macquart, 1847a: 50 [1847c: 66]. TYPE LOCALITY: Madagascar [T in UNKN (originally in de Villiers Collection)].

DISTRIBUTION: **Afrotropical**: Madagascar.

**arenicola**

*Exoprosopa arenicola* Johnson & Johnson, 1958: 71. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Nevada, Utah).

**argentifasciata**

*Exoprosopa argentifasciata* Macquart, 1846: 237(109). TYPE LOCALITY: “Colombie” [= Colombia, Ecuador, or Venezuela] [9S in BMNH\*].

*Exoprosopa limbipennis* Macquart, 1846: 238(110). TYPE LOCALITY: Mexico (Yucatán) [4S in MNHN; 1S in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Jalisco, Michoacán de Ocampo, Morelos, Puebla, San Luis Potosí, Veracruz-Llave). **Neotropical**: Colombia, Costa Rica, Mexico (Chiapas, Oaxaca, Yucatán), Panama.

**argentifrons**

*Exoprosopa argentifrons* Macquart, 1855: 89(69). TYPE LOCALITY: “cap de Bonne-Espérance” [= South Africa (Western Cape)] [H in BMNH\*].

*Exoprosopa scalaris* Bezzi, 1924a: 294. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Angola, Botswana, Kenya, Malawi, Mozambique, Namibia, South Africa (Eastern Cape, Western Cape), Tanzania, Zimbabwe.

**argyrophora**

*Exoprosopa argyrophora* Bezzi, 1912: 643. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**asiatica**

*Exoprosopa asiatica* Zaitzev, 1972c: 1586. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaearctic**: Israel, Kazakhstan, Mongolia.

**asiris**

*Exoprosopa asiris* Greathead, 1980b: 334. TYPE LOCALITY: Yemen [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen. **Palaearctic**: Saudi Arabia.

**atrata**

*Exoprosopa atrata* Hesse, 1956b: 830. TYPE LOCALITY: South Africa (Western Cape) [1S in NMBZ; 16S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**atrinasis**

*Exoprosopa atrinasis* Speiser, 1910: 80. TYPE LOCALITY: “Kilimandjaro” [= Tanzania] [H in NHRS].

DISTRIBUTION: **Afrotropical**: Ethiopia, Kenya, Tanzania, Uganda, Zambia.

**atripes**

*Exoprosopa atripes* Cole, 1923: 291. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur).

**atrisquama**

*Exoprosopa atrisquama* Hesse, 1956b: 873. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**aureola**

*Exoprosopa aureola* François, 1967a: 154. TYPE LOCALITY: Senegal [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Senegal.

**aurivestrix**

*Exoprosopa aurivestrix* François, 1962b: 421. TYPE LOCALITY: Burundi [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Burundi, Kenya, Tanzania.

**aurulans**

*Exoprosopa aurulans* Bezzi, 1924a: 322. TYPE LOCALITY: Ghana [4S in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Ghana, Ivory Coast, Nigeria.

**aztec**

*Exoprosopa aztec* Painter in Painter & Painter, 1969: 13. TYPE LOCALITY: Mexico (San Luis Potosí) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Coahuila de Zaragoza, Morelos, San Luis Potosí).

**baccha**

*Exoprosopa baccha* Loew, 1869b: 214. TYPE LOCALITY: “Balkan” & “Inseln des griech. Archipelagus” & Greece (Rhodes) & “Kleinasien” [= Greece, Syria, or Turkey] [1S in UMO\*; 14S in ZMHB\*].  
DISTRIBUTION: **Palaeartic**: Croatia, Egypt, France, Greece (incl. Crete, Lesbos, Rhodes, Zakynthos), Iran, Israel (incl. West Bank), Italy (incl. Sicily), Libya, Macedonia, Morocco, Slovenia, Turkey, Yugoslavia.

**balioptera**

*Exoprosopa balioptera* Loew, 1860a: 94 [1860b: 310; 1860c: 238]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] & “Cap. B. Sp.” [= South Africa (Western Cape)] [1S in ZMHB\*; 1S in NHRS].  
DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**barnardi**

*Exoprosopa barnardi* Hesse, 1956b: 872. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].  
DISTRIBUTION: **Afrotropical**: Namibia.

**basifascia**

*Anthrax basifascia* Walker, 1849: 248. TYPE LOCALITY: “North Bengal” [probably = India (Bihar)] [H in BMNH\*].  
*Anthrax semilucida* Walker, 1852: 170. TYPE LOCALITY: “East Indies” [= India] [H in BMNH\*].  
DISTRIBUTION: **Oriental**: India (Bihar).

**batrachoides**

*Exoprosopa batrachoides* Bezzi, 1912: 646. TYPE LOCALITY: “North Nyasa” [= Malawi] [2S in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Malawi, South Africa (KwaZulu-Natal), Tanzania, Zimbabwe.

**bellula**

*Exoprosopa bellula* Painter in Painter & Painter, 1969: 22. TYPE LOCALITY: Mexico (Chiapas) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Guerrero, México, Morelos, Nayarit). **Neotropical**: Mexico (Chiapas, Oaxaca).

**belutschistanica**

*Exoprosopa belutschistanica* Lindner, 1975: 15. TYPE LOCALITY: Iran [5S in SMNS].  
DISTRIBUTION: **Palaeartic**: Iran.

**bifurca**

*Exoprosopa bifurca* Loew, 1869c: 15 [1872c: 129]. TYPE LOCALITY: USA (California) [H in MCZ\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico).

**biguttata**

*Anthrax biguttata* Macquart, 1834: 409. TYPE LOCALITY: “Du cap Vert” [= Cape Verde Is] [T in UNKN].

*Exoprosopa notabilis* Macquart, 1840: 43 [1841: 321]. TYPE LOCALITY: “Sénégal” [= Gambia or Senegal] [1S in MNHN\*].

*Exoprosopa tewfiki* Paramonov, 1931b: 89(89). TYPE LOCALITY: Egypt [H (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Afrotropical**: Benin, Cape Verde Is, Chad, Eritrea, Ethiopia, Ghana, Ivory Coast, Mali, Mauritania, Niger, Nigeria, Senegal, Sudan. **Palaeartic**: Egypt, Oman, Saudi Arabia.

**bolbocera**

*Exoprosopa bolbocera* Hesse, 1956b: 883. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng, KwaZulu-Natal).

**bowdeni**

*Exoprosopa bowdeni* Sanchez-Terrón, 1990: 265. TYPE LOCALITY: Spain (Mallorca) [H in MNMS].

DISTRIBUTION: **Palaeartic**: France (Corsica), Italy (Sardinia), Spain (incl. Isla Cabrera, Mallorca).

**brachipleuralis**

*Exoprosopa brachipleuralis* Hesse, 1956b: 873. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**brachycera**

*Exoprosopa brachycera* Bezzi, 1924a: 355. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

*Exoprosopa africana* Paramonov, 1955a: 60. TYPE LOCALITY: Malawi [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Malawi.

**brevinasis**

*Exoprosopa brevinasis* Bezzi, 1924a: 343. TYPE LOCALITY: “Kenya Colony” [= Kenya] [2S in BMNH\*; 2S in MSNM].

*Exoprosopa engyoptera* Hesse, 1956b: 874. TYPE LOCALITY: “British East Africa” [= Kenya] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania, Zambia.

**brevirostris**

*Exoprosopa brevirostris* Williston, 1901: 272. TYPE LOCALITY: Mexico (Jalisco) [L designated by Painter & Painter (1962: 134) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Jalisco).

**brevistylata**

*Exoprosopa brevistylata* Williston, 1901: 272. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

*brevistyla*, error for *brevistylata*.

DISTRIBUTION: **Nearctic**: Mexico (Durango, Guerrero, Morelos, Puebla, Veracruz-Llave).



**bucharensis**

*Exoprosopa bucharensis* Paramonov, 1929b: 190(192). TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**butleri**

*Exoprosopa butleri* Johnson & Johnson, 1958: 74. TYPE LOCALITY: “Mexico” [H in BYU].

DISTRIBUTION: **Nearctic**: Mexico (Coahuila de Zaragoza, Sonora).

**caffra**

*Anthrax caffra* Wiedemann, 1821a: 81 [1821b: 131]. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [H in ZMUC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**californiae**

*Anthrax californiae* Walker, 1852: 172. TYPE LOCALITY: USA (California) [H in UNKN].

DISTRIBUTION: **Nearctic**: USA (California).

**caliptera**

*Anthrax caliptera* Say, 1823: 46. TYPE LOCALITY: USA (Arkansas) [T (destroyed) in ANSP (see Note 25)].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), Mexico (Durango), USA (Arizona, Arkansas, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, South Dakota, Washington).

**callima**

*Exoprosopa callima* Painter in Painter & Painter, 1969: 24. TYPE LOCALITY: Mexico (San Luis Potosí) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Hidalgo, Nuevo León, San Luis Potosí, Tamaulipas).

**capnoptera**

*Exoprosopa capnoptera* Bezzi, 1912: 648. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Congo, Malawi, Uganda.

**capucina**

*Bibio capucina* Fabricius, 1781: 415. TYPE LOCALITY: Not given [= Europe] [1S in MNHN\*; 2S in ZMUC].

*Oestrus noveboracensis* ssp. *minor* Houttuyn in Lichtenstein, 1796: 215. [Unavailable; name proposed in synonymy with *Bibio capucina* Fabricius and not made available before 1961.]

*Anthrax caloptera* Pallas in Wiedemann, 1818a: 12. TYPE LOCALITY: “In deserto Barabensi” [= Russia (WS) (see Pont, 1995: 150)] [T in NMW].

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Austria, Azerbaijan, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Italy, Kazakhstan, Kyrgyz Republic, Lithuania, Luxemburg, Macedonia, Netherlands, Poland, Romania, Russia (CET, NET, SET, WS), Slovakia, Spain, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, Ukraine, Uzbekistan.

**castanea**

*Exoprosopa castaneus* Yang, Yao & Cui, 2012: 87. TYPE LOCALITY: China (Yunnan) [H in SEMCAS].

DISTRIBUTION: **Oriental**: China (Yunnan).

**celer**

*Exoprosopa celer* Cole, 1916: 463. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**cervina**

*Exoprosopa cervina* Bezzi, 1921a: 171. TYPE LOCALITY: "S.W. Protectorate" [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (KwaZulu-Natal, Northern Province), Zimbabwe.

**chan**

*Exoprosopa chan* Paramonov, 1928a: 216(38). TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaearctic**: Uzbekistan.

**chionea**

*Exoprosopa chionea* Bezzi, 1924a: 357. TYPE LOCALITY: "N.-W. Rhodesia" [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zambia.

**circeoides**

*Exoprosopa circeoides* Paramonov, 1928a: 217(39). TYPE LOCALITY: Egypt [3S (destroyed) in PPDD (see Note 4)].

*Exoprosopa circeoides* var. *nigrofasciata* Paramonov, 1928a: 218(40). TYPE LOCALITY: Egypt [2S (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Palaearctic**: Egypt, Israel.

**citreum**

*Exoprosopa citreum* Yang, Yao & Cui, 2012: 89. TYPE LOCALITY: China (Shaanxi) [H in CAU].

DISTRIBUTION: **Palaearctic**: China (Shaanxi).

**claripennis**

*Exoprosopa claripennis* Hesse, 1956b: 887. TYPE LOCALITY: "Southern Rhodesia" [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Tanzania, Zimbabwe.

**clarki**

*Exoprosopa clarki* Curran, 1930b: 4. TYPE LOCALITY: USA (Arizona) [H in AMNH\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**clausina**

*Exoprosopa clausina* Bezzi, 1924a: 301. TYPE LOCALITY: Angola [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Angola.

**clavula**

*Exoprosopa clavula* Yang, Yao & Cui, 2012: 90. TYPE LOCALITY: China (Xinjiang) [H in IZCAS].

DISTRIBUTION: **Palaearctic**: China (Xinjiang).

**cleomene**

*Exoprosopa cleomene* Egger, 1859: 397. TYPE LOCALITY: Austria [T (lost?) in NMW].

DISTRIBUTION: **Palaeartic**: Armenia, Austria, Azerbaijan, Belgium, Czech Republic, France, Germany, Gruzia, Hungary, Italy, Poland, Russia (SET), Slovakia, Slovenia, Spain, Switzerland, Turkey, Ukraine.

**conochila**

*Exoprosopa conochila* Bezzi, 1924a: 325. TYPE LOCALITY: “Anglo-Egyptian Sudan” [= Sudan] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Sudan.

**contorta**

*Exoprosopa contorta* Bezzi, 1924a: 301. TYPE LOCALITY: “Kenya Colony” [= Kenya] [1S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**convexa**

*Anthrax convexa* Walker, 1857: 138. TYPE LOCALITY: “Valley of the Amazon” [= Brazil (Amazonas or Pará)] [5S in BMNH\*; 1S in MVMA].

DISTRIBUTION: **Neotropical**: Brazil (Amazonas).

**costalis**

*Exoprosopa costalis* Macquart, 1846: 235(107). TYPE LOCALITY: “Cafreterie” [= South Africa (Eastern Cape)] [S in UNKN (originally in Delegorgue Collection)].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**cracens**

*Exoprosopa cracens* Painter in Painter & Painter, 1969: 25. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos).

**cubana**

*Exoprosopa cubana* Loew, 1869c: 14 [1872c: 128]. TYPE LOCALITY: Cuba [2S in MCZ\*; 1S in ZMHB\*].

DISTRIBUTION: **Neotropical**: British Virgin Is, Cuba, Puerto Rico.

**curvicornis**

*Exoprosopa curvicornis* Bezzi, 1924a: 262. TYPE LOCALITY: “Kenya Colony” [= Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**damarensis**

*Exoprosopa damarensis* Hesse, 1956b: 827. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**decastroi**

*Exoprosopa decastroi* Hesse, 1950: 29 (as “*de Castroi*”). TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [H in CPMM].

*Exoprosopa ferreirae* Hesse, 1950: 31. TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [3S in CPMM].

DISTRIBUTION: **Afrotropical**: Kenya, Mozambique.

**decipiens**

*Exoprosopa decipiens* Bezzi, 1924a: 287. TYPE LOCALITY: “N. Rhodesia” [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, Tanzania, Zambia, Zimbabwe.

**decolor**

*Exoprosopa decolor* Bezzi, 1924a: 326. TYPE LOCALITY: “Belgian Congo” [= Congo] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Congo.

**decora**

*Exoprosopa decora* Loew, 1869c: 13 [1872c: 127]. TYPE LOCALITY: USA (Wisconsin) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta, Manitoba, Ontario, Quebec, Saskatchewan), USA (Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming).

**decrepita**

*Anthrax decrepita* Wiedemann, 1828: 564. TYPE LOCALITY: “Nubien” [= Egypt or Sudan] [1S in NMW\*; 1S in SMFD; 1S in ZMHB\*].

*Exoprosopa albifacies* Paramonov, 1928a: 205(27). TYPE LOCALITY: Egypt [3S (destroyed) in PPDD (see Note 4)].

*Exoprosopa aegyptiaca* Paramonov, 1928a: 205(27). TYPE LOCALITY: Egypt [2S (destroyed) in PPDD (see Note 4)].

*Exoprosopa flava* Paramonov, 1928a: 230(52). TYPE LOCALITY: Egypt [2S (destroyed) in PPDD (see Note 4)].

*Exoprosopa verna* Greathead, 1970: 115. TYPE LOCALITY: Chad [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Chad, Senegal, Sudan. **Palaeartic**: Egypt, Israel, Saudi Arabia.

**dedecor**

*Exoprosopa dedecor* Loew, 1871: 204 [1872b: 56]. TYPE LOCALITY: Tajikistan [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, China (Xinjiang), Gruzia, Iran, Kazakhstan, Kyrgyz Republic, Mongolia, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

**dedecoroides**

*Exoprosopa dedecoroides* Paramonov, 1928a: 223(45). TYPE LOCALITY: Tajikistan [L designated by Zaitzev & Kandybina (1983: 18) in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan.

**delicata**

*Exoprosopa delicata* Greathead, 1967: 270. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea.

**didesma**

*Exoprosopa didesma* Hesse, 1956b: 789. TYPE LOCALITY: South Africa (Mpumalanga) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Mpumalanga).

**diluta**

*Exoprosopa diluta* Bezzi, 1924a: 306. TYPE LOCALITY: “Kenya Colony” [= Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**dimidiata**

*Exoprosopa dimidiata* Macquart, 1846: 235(107). TYPE LOCALITY: “Cafreterie” [= South Africa (Eastern Cape)] [T in UNKN (originally in Delegorgue Collection)].

*Anthrax commiles* Walker, 1857: 141. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

*Anthrax argentilatus* Walker, 1857: 142. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, Gambia, Kenya, Malawi, Tanzania, South Africa (Eastern Cape, Free State, KwaZulu-Natal, Mpumalanga), Uganda, Zimbabwe.

**discriminata**

*Exoprosopa discriminata* Bezzi, 1912: 641. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**disrupta** ssp. **disrupta**

*Exoprosopa disrupta* Walker, 1871a: 261. TYPE LOCALITY: Sudan [1S in BMNH\*].

*Exoprosopa lacerata* Engel, 1936c: 490. TYPE LOCALITY: Sudan [2S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Afrotropical**: Eritrea, Senegal, Somalia, Sudan, Yemen. **Oriental**: ?India.

**disrupta** ssp. **tihamae**

*Exoprosopa disrupta* ssp. *tihamae* Greathead, 1980a: 246. TYPE LOCALITY: Yemen [H in BMNH\*].

DISTRIBUTION: **Palaearctic**: Oman, Saudi Arabia, United Arab Emirates.

**dispar**

*Exoprosopa dispar* Loew, 1869b: 202. TYPE LOCALITY: Greece (Rhodes & Naxos) [6S in ZMHB\*].

*Exoprosopa dispar* var. *interrupta* Paramonov, 1928a: 226(48). TYPE LOCALITY: Greece (Poros) & Russia (SET) & Armenia & Turkmenistan [S (lost) in SIZK]. [Pre-occupied by Wiedemann, 1828.]

*Exoprosopa dispar* spp. *paramonovi* Evenhuis, 1978c: 103 (new replacement name for *Exoprosopa dispar interrupta* Paramonov, 1928).

DISTRIBUTION: **Palaearctic**: France, Greece (incl. Naxos, Rhodes), Hungary, Iran, Italy (incl. Sicily), Lebanon, Morocco, Portugal, Russia (SET), Spain, Tunisia, Turkey, Yugoslavia.

**divisa**

*Exoptata divisa* Coquillett, 1887a: 13. TYPE LOCALITY: USA (Arizona & California) [1S in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Alabama, Arizona, Arkansas, California, Colorado, Kansas, Louisiana, Nevada, New Mexico, Oklahoma, Oregon, Texas, Utah).

**dodrans**

*Exoprosopa dodrans* Osten Sacken, 1877: 234. TYPE LOCALITY: USA (Colorado) [2S in MCZ\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, Colorado, Kansas, New Mexico).

**dodrina**

*Exoprosopa dodrina* Curran, 1930b: 5. TYPE LOCALITY: USA (Colorado) [H in AMNH\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, Colorado, New Mexico, Utah).

**dorcadion**

*Exoprosopa dorcadion* Osten Sacken, 1877: 231. TYPE LOCALITY: USA (Maine) [L designated by Evenhuis (1982b: 8) in MCZ\*].

DISTRIBUTION: **Nearctic:** Canada (Alberta, British Columbia, Manitoba, New Brunswick, Ontario, Quebec, Saskatchewan), Mexico (Chihuahua, Coahuila de Zaragoza, Guerrero), USA (Arizona, Arkansas, California, Colorado, Connecticut, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, Texas, Utah, Vermont, Wisconsin, Wyoming).

**doris**

*Exoprosopa doris* Osten Sacken, 1877: 235. TYPE LOCALITY: USA (Nevada) [1S in AMNH\*; 1S in MCZ\*].

*Exoprosopa pallens* Bigot, 1892: 345. TYPE LOCALITY: USA (California) [H in BMNH\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Idaho, Nevada, New Mexico, Oregon, Texas, Washington).

**dux**

*Anthrax dux* Wiedemann, 1828: 269. TYPE LOCALITY: "Vom Kap" [= South Africa (Western Cape)] [2S in ZMHB\*; 1S in NMW\*].

*Anthrax senicula* Wiedemann, 1828: 270. TYPE LOCALITY: "Vom Kap" [= South Africa (Western Cape)] [4S in RMNH; 4S in ZMHB\*; 1S in NMW\*].

*Exoprosopa ignava* Loew, 1860a: 93 [1860b: 304; 1860c: 232]. TYPE LOCALITY: "Cap. B. Sp." [= South Africa (Western Cape)] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical:** Botswana, Lesotho, South Africa (Eastern Cape, Free State, Western Cape).

**eclipsis**

*Exoprosopa eclipsis* Bezzi, 1924a: 268. TYPE LOCALITY: "N. Rhodesia" [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** South Africa (Gauteng), Zambia.

**elongata**

*Exoprosopa elongata* Ricardo, 1901: 98. TYPE LOCALITY: South Africa (Gauteng & Northern Cape) [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Gauteng, KwaZulu-Natal, Northern Cape), Zimbabwe.

**eluta**

*Exoprosopa eluta* Loew, 1860a: 92 [1860b: 299; 1860c: 227]. TYPE LOCALITY: “Caf-fraria” [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape), Zimbabwe.

**empidiformis**

*Exoprosopa empidiformis* Lindner, 1975: 12. TYPE LOCALITY: Iran [H in SMNS].

DISTRIBUTION: **Palaearctic**: Iran.

**enigma**

*Exoprosopa enigma* Greathead & Evenhuis, 2001b: 199. TYPE LOCALITY: Namibia [H in NMNW].

DISTRIBUTION: **Afrotropical**: Namibia.

**eremita**

*Exoprosopa eremita* Osten Sacken, 1877: 236. TYPE LOCALITY: USA (California) [1S in AMNH\*; 1S in MCZ\*].

*Exoprosopa grata* Coquillett, 1892b: 124. TYPE LOCALITY: USA (California & Washington) [3S in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Tiburon I), USA (Arizona, California, Colorado, Idaho, Montana, Nevada, Oregon, South Dakota, Utah, Washington, Wyoming).

**erronea**

*Exoprosopa erronea* Bezzi, 1924a: 354. TYPE LOCALITY: “N. Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Tanzania.

**exigua**

*Exoprosopa exigua* Macquart, 1855: 88(68). TYPE LOCALITY: “cap de Bonne-Espérance” [= South Africa (Western Cape)] [2S in BMNH\*].

*tenuis*, incorrect original spelling of *exigua* [Macquart, 1855: 149(129), pl. 3, fig. 1].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**fasciata**

*Exoprosopa fasciata* Macquart, 1840: 51 [1841: 329]. TYPE LOCALITY: “Dans les différents États unis de l’Amérique septentrionale” [2S in MNHN\*].

*Exoprosopa rubiginosa* Macquart, 1840: 51 [1841:329]. TYPE LOCALITY: USA (Pennsylvania) [H in BMNH\*].

*Exoprosopa longirostris* Macquart, 1850: 412(108). TYPE LOCALITY: “Virginie” [= USA (Virginia or West Virginia)] [2S in BMNH\*].

*Mulio americana* Wulp, 1867: 141. TYPE LOCALITY: “Noord-America” [= USA (Wisconsin)] [H in RMNH].

*Mulio dubius* Say in Johnson, 1925: 72. [Unavailable; name proposed in synonymy with *Exoprosopa fasciata* Macquart and not made available before 1961.] [Pre-occupied by Macquart, 1846.]

*fusciata*, incorrect original spelling of *fasciata* (Macquart, 1840: pl. 17, fig. 6 [1841: pl. 17, fig. 6]).

DISTRIBUTION: **Nearctic:** Canada (Ontario), USA (Connecticut, Florida, Maine, Massachusetts, New Hampshire, New Mexico, Pennsylvania, Virginia, West Virginia, Wisconsin, Wyoming).

**fasciolata**

*Exoprosopa fasciolata* Painter in Painter & Painter, 1969: 28. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos, Veracruz-Llave).

**fascipennis**

*Anthrax fascipennis* Say, 1824: 373. TYPE LOCALITY: Canada (Manitoba) [S (destroyed) in ANSP (see Note 25); 7S in NMW].

*Exoprosopa philadelphica* Macquart, 1840: 52 [1841: 330]. TYPE LOCALITY: USA (Pennsylvania) [T in UNKN (originally in Serville Collection)].

*Exoprosopa coniceps* Macquart, 1850: 412(108). TYPE LOCALITY: "Virginie" [= USA (Virginia or West Virginia)] [1S in BMNH\*].

*Exoprosopa melanura* Bigot, 1892: 344. TYPE LOCALITY: "Amérique du Nord" [= USA (North or South Carolina) (see Painter & Painter, 1962: 142)] [H in BMNH\*].

DISTRIBUTION: **Nearctic:** Canada (Manitoba, Ontario), USA (Alabama, Arkansas, Connecticut, Delaware, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Virginia, West Virginia, Wisconsin). **Neotropical:** Cuba.

**fastidiosa**

*Exoprosopa fastidiosa* Bezzi, 1921a: 169. TYPE LOCALITY: "S.W. Protectorate" [= Namibia] [H in SAMC].

*Exoprosopa fastidiosa* Bezzi, 1924a: 291. TYPE LOCALITY: "Nyasaland Protectorate" [= Malawi] [H in BMNH\*]. [Preoccupied by Bezzi, 1921.]

DISTRIBUTION: **Afrotropical:** Botswana, Malawi, Namibia.

**filia**

*Exoprosopa filia* Osten Sacken, 1886a: 86. TYPE LOCALITY: "Durango" [error, = Mexico (México)] [L designated by Painter & Painter (1962: 139–40) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Jalisco, México, Sinaloa, Sonora).

**fissicornis**

*Exoprosopa fissicornis* Bezzi, 1924a: 285, 350. TYPE LOCALITY: Not given [= Kenya (from type specimen label data)] [1S in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya.

**flammea**

*Exoprosopa flammea* Brunetti, 1909a: 466. TYPE LOCALITY: "Bengal" [= India (Bihar)] [H in NZSI].

DISTRIBUTION: **Oriental:** India (Andhra Pradesh, Bihar, Kerala), Sri Lanka.

**flammicoma**

*Exoprosopa flammicoma* François, 1964a: 309. TYPE LOCALITY: Madagascar [H in MRAC].

DISTRIBUTION: **Afrotropical:** Madagascar.



**flavicans**

*Exoprosopa flavicans* Bezzi, 1924a: 269. TYPE LOCALITY: Gambia [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Gambia.

**flexuosa**

*Exoprosopa flexuosus* Pal, 1991: 283. TYPE LOCALITY: Pakistan [H in NZSI].  
DISTRIBUTION: **Oriental**: Pakistan.

**formosula**

*Exoprosopa formosula* Bezzi, 1921a: 151. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].  
DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**fuligosa**

*Exoprosopa fuligosa* Painter in Painter & Painter, 1969: 16. TYPE LOCALITY: Mexico (Jalisco) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Colima, Durango, Guerrero, Jalisco, Michoacán de Ocampo, Morelos, Nayarit, Puebla). **Neotropical**: Mexico (Oaxaca).

**fulviops**

*Exoprosopa fulviops* Szilády, 1942: 100. TYPE LOCALITY: Tanzania [H (destroyed) in HNHM (see Note 9)].  
DISTRIBUTION: **Afrotropical**: Tanzania.

**fumosa**

*Exoprosopa fumosa* Cresson, 1919: 177. TYPE LOCALITY: “Mexico” [H in ANSP].  
DISTRIBUTION: **Nearctic**: Mexico, USA (Arizona).

**fuscula**

*Exoprosopa fuscula* Bezzi, 1924a: 321. TYPE LOCALITY: Gambia [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Gambia.

**ghilarovi**

*Exoprosopa ghilarovi* Zaitzev, 1988a: 186. TYPE LOCALITY: Sri Lanka [H in ZIS].  
DISTRIBUTION: **Oriental**: Sri Lanka.

**globosa**

*Exoprosopa globosa* Yang, Yao & Cui, 2012: 93. TYPE LOCALITY: China (Xizang) [H in SEMCAS].  
DISTRIBUTION: **Oriental**: China (Xizang).

**glossops**

*Exoprosopa glossops* Greathead, 2001a: 143. TYPE LOCALITY: Nigeria [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Nigeria.

**goliath**

*Exoprosopa goliath* Bezzi, 1924a: 341. TYPE LOCALITY: “Nyasaland Protectorate” [= Malawi] [8S in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Malawi.

**griqua**

*Exoprosopa griqua* Hesse, 1956b: 865. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].  
DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**gutta**

*Exoprosopa gutta* Yang, Yao & Cui, 2012: 95. TYPE LOCALITY: China (Nei Monggol) [H in IZCAS].

DISTRIBUTION: **Palearctic**: China (Nei Monggol).

**guttipennis**

*Exoprosopa punctipennis* Ricardo, 1903: 364. TYPE LOCALITY: Yemen (Socotra) [8S in BMNH\*]. [Preoccupied by Macquart, 1850.]

*Exoprosopa guttipennis* Bezzi, 1924a: 24 (new replacement name for *Exoprosopa punctipennis* Ricardo, 1903).

DISTRIBUTION: **Afrotropical**: Yemen (Socotra).

**heros**

*Anthrax heros* Wiedemann, 1819a: 8. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [2S in ZMUC; 1S in NMW\*; 1S in ZMHB\*].

*Exoprosopa caffra* Macquart, 1840: 48 [1841: 326]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [H in MNHN\*]. [Preoccupied by Wiedemann, 1821.]

*Litorhynchus hamatus* Macquart, 1840: 79 [1841: 357]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [L designated by Bowden (1975c: 316) in BMNH\*].

*Exoprosopa alternans* Macquart, 1855: 91(71). TYPE LOCALITY: “Océanie, cap des Aiguilles” [= South Africa (Western Cape)] [3S in BMNH\*].

*Exoprosopa loewiana* Bezzi, 1921a: 156. TYPE LOCALITY: “Cap” [= South Africa (Western Cape)] [S in ZMHB]. [Valid by bibliographic reference to Loew, 1860b: 334 [sic! = 234].]

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Eastern Cape, Gauteng, KwaZulu-Natal, Northern Cape, Northern Province, Western Cape), Swaziland, Zimbabwe.

**heterocera**

*Exoprosopa heterocera* Bezzi, 1912: 649. TYPE LOCALITY: “North Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**hulli**

*Exoprosopa hulli* Painter, 1930b: 798. TYPE LOCALITY: USA (Mississippi) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Hidalgo, Tamaulipas, Veracruz-Llave), USA (Arkansas, Mississippi, Missouri, Texas). **Neotropical**: Honduras, Mexico (Chiapas, Oaxaca, Tabasco, Yucatán).

**hyalipennis**

*Exoprosopa hyalipennis* Cole, 1923: 290. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS].

*hyalinipennis*, incorrect original spelling of *hyalipennis* (Cole, 1923: fig. 13).

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (Arizona).

**hyalodisca**

*Exoprosopa hyalodisca* Bezzi, 1923b: 334. TYPE LOCALITY: “Kenya Protectorate” [= Kenya] [H in MNHN].

DISTRIBUTION: **Afrotropical**: Kenya.

**hyaloptera**

*Exoprosopa hyaloptera* Hesse, 1956b: 890. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**hypargyra**

*Exoprosopa hypargyra* Bezzi, 1921a: 169. TYPE LOCALITY: “S.W. Protectorate” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Angola, Namibia.

**hypargyroides**

*Exoprosopa hypargyroides* Hesse, 1956b: 813. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**hypomelaena**

*Exoprosopa hypomelaena* Bezzi, 1912: 651. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**ignifera**

*Anthrax ignifera* Walker, 1849: 243. TYPE LOCALITY: Jamaica [2S in BMNH\*].

DISTRIBUTION: **Nearctic**: USA (Florida). **Neotropical**: Jamaica.

**inaequalipes**

*Exoprosopa inaequalipes* Loew, 1852: 659 [in Peters, 1862: 11]. TYPE LOCALITY: Mozambique [2S in ZMHB\*].

*Exoprosopa hirtipes* Loew, 1860a: 93 [1860b: 305; 1860c: 233]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [H in NHRS].

*Exoprosopa poeciloptera* Bezzi, 1924a: 333. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Mozambique, Namibia, South Africa (Eastern Cape, KwaZulu-Natal), Tanzania.

**indecisa**

*Anthrax indecisa* Walker, 1849: 250. TYPE LOCALITY: “South Africa” [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa.

**infumata**

*Exoprosopa infumata* Bezzi, 1921a: 155. TYPE LOCALITY: Zimbabwe [H in SAMC].

*Exoprosopa infumata* Bezzi, 1924a: 295]. TYPE LOCALITY: “N.-W. Rhodesia” [= Zambia] [10S in BMNH\*]. [Preoccupied by Bezzi, 1921.]

DISTRIBUTION: **Afrotropical**: Malawi, Mozambique, Tanzania, South Africa (Northern Province), Zambia, Zimbabwe.

**ingens**

*Exoprosopa ingens* Cresson, 1919: 178. TYPE LOCALITY: USA (Arizona) [H in ANSP].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Morelos), USA (Arizona, New Mexico, Texas).

**inornata**

*Exoprosopa inornata* Loew, 1860a: 94 [1860b: 312; 1860c: 240]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**insignifera**

*Anthrax ignifera* Walker, 1852: 173. TYPE LOCALITY: Not given [= unknown] [T in UNKN]. [Preoccupied by Walker, 1849.]

*Exoprosopa insignifera* Evenhuis & Greathead, 1999: 364 (new replacement name for *Anthrax ignifera* Walker, 1852).

DISTRIBUTION: **Patria Ignota**: Unknown.

**interrupta**

*Anthrax interrupta* Wiedemann, 1828: 273. TYPE LOCALITY: “Brasilien” [= Brazil or Uruguay] [1S in SMFD; 6S in NMW; 3S in ZMHB\*].

DISTRIBUTION: **Neotropical**: Brazil (São Paulo).

**iota**

*Exoprosopa iota* Osten Sacken, 1886a: 82. TYPE LOCALITY: Mexico (Puebla) [L designated by Painter & Painter (1962: 141) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Baja California Sur, Morelos, Nuevo León, Puebla, Sonora, Tamaulipas, Tiburon I), USA (Arkansas, California, Kansas, Texas).

**italica**

*Biblio italica* Rossi, 1794: 59. TYPE LOCALITY: Italy [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: France (Corsica), Italy, Portugal, Spain.

**jacchus**

*Anthrax jacchus* Fabricius, 1805: 123, 373. TYPE LOCALITY: “Italia” [1S in ZMUC].

*Anthrax picta* Wiedemann in Meigen, 1820: 171. TYPE LOCALITY: “Spalatro in Dalmatien” [= Croatia] [T in UNKN (originally in Germar Collection)].

*Exoprosopa jacchus* var. *quadripunctata* Paramonov, 1928a: 237(59). TYPE LOCALITY: Not given [= Europe] [S (lost) in SIZK].

*jacchus*, incorrect original spelling of *jacchus* (Fabricius, 1805: 123).

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, China (Ningxia), Croatia, France, Gruzia, Hungary, Iran, Italy (incl. Capri, Sicily), Portugal, Romania, Spain, Yugoslavia.

**jonesi**

*Exoprosopa jonesi* Cresson, 1919: 178. TYPE LOCALITY: USA (California) [H in ANSP].

DISTRIBUTION: **Nearctic**: USA (California).

**jubatipes**

*Exoprosopa jubatipes* Hesse, 1956b: 812. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**junta**

*Exoprosopa junta* Curran, 1930b: 9. TYPE LOCALITY: USA (Colorado) [H in AMNH\*].

DISTRIBUTION: **Nearctic**: USA (Colorado).

**khuzistanica**

*Exoprosopa aberrans* ssp. *khuzistanica* Lindner, 1975: 14. TYPE LOCALITY: Iran [8S in SMNS].

DISTRIBUTION: **Palaeartic**: Iran.

**latifrons**

*Exoprosopa latifrons* Bezzi, 1924a: 327. TYPE LOCALITY: Nigeria [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Gambia, Ghana, Ivory Coast, Mauritania, Nigeria.

**latissima**

*Exoprosopa latissima* Bezzi, 1924a: 358. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**leon**

*Exoprosopa leon* Painter in Painter & Painter, 1969: 18. TYPE LOCALITY: Mexico (Oaxaca) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Puebla). **Neotropical:** Mexico (Oaxaca).

**lepida**

*Exoprosopa lepida* Painter in Painter & Painter, 1969: 29. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Morelos).

**leucopepla**

*Exoprosopa leucopepla* Bowden, 1964a: 142. TYPE LOCALITY: Nigeria [H in JB].

DISTRIBUTION: **Afrotropical:** Chad, Gambia, Ghana, Niger, Nigeria, Senegal.

**linearis**

*Exoprosopa linearis* Bezzi, 1924a: 339. TYPE LOCALITY: Yemen [3S in BMNH\*].

DISTRIBUTION: **Afrotropical:** Eritrea, Yemen. **Palaeartic:** Oman, Saudi Arabia.

**litoralis**

*Exoprosopa heros* f. *litoralis* Hesse, 1956b: 825. TYPE LOCALITY: South Africa (Northern Cape) [2S in NMSA\*; 1S in BPBM\*; 39S in SAMC\*].

DISTRIBUTION: **Afrotropical:** South Africa (Northern Cape).

**littorrhynchoides**

*Exoprosopa littorrhynchoides* François, 1962b: 425. TYPE LOCALITY: Burundi [H in KBIN\*].

DISTRIBUTION: **Afrotropical:** Burundi, Tanzania.

**louisae**

*Exoprosopa louisae* François, 1962b: 429. TYPE LOCALITY: Burundi [H in KBIN\*].

DISTRIBUTION: **Afrotropical:** Burundi, Kenya, Somalia, Tanzania, Uganda.

**lucidifrons**

*Exoprosopa lucidifrons* Becker & Stein, 1912: 604. *Nomen nudum*.

*Exoprosopa lucidifrons* Becker in Becker & Stein, 1913a: 568. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palaeartic:** Iran.

**luctifera**

*Exoprosopa luctifera* Bezzi, 1912: 642. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Malawi.

**lugens**

*Exoprosopa lugens* Paramonov, 1928a: 241(63). TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic:** Afghanistan, Armenia, Azerbaijan, Gruzia, Iran, Tajikistan, Turkmenistan.

**lunulata**

*Exoprosopa lunulata* Bowden, 1964a: 130. TYPE LOCALITY: “Ashanti” [= Ghana] [H in JB].

DISTRIBUTION: **Afrotropical:** Ghana, Ivory Coast, Nigeria.

**luteicincta**

*Exoprosopa luteicincta* Hesse, 1956b: 878. TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [2S in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique.

**luteocera**

*Exoprosopa luteocera* Hesse, 1956b: 879. TYPE LOCALITY: South Africa (Mpumalanga) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Mpumalanga), Zambia.

**lutzi**

*Exoprosopa lutzi* Curran, 1930b: 5. TYPE LOCALITY: USA (Arizona) [H in AMNH\*].

DISTRIBUTION: **Nearctic**: USA (Arizona).

**mackieae**

*Exoprosopa ancilla* var. *mackieae* Paramonov, 1955a: 61. TYPE LOCALITY: Congo [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Congo.

**madagascariensis**

*Exoprosopa madagascariensis* Macquart, 1850: 410(106). TYPE LOCALITY: Madagascar [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Madagascar.

**maenas**

*Exoprosopa maenas* Loew, 1869b: 209. TYPE LOCALITY: Not given [= Syria (from type specimen label data)] [H in ZMHB\*].

DISTRIBUTION: **Palaearctic**: Syria, Turkey.

**magnipennis**

*Exoprosopa magnipennis* Bezzi, 1924a: 344. TYPE LOCALITY: “Kenya Colony” [= Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania.

**major**

*Exoprosopa major* Ricardo, 1901: 100. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Mozambique, South Africa (KwaZulu-Natal), Tanzania.

**majuscula**

*Exoprosopa majuscula* Hesse, 1956b: 871. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**mara**

*Anthrax mara* Walker, 1849: 239. TYPE LOCALITY: “Congo” [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Cameroon, “Congo”.

**marleyi**

*Exoprosopa marleyi* Hesse, 1956b: 885. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**masienensis**

*Exoprosopa masienensis* Hesse, 1950: 29. TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [7S in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique, South Africa (KwaZulu-Natal).

**megaera**

*Anthrax megaera* Wiedemann in Meigen, 1820: 172. TYPE LOCALITY: Portugal [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Italy, Portugal, Spain.

**meigenii**

*Anthrax meigenii* Wiedemann, 1828: 278. TYPE LOCALITY: “Vaterland?” [= Nearctic] [H in NMW].

*Exoprosopa emarginata* Macquart, 1840: 51 [1841: 329]. TYPE LOCALITY: USA (Pennsylvania) [5S in BMNH\*].

DISTRIBUTION: **Nearctic**: USA (Florida, Georgia, Kansas, New Jersey, Pennsylvania, Texas).

**melaena**

*Exoprosopa melaena* Loew, 1874: 416. TYPE LOCALITY: Iran [S in ZIS; 1S in ZMHB\*].

*Exoprosopa melaena* var. *abbreviata* Paramonov, 1928a: 245(67). TYPE LOCALITY: “Persien” [= Iran] [S (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, China, Greece (Corfu), Iran, Kyrgyz Republic, Russia (SET), Tajikistan, Turkey, Turkmenistan, Uzbekistan.

**melanaspis**

*Exoprosopa melanaspis* Bezzi, 1924a: 316. TYPE LOCALITY: Madagascar [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Madagascar.

**melanozona**

*Exoprosopa melanozona* Hesse, 1956b: 755. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [1S in BMNH\*; 1S in NMBZ; 1S in NMSA\*; 3S in SAMC].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**melanthia**

*Exoprosopa heros* f. *melanthia* Hesse, 1956b: 826. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in NMBZ].

DISTRIBUTION: **Afrotropical**: South Africa (Mpumalanga), Zimbabwe.

**metapleuralis**

*Exoprosopa luteicosta* var. *metapleuralis* Hesse, 1956b: 871. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique, South Africa (KwaZulu-Natal).

**metopargyra**

*Exoprosopa metopargyra* Hesse, 1956b: 859. TYPE LOCALITY: South Africa (North-West Province) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal, North-West Province).

**mimetica**

*Exoprosopa mimetica* Hesse, 1956b: 813. TYPE LOCALITY: “Basutoland” [= Lesotho] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Lesotho.

**minoana**

*Exoprosopa minoana* Paramonov, 1928a: 247(69). TYPE LOCALITY: Egypt [H (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Palaearctic**: Egypt.

**minoides**

*Exoprosopa minoides* Paramonov, 1928a: 247(69). TYPE LOCALITY: Armenia [2S in SIZK].

DISTRIBUTION: **Palaearctic**: Armenia, Iran, Turkey.

**minois**

*Exoprosopa minois* Loew, 1869b: 221. TYPE LOCALITY: Greece (Rhodes & Leros) & “Kleinasien” [= Turkey] [1S in UMO\*; 12S in ZMHB\*].

*Exoprosopa semiflavida* Becker, 1906e: 274. TYPE LOCALITY: “Ain-el-Ibel” [= Algeria] [H (lost?) in SMNS].

DISTRIBUTION: **Palaearctic**: Afghanistan, Algeria, Armenia, Azerbaijan, Croatia, Greece (incl. Leros, Lesbos, Rhodes, Santorini), Gruzia, Iran, Israel, Italy (incl. Sicily), Macedonia, Syria, Turkey, Turkmenistan, Yugoslavia.

**minuscula**

*Exoprosopa minuscula* Painter in Painter & Painter, 1969: 31. TYPE LOCALITY: Mexico (Chiapas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Morelos). **Neotropical**: Mexico (Chiapas).

**mira**

*Exoprosopa mira* Hesse, 1936: 181. TYPE LOCALITY: Botswana [2S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia.

**mongolica**

*Exoprosopa mongolica* Paramonov, 1928a: 250(72). TYPE LOCALITY: China (Nei Monggol) [H in ZIS; L designation by Zaitzev & Kandybina (1983: 29) is invalid].

DISTRIBUTION: **Palaearctic**: China (Beijing, Nei Monggol, Qinghai, Shanxi, Xizang), Mongolia.

**monticola**

*Exoprosopa monticola* Hesse, 1956b: 828. TYPE LOCALITY: South Africa (Western Cape) [1S in BMNH\*; 1S in MZLU; 1S in BPBM\*; 60S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**morosa**

*Exoprosopa morosa* Loew, 1860a: 92 [1860b: 304; 1860c: 232]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [1S in ZMHB\*; 1S in NHRS].

*Exoprosopa dilatata* Bezzi, 1921a: 157. TYPE LOCALITY: South Africa (KwaZulu-Natal & Eastern Cape & Free State & Western Cape) [S in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique, South Africa (Eastern Cape, Free State, KwaZulu-Natal, Western Cape).

**mozambica**

*Exoprosopa mozambica* Hesse, 1956b: 788. TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [29S in SAMC\*; 2S in NMBZ; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: Mozambique, South Africa (KwaZulu-Natal).

**munda**

*Exoprosopa munda* Loew, 1869b: 206. TYPE LOCALITY: Italy (Sicily) [H in ZMHB\*].

DISTRIBUTION: **Palaearctic**: Algeria, Italy (incl. Sicily), Spain, Tunisia.



**mus**

*Exoprosopa mus* Curran, 1930b: 7. TYPE LOCALITY: Mexico (Guerrero) [H in AMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos, Puebla, Sinaloa). **Neotropical**: Mexico (Oaxaca).

**nebulosa**

*Exoprosopa nebulosa* Hesse, 1956b: 832. TYPE LOCALITY: “South-West Africa” [= Namibia] [2S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**nemesis**

*Anthrax nemesis* Fabricius, 1805: 121. TYPE LOCALITY: “Guinea” [error, not West African] [2S in ZMUC].

*Anthrax nox* Walker, 1849: 250. TYPE LOCALITY: “South Africa” [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, Congo, Ethiopia, Kenya, Namibia, South Africa (Eastern Cape, Western Cape), Swaziland, Tanzania, Zambia, Zimbabwe. **Palaeartic**: Saudi Arabia.

**nigrifera**

*Exoprosopa nigrifera* Walker, 1871a: 261. TYPE LOCALITY: Egypt [T (lost) in BMNH (see Waterhouse, 1906: 598)].

DISTRIBUTION: **Palaeartic**: Egypt.

**nigrina**

*Exoprosopa nigrina* Bezzi, 1924a: 317. TYPE LOCALITY: “N.-W. Rhodesia” [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zambia.

**nigrispina**

*Exoprosopa nigrispina* Bezzi, 1924a: 317. TYPE LOCALITY: Madagascar [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Madagascar.

**nigritella**

*Exoprosopa nigritella* Bezzi, 1924a: 304. TYPE LOCALITY: “Nyasaland” [= Malawi] [4S in BMNH\*; 1S in MSNM].

DISTRIBUTION: **Afrotropical**: Malawi.

**nigroventris**

*Exoprosopa nigroventris* Painter in Painter & Painter, 1969: 32. TYPE LOCALITY: Nicaragua [H in USNM\*].

DISTRIBUTION: **Neotropical**: Costa Rica, Mexico (Chiapas, Oaxaca), Nicaragua.

**niveiventris**

*Exoprosopa niveiventris* Brunetti, 1909b: 214. TYPE LOCALITY: India (West Bengal) [2S in NZSI].

DISTRIBUTION: **Oriental**: India (Karnataka, West Bengal), Sri Lanka.

**noctula**

*Anthrax noctula* Wiedemann, 1830: 635. TYPE LOCALITY: “Nordamerika” [L designated by Painter & Painter (1962: 143) in NMW].

DISTRIBUTION: **Nearctic**: “Nordamerika”.

**nonna**

*Exoprosopa nonna* Becker & Stein, 1912: 604. *Nomen nudum*.

*Exoprosopa nonna* Becker in Becker & Stein, 1913a: 564. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palearctic**: Iran.

**nova**

*Exoprosopa nova* Ricardo, 1910a: 101. TYPE LOCALITY: "Nyasaland" [= Malawi] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Mozambique, South Africa (KwaZulu-Natal), Tanzania.

**novaeformis**,

*Exoprosopa albata* var. *novaeformis* Bezzi, 1924a: 323. TYPE LOCALITY: "Portuguese East Africa" [= Mozambique] [4S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Mozambique.

**nubifera**

*Exoprosopa nubifera* Loew, 1869c: 16 [1872c: 130]. TYPE LOCALITY: Cuba [L designated by Evenhuis (1982b: 14) in MCZ\*].

DISTRIBUTION: **Neotropical**: Bahamas, Cuba.

**nuragasana**

*Exoprosopa nuragasana* Hesse, 1956b: 793. TYPE LOCALITY: "South-West Africa" [= Namibia] [8S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**obscurinotata**

*Exoprosopa obscurinotata* Hesse, 1956b: 849. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**obtusa**

*Exoprosopa obtusa* Bezzi, 1924a: 297. TYPE LOCALITY: South Africa (Gauteng) & "N. Rhodesia" [= Zambia] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng), Zambia.

**ogilviei**

*Exoprosopa ogilviei* Hesse, 1956b: 865. TYPE LOCALITY: South Africa (Gauteng) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**orientalis**

*Exoprosopa tricolor* ssp. *orientalis* Bezzi, 1924a: 313. TYPE LOCALITY: "Kenya Colony" [= Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Somalia, Uganda.

**ovamboana**

*Exoprosopa ovamboana* Hesse, 1956b: 857. TYPE LOCALITY: "South-West Africa" [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**painterorum**

*Exoprosopa cingulata* Johnson & Johnson, 1958: 76. TYPE LOCALITY: USA (California) [H in BYU]. [Preoccupied by Wulp, 1885.]

*Exoprosopa painterorum* Johnson & Johnson, 1959b: 74 (new replacement name for *Exoprosopa cingulata* Johnson & Johnson, 1958).

DISTRIBUTION: **Nearctic**: USA (California).

### **pallasii**

*Anthrax pallasii* Wiedemann, 1818a: 10. TYPE LOCALITY: “. . . mare Caspium” [= Russia (SET) (see Pont, 1995: 150)] “et ad Rhymnum” [= Russia (SET) or Kazakhstan] [1S in NMW\*].

*Nemotelus aethiops* Pallas in Wiedemann, 1818a: 10, 16. [Unavailable; name proposed in synonymy with *Anthrax pallasii* Wiedemann and not made available before 1961.]

*Anthrax punctata* Hoffmanssegg in Wiedemann, 1818a: 11. [Unavailable; name proposed in synonymy and not made available before 1961.]

*Anthrax rhymnica* Eversmann, 1855: 203. TYPE LOCALITY: “Steppen am südlichen Uralfluß” [= Kazakhstan] [H in ZIS].

*Exoprosopa dyonisii* Bigot, 1860: viii. *Nomen nudum*.

*Exoprosopa dyonisii* Bigot, 1861: 772. TYPE LOCALITY: Italy (Sicily) [4S in UMO\*].

*Exoprosopa dionysii* Kertész, 1909: 18 (unjustified emendation of *Exoprosopa dyonisii* Bigot, 1861).

*dionisii*, incorrect original spelling of *dyonisii* (Bigot, 1861: 766).

DISTRIBUTION: **Palaeartic**: Greece, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Mongolia, Russia (SET), Tajikistan, Turkmenistan, Uzbekistan, Yugoslavia.

### **pallida**

*Exoprosopa pallida* Bezzi, 1924a: 329. TYPE LOCALITY: “Nyasaland Protectorate” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

### **pallidifacies**

*Exoprosopa pallidifacies* Hesse, 1956b: 886. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

### **pallidipes**

*Exoprosopa pallidipes* Hesse, 1956b: 812. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

### **pallidisetigera**

*Exoprosopa pallidisetigera* Austen, 1937: 177. TYPE LOCALITY: Israel (West Bank) [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel (West Bank).

### **palustris**

*Exoprosopa palustris* Bezzi, 1924a: 320. TYPE LOCALITY: Uganda [4S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Tanzania, Uganda.

### **panamensis**

*Exoprosopa panamensis* Curran, 1930b: 9. TYPE LOCALITY: Panama [H in AMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Mato Grosso), Colombia, Panama.

**pandora**

*Anthrax pandora* Fabricius, 1805: 121. TYPE LOCALITY: "Algiriae" [= Algeria or Morocco] [2S in ZMUC].

*Nemotelus fenestratus* Pallas in Wiedemann, 1818a: 12. [Unavailable; name proposed in synonymy with *Anthrax pandora* Fabricius and not made available before 1961.]

DISTRIBUTION: **Palearctic**: Algeria, Croatia, Greece (incl. Corfu, Crete, Ithaca, Lesbos, Rhodes, Zakynthos), Gruzia, Hungary, Israel (incl. West Bank), Libya, Macedonia, Morocco, Tunisia, Turkey, Yugoslavia.

**parda**

*Exoprosopa parda* Osten Sacken, 1886a: 88. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 147) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona).

**parvula**

*Exoprosopa parva* Ricardo, 1901: 94. TYPE LOCALITY: South Africa (Gauteng) [2S in BMNH\*]. [Preoccupied by Loew, 1869.]

*Exoprosopa parvula* Bezzi, 1921a: 159 [1924a: 282] (new replacement name for *Exoprosopa parva* Ricardo, 1901).

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Gauteng, KwaZulu-Natal), Swaziland, Zimbabwe.

**paucispina**

*Exoprosopa paucispina* Hesse, 1956b: 863. TYPE LOCALITY: South Africa (Northern Province) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Province).

**pauper**

*Exoprosopa pauper* Walker, 1871a: 261. TYPE LOCALITY: Somalia [T (lost) in BMNH (see Waterhouse, 1906: 598)].

DISTRIBUTION: **Afrotropical**: Somalia.

**pavida**

*Exoprosopa pavida* Williston, 1901a: 270 (key only) [1901b: 273]. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 148) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Puebla). **Neotropical**: Mexico (Oaxaca).

**pectoralis**

*Exoprosopa pectoralis* Loew, 1862a: 78. TYPE LOCALITY: Cyprus & Greece [1S in ZMHB\*].

DISTRIBUTION: **Palearctic**: Afghanistan, Armenia, Azerbaijan, Cyprus, Egypt, Greece, Gruzia, Iran, Israel, Italy, Kyrgyz Republic, Lebanon, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**pelurga**

*Exoprosopa pelurga* Bowden, 1964a: 141. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana, Guinea-Bissau, Nigeria.

**pentoptera**

*Exoprosopa pentoptera* Bezzi, 1912: 648. TYPE LOCALITY: "North Nyasa" [= Malawi] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**perpulchra**

*Exoprosopa perpulchra* Bezzi, 1921a: 159. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [3S in MSNM; S in SAMC].

*Exoprosopa perpulchra* Bezzi, 1924a: 310. TYPE LOCALITY: “Nyasaland Protectorate” [= Malawi] [2S in BMNH\*]. [Preoccupied by Bezzi, 1921.]

DISTRIBUTION: **Afrotropical**: Malawi, Namibia, Zimbabwe.

**pharaonis**

*Exoprosopa pharaonis* Paramonov, 1928a: 260(82). TYPE LOCALITY: Egypt [3S (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Afrotropical**: Mali, Sudan. **Palaeartic**: Egypt, Oman, Saudi Arabia, Tunisia.

**pictilipennis**

*Exoprosopa pictilipennis* Austen, 1936: 201. TYPE LOCALITY: Algeria [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Algeria.

**pleroxantha**

*Exoprosopa pleroxantha* Hesse, 1936: 183. TYPE LOCALITY: Botswana [1S in BMNH\*; S (lost) in MSNM].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia.

**pleskei**

*Exoprosopa pleskei* Paramonov, 1928a: 261(83). TYPE LOCALITY: Uzbekistan [H in ZIS].

*Exoprosopa transcaucasica* Paramonov, 1928a: 278(100). TYPE LOCALITY: Armenia [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Gruzia, Iran, Moldova, Russia (SET), Tajikistan, Turkmenistan, Ukraine, Uzbekistan.

**porricella**

*Exoprosopa porricella* Hesse, 1956b: 867. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**portshinskiji**

*Exoprosopa portshinskiji* Paramonov, 1928b: 509(205). TYPE LOCALITY: Uzbekistan [H in VSRI].

DISTRIBUTION: **Palaeartic**: Uzbekistan.

**povolnyi**

*Exoprosopa povolnyi* Zaitzev, 1977c: 959. TYPE LOCALITY: Afghanistan [H in MMBC].

DISTRIBUTION: **Palaeartic**: Afghanistan.

**praefica**

*Exoprosopa praefica* Loew, 1860a: 92 [1860b: 301; 1860c: 229]. TYPE LOCALITY: South Africa (KwaZulu-Natal) [T in UNKN].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal), Zimbabwe.

**procne**

*Exoprosopa procne* Osten Sacken, 1886a: 85. TYPE LOCALITY: Guatemala [H in BMNH\*].

DISTRIBUTION: **Neotropical**: El Salvador, Guatemala.

**protuberans**

*Exoprosopa protuberans* Bezzi, 1924a: 298. TYPE LOCALITY: “N.-W. Rhodesia” [= Zambia] & “Nyasaland” [= Malawi] [5S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Mozambique, South Africa (KwaZulu-Natal, “Transvaal”), Zambia, Zimbabwe.

**pterosticha**

*Exoprosopa pterosticha* Hesse, 1936: 178. TYPE LOCALITY: Botswana [2S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Kenya, Namibia, Swaziland, Tanzania, Zimbabwe.

**pueblensis**

*Exoprosopa pueblensis* Jaenicke, 1867b: 342 [1868: 34]. TYPE LOCALITY: “Mejico” [probably = Mexico (Puebla)] [T (lost) in HLMD].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Guerrero, Nuevo León, Puebla), USA (Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Oklahoma, Nebraska, North Carolina, South Carolina, Tennessee, Texas).

**puerula**

*Exoprosopa puerula* Brunetti, 1920: 205. TYPE LOCALITY: “Madras” [= India (Tamil Nadu)] [2S in NZSI].

DISTRIBUTION: **Oriental**: India (Himachal Pradesh, Karnataka, Tamil Nadu, Uttar Pradesh).

**pulcherrima**

*Exoprosopa pulcherrima* Paramonov, 1928a: 262(84). TYPE LOCALITY: Iran [H in ZIS].

*pulcheprima*, incorrect original spelling of *pulcherrima* (Paramonov, 1928a: [unpaginated plate legend]).

DISTRIBUTION: **Palaeartic**: Iran.

**pullata**

*Exoprosopa pullata* Zaitzev, 1976c: 696. TYPE LOCALITY: Iraq [H in ZIS].

DISTRIBUTION: **Palaeartic**: Iraq.

**punctifrons**

*Exoprosopa punctifrons* Bezzi, 1924a: 318. TYPE LOCALITY: Nigeria [10S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Nigeria.

**punctulata**

*Exoprosopa punctulata* Macquart, 1840: 48 [1841: 326]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [T in UNKN (originally in Serville Collection)].

*Exoprosopa rasa* Loew, 1860a: 94 [1860b: 311; 1860c: 239]. TYPE LOCALITY: “Nolagi” [= Namibia] [H in NHRS].

DISTRIBUTION: **Afrotropical**: Botswana, Burundi, Eritrea, Ethiopia, Kenya, Mozambique, Namibia, Somalia, South Africa (Eastern Cape, Free State, Gauteng, KwaZulu-Natal, Northern Cape, Northern Province, North-West Province, Western Cape), Tanzania, Uganda, Zambia.

**punjabensis**

*Exoprosopa punjabensis* Nurse, 1922a: 640. TYPE LOCALITY: India (Punjab) [3S in BMNH\*].

DISTRIBUTION: **Oriental**: India (Punjab), Sri Lanka.

**pusilla**

*Exoprosopa pusilla* Macquart, 1840: 46 [1841: 324]. TYPE LOCALITY: “Sénégal” [= Gambia or Senegal] [H in MNHN\*].

*Exoprosopa jacchoides* Bezzi, 1912: 644. TYPE LOCALITY: Nigeria [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Chad, Ethiopia, Gambia, Ghana, Guinea-Bissau, Ivory Coast, Kenya, Nigeria, Senegal, Uganda, Yemen. **Palaeartic**: Saudi Arabia.

**rectifascia**

*Exoprosopa rectifascia* Bezzi, 1924a: 292. TYPE LOCALITY: Angola [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Angola.

**referta**

*Exoprosopa referta* Bezzi, 1924a: 338. TYPE LOCALITY: Nigeria [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Cameroon, Nigeria.

**retracta**

*Exoprosopa retracta* Bezzi, 1924a: 300. TYPE LOCALITY: Angola [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Angola.

**retrorsa**

*Exoprosopa retrorsa* Brunetti, 1909a: 445, 468. TYPE LOCALITY: “Persia” [= Iran] [H in NZSI].  
DISTRIBUTION: **Palaeartic**: Iran.

**rhea**

*Exoprosopa rhea* Osten Sacken, 1886a: 83. TYPE LOCALITY: “Mexico” [T in UNKN].  
DISTRIBUTION: **Nearctic**: Mexico, USA (Arizona, New Mexico, Texas).

**rhodesiensis**

*Exoprosopa rhodesiensis* Hesse, 1956b: 815. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in NMSA\*].  
DISTRIBUTION: **Afrotropical**: Botswana, Zimbabwe.

**richteri**

*Exoprosopa richteri* Lindner, 1975: 13. TYPE LOCALITY: Iran [3S in SMNS].  
DISTRIBUTION: **Palaeartic**: Iran.

**rivularis**

*Anthrax rivularis* Meigen in Wiedemann, 1818a: 11. *Nomen nudum*.

*Anthrax rivularis* Hoffmannsegg in Wiedemann, 1819a: 9. *Nomen nudum*.

*Anthrax rivularis* Meigen, 1820: 176. TYPE LOCALITY: Portugal [L designated by Evenhuis & Greathead (1999: 651) in ZMHB\*].

*Exoprosopa argyrocephala* Macquart, 1840: 40 [1841: 318]. TYPE LOCALITY: “Nord de l’Afrique” & Portugal [4S in MNHN\*].

*Anthrax undans* Walker, 1849: 246. TYPE LOCALITY: Not given [= Palaeartic] [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Armenia, Austria, Azerbaijan, Croatia, France, Georgia, Iran, Israel (incl. West Bank), Italy (incl. Sicily), Kyrgyz Republic, Libya, Macedonia, Mongolia, Morocco, Portugal, Saudi Arabia, Slovenia, Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**robertii**

*Exoprosopa robertii* Macquart, 1840: 44 [1841: 322]. TYPE LOCALITY: “Sénégal” [= Gambia or Senegal] [H in MNHN\*].

*roberti*, incorrect original spelling of *robertii* (Macquart, 1840: pl. 17, fig. 9 [1841: pl. 17, fig. 9]).

DISTRIBUTION: **Afrotropical**: Benin, Ghana, Ivory Coast, Nigeria, Senegal.

**romani**<sup>†</sup>

*Exoprosopa romani* Théobald, 1937a: 350. TYPE LOCALITY: France (Oligocene) [C] [H in UBIG].

DISTRIBUTION: **Palaeartic**: France (Oligocene).

**rostrifera**

*Exoprosopa rostrifera* Jaenicke, 1867b: 341 [1868: 34]. TYPE LOCALITY: “Mejico” [probably = Mexico (Puebla)] [T (lost) in HLMD].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Jalisco, Puebla, Sonora), USA (Arizona, New Mexico). **Neotropical**: Mexico (Oaxaca).

**rufa**

*Exoprosopa rufa* Painter in Painter & Painter, 1962: 151. TYPE LOCALITY: “Mex.” [= Mexico] [H in BMNH\*].

DISTRIBUTION: **Nearctic** or **Neotropical**: Mexico.

**rutila**

*Anthrax rutila* Pallas & Wiedemann in Wiedemann, 1818a: 16. TYPE LOCALITY: “In australi deserto ad Rhythnum rarius . . .” [= Russia (SET) or Kazakhstan] [T in NMW (see Note 20)].

*Anthrax daubei* Guérin-Méneville, 1844: 539. TYPE LOCALITY: France [T (lost) in MNHN].

*Anthrax miegii* Dufour, 1850: 140. TYPE LOCALITY: Spain [T (lost) in MNHN].

*Anthrax interrupta* Mulsant, 1852a: 20 [1852b: 180]. TYPE LOCALITY: France [T (lost) in MNHN]. [Preoccupied by Wiedemann, 1828.]

*Anthrax hilaris* Eversmann, 1855: 202. TYPE LOCALITY: Kazakhstan [L designated by Zaitzev & Kandybina (1983: 23) in ZIS].

*Exoprosopa kruegeri* Bezzi, 1926a: 84. TYPE LOCALITY: Libya [H in MSNM].

*Anthrax nasuta* Dufour in Séguy, 1934b: 32. [Unavailable; name proposed in synonymy with *Anthrax rutila* Pallas & Wiedemann and not made available before 1961.]

DISTRIBUTION: **Palaeartic**: Afghanistan, Algeria, Armenia, Azerbaijan, Croatia, Egypt, France (incl. Corsica), Greece, Gruzia, Iran, Italy, Kazakhstan, Kyrgyz Republic, Libya, Moldova, Mongolia, Morocco, Portugal, Russia (SET), Slovenia, Spain, Tajikistan, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**rutiloides**

*Exoprosopa rutiloides* Bezzi, 1924a: 247. TYPE LOCALITY: Gambia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Gambia.

**sackeni**

*Exoprosopa sackeni* Williston, 1901a: 270, 271. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 153) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero).



**sanctipauli**

*Exoprosopa sanctipauli* Macquart, 1840: 50 [1841: 328] (as “*sancti pauli*”). TYPE

LOCALITY: Brazil (São Paulo) [H in MNHN\*].

DISTRIBUTION: **Neotropical**: Brazil (São Paulo).

**sandarica**

*Exoprosopa sandarica* Yang, Yao & Cui, 2012: 100. TYPE LOCALITY: China (Xin-jiang) [H in IZCAS].

DISTRIBUTION: **Palaearctic**: China (Xijiang).

**scaligera**

*Exoprosopa scaligera* Bezzi, 1912: 643. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Mozambique, South Africa (Eastern Cape).

**schmidti**

*Exoprosopa schmidti* Karsch, 1888: 372. TYPE LOCALITY: Tanzania (Zanzibar) [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania (incl. Zanzibar).

**selenops**

*Exoprosopa selenops* Greathead, 2001a: 142. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**senegalensis**

*Exoprosopa senegalensis* Macquart, 1840: 44 [1841: 322]. TYPE LOCALITY: “Sénégal” [= Gambia or Senegal] [T (lost) in MNHN].

DISTRIBUTION: **Afrotropical**: Ethiopia, Kenya, Senegal, Tanzania.

**serva**

*Exoprosopa serva* Bezzi, 1924a: 353. TYPE LOCALITY: Yemen [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Yemen. **Palaearctic**: Saudi Arabia.

**sharonae**

*Exoprosopa sharonae* Johnson & Johnson, 1958: 78. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Nevada, Utah).

**sigmoidea**

*Exoprosopa sigmoidea* Bezzi, 1912: 640. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, Malawi, Mozambique, Namibia, South Africa (KwaZulu-Natal), Zimbabwe.

**sima**

*Exoprosopa sima* Osten Sacken, 1877: 231. TYPE LOCALITY: USA (Nevada) [L designated by Evenhuis (1982b: 17) in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Nevada).

**simillima**

*Exoprosopa simillima* Hesse, 1956b: 787. TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Mozambique, Namibia, South Africa (KwaZulu-Natal).

**simpsoni**

*Exoprosopa simpsoni* Bowden, 1964a: 138. TYPE LOCALITY: Ghana [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Ghana, Senegal.

**socia**

*Exoprosopa socia* Osten Sacken, 1886a: 87. TYPE LOCALITY: Mexico (Durango) [H in BMNH\*].  
DISTRIBUTION: **Nearctic**: Mexico (Durango, Guerrero).

**sola**

*Exoprosopa sola* Painter, 1939: 42. TYPE LOCALITY: Peru [H in USNM\*].  
DISTRIBUTION: **Neotropical**: Peru.

**sordida**

*Exoprosopa sordida* Loew, 1869c: 14 [1872c: 128]. TYPE LOCALITY: Mexico (Tamaulipas) [2S in MCZ\*].  
DISTRIBUTION: **Nearctic**: Mexico (Tamaulipas).

**spadix**

*Exoprosopa spadix* Painter, 1933b: 6. TYPE LOCALITY: Panama [H in AMNH\*].  
DISTRIBUTION: **Neotropical**: Panama.

**spectrum**

*Exoprosopa spectrum* Speiser, 1910: 79. TYPE LOCALITY: “Kilimandjaro” [= Tanzania] [S in NHRS; 1S in ZMHB\*].  
DISTRIBUTION: **Afrotropical**: Kenya, ?Malawi, Uganda, Tanzania, Zimbabwe.

**stackelbergi**

*Exoprosopa stackelbergi* Zaitzev, 1972c: 1585. TYPE LOCALITY: Tajikistan [H in ZIS].  
DISTRIBUTION: **Palaearctic**: Mongolia, Tajikistan, Turkmenistan, Uzbekistan.

**stannusi**

*Exoprosopa stannusi* Bezzi, 1912: 647. TYPE LOCALITY: “North Nyasa” [= Malawi] [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Congo, Kenya, Malawi, South Africa (Mpumalanga), Zambia, Zimbabwe.

**stenomelaena**

*Exoprosopa stenomelaena* Bezzi, 1924a: 307. TYPE LOCALITY: Angola [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Angola.

**stevensoni**

*Exoprosopa stevensoni* Hesse, 1956b: 799. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC].  
DISTRIBUTION: **Afrotropical**: Zimbabwe.

**strenua**

*Exoprosopa strenua* Loew, 1860a: 92 [1860b: 300; 1860c: 228]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [H in ZMHB\*].  
DISTRIBUTION: **Afrotropical**: Lesotho, Namibia, South Africa (Western Cape).

**subfascia**

*Anthrax subfascia* Walker, 1849: 249. TYPE LOCALITY: Jamaica [1S in BMNH\*; 1S in MVMA].  
DISTRIBUTION: **Neotropical**: Jamaica.

**sylvana**

*Bibio sylvanus* Fabricius, 1775: 758. TYPE LOCALITY: “nova Hollandia” [= Australia (Queensland) (see Musgrave, 1932: 54)] [1S in BMNH\*; 1S in HMUG\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**tabanoides**

*Exoprosopa tabanoides* Bezzi, 1924a: 337. TYPE LOCALITY: “N.-E. Rhodesia” [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Congo, Malawi, South Africa (KwaZulu-Natal), Tanzania, Zambia, Zimbabwe.

**temnocera**

*Exoprosopa temnocera* Bezzi, 1924a: 285, 350. TYPE LOCALITY: “Abyssinia” [= Ethiopia] & “Nyasaland” [= Malawi] [1S (destroyed) in HNHM (see Note 9); 1S (lost?) in BMNH].

DISTRIBUTION: **Afrotropical**: Ethiopia.

**texana**

*Exoprosopa texana* Curran, 1930b: 6. TYPE LOCALITY: USA (Texas) [H in AMNH\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Texas).

**thomae**

*Anthrax thomae* Fabricius, 1805: 125. TYPE LOCALITY: “Americae Insula St. Thomae” [= U.S. Virgin Is] [3S in ZMUC].

DISTRIBUTION: **Neotropical**: U.S. Virgin Is.

**thoracica**

*Exoprosopa thoracica* Bezzi, 1924a: 347. TYPE LOCALITY: “Nyasaland” [= Malawi] [6S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Malawi, Mozambique, Zimbabwe.

**tiburonensis**

*Exoprosopa tiburonensis* Cole, 1923: 291. TYPE LOCALITY: Mexico (Tiburon I) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Tiburon I), USA (Arizona).

**titubans**

*Exoprosopa titubans* Osten Sacken, 1877: 233. TYPE LOCALITY: USA (Colorado) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Colorado, Kansas, New Mexico, Utah).

**tricolor**

*Exoprosopa tricolor* Macquart, 1840: 45 [1841: 323]. TYPE LOCALITY: “Sénégal” [= Gambia or Senegal] [T in UNKN (originally in Serville Collection)].

DISTRIBUTION: **Afrotropical**: Chad, Ghana, Nigeria, Senegal.

**trigradata**

*Exoprosopa trigradata* Hesse, 1956b: 853. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**triloculina**

*Exoprosopa triloculina* Hesse, 1956b: 846. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**tripartita**

*Exoprosopa tripartita* Hesse, 1956b: 784. TYPE LOCALITY: South Africa (Western Cape) [2S in NMSA\*; 1S in BPBM\*; 73S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

**triplex**

*Exoprosopa triplex* Bezzi, 1924a: 311. TYPE LOCALITY: “Belgian Congo” [= Congo] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Congo.

**tuckeri**

*Exoprosopa tuckeri* Bezzi, 1921a: 169. TYPE LOCALITY: “S.W. Protectorate” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, Zimbabwe.

**turkestanica**

*Exoprosopa turkestanica* Paramonov, 1925a: 43. TYPE LOCALITY: Kyrgyz Republic [2S in SIZK; 1S in DEI\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, China (Beijing, Hebei, Sichuan, Xinjiang), Iran, Kyrgyz Republic, Mongolia, Tajikistan.

**tursonovi**

*Exoprosopa tursonovi* Zaitzev, 1988a: 188. TYPE LOCALITY: Sri Lanka [H in ZIS].

DISTRIBUTION: **Oriental**: Sri Lanka.

**unifasciata**

*Exoprosopa unifasciata* Ricardo, 1901: 95. TYPE LOCALITY: South Africa (Gauteng) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng).

**uruguayi**

*Exoprosopa uruguayi* Macquart, 1840: 50 [1841: 328]. TYPE LOCALITY: “Brésil, depuis l’embouchure de l’Uruguay jusqu’aux Missions” [= Uruguay or Brazil] [L designated by Painter & Painter (1974: 131) in MNHN].

*Exoprosopa uruguayi* Painter & Painter, 1974: 131 (unjustified emendation of *Exoprosopa uruguayi* Macquart, 1840).

DISTRIBUTION: **Neotropical**: Brazil, Uruguay.

**utahensis**

*Exoprosopa utahensis* Johnson & Johnson, 1958: 81. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Nevada, Utah).

**varicolor**

*Exoprosopa varicolor* Macquart, 1846: 236(108). TYPE LOCALITY: Brazil (Minas Gerais) [5S in BMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Minas Gerais, São Paulo).

**vassiljevi**

*Exoprosopa vassiljevi* Paramonov, 1928a: 281(103). TYPE LOCALITY: China (Xinjiang) [H in ZIS].

DISTRIBUTION: **Palaeartic**: China (Jiangxi, Xinjiang).

**vayssierei**

*Exoprosopa vayssierei* Séguéy, 1934d: 166. TYPE LOCALITY: Madagascar [S in MNHN].

DISTRIBUTION: **Afrotropical**: Madagascar.

**villaeformis**

*Exoprosopa villaeformis* Bezzi, 1912: 650. TYPE LOCALITY: “North Nyasa” [= Malawi] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: ?Kenya, Malawi, Namibia, ?Nigeria, South Africa (KwaZulu-Natal), Tanzania, ?Uganda, Zimbabwe.

**villosa**

*Exoprosopa villosa* Bezzi, 1924a: 253. TYPE LOCALITY: “Nyasaland Protectorate” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**virgata**

*Exoprosopa virgata* Bowden, 1964a: 136. TYPE LOCALITY: “Ashanti” [= Ghana] [H in JB].

DISTRIBUTION: **Afrotropical**: Benin, Ghana, Nigeria.

**vumbuensis**

*Exoprosopa vumbuensis* Hesse, 1956b: 842. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**xanthina**

*Exoprosopa xanthina* Painter, 1934: 69. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada, Utah).

**zambesiana**

*Exoprosopa zambesiana* Hesse, 1956b: 880. TYPE LOCALITY: “Northern Rhodesia” [= Zambia] [H in NMBZ].

DISTRIBUTION: **Afrotropical**: Zambia.

**zanoni**

*Exoprosopa zanoni* Bezzi, 1922c: 143. TYPE LOCALITY: Libya [H in MCSN].

DISTRIBUTION: **Palaearctic**: Egypt, Libya.

**zarudnyji**

*Exoprosopa zarudnyji* Paramonov, 1928a: 284(106). TYPE LOCALITY: Iran [L designated by Zaitzev & Kandybina (1983: 41) in ZIS].

DISTRIBUTION: **Palaearctic**: Iran.

**zimini**

*Exoprosopa zimini* Paramonov, 1929b: 191(193). TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaearctic**: Mongolia, Turkmenistan, Uzbekistan.

Genus **HETERALONIA** Rondani

*MIMA* Meigen, 1820: 175. Type species: *Anthrax phaeoptera* Wiedemann, 1820, by subsequent designation (Coquillett, 1910b: 570).

**HETERALONIA** Rondani, 1863: 57 [1864: 57]. Type species: *Exoprosopa oculata* Macquart, 1840 (as "*occulata*"), by monotypy.

[*Mima* was originally proposed in synonymy but was made available by Coquillett's (1910: 570) type designation and treatment of it as a senior synonym of *Exoprosopa* Macquart. Despite its being an available name, the type species of *Mima* (*Anthrax phaeoptera* Wiedemann), could not be recognized until recently because of its vague original description. Publication of Meigen's color plates (Morge, 1976) shows it to probably be a species of *Heteralonia* Rondani, subgenus uncertain. To accept the generic concept of *Mima* would cause instability in the taxonomy of this group of flies. Until an application is submitted to the I.C.Z.N. to suppress *Mima* in favor of *Heteralonia*, this catalog treats *Heteralonia* as the valid genus-group name for this group of flies.]

Subgenus **ACRODISCA** Bezzi

**ACRODISCA** Bezzi, 1921a: 138, 139 [1922a: 85; 1923b: 332; 1924a: 234] (as subgenus of *Exoprosopa* Macquart). Type species: *Exoprosopa angulata* Loew, 1860, by subsequent designation (Bezzi, 1924a: 234).

**acrodiscoides**

*Exoprosopa acrodiscoides* Bezzi, 1921b: 476. TYPE LOCALITY: "Ovamboland" [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**alpha**

*Heteralonia alpha* Evenhuis, 1979d: 254. TYPE LOCALITY: Vietnam [H in BPBM\*].

DISTRIBUTION: **Oriental**: Thailand, Vietnam.

**andamanica**

*Exoprosopa andamanica* Pal, 1991: 281. TYPE LOCALITY: Andaman Is [H in NZSI].

DISTRIBUTION: **Oriental**: India (Andaman Is).

**angulata**

*Exoprosopa angulata* Loew, 1860a: 94 [1860b: 314; 1860c: 242]. TYPE LOCALITY: "Cap. B. Sp." [= South Africa (Western Cape)] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Mozambique, South Africa (Western Cape).

**aridicola**

*Exoprosopa aridicola* Hesse, 1956b: 754. TYPE LOCALITY: South Africa (Northern Cape) [1S in BMNH\*; 2S in NMSA\*; 1S in BPBM\*; 31S in SAMC\*].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Northern Cape).

**anemosyris**

*Heteralonia anemosyris* Yao, Yang & Evenhuis, 2009: 46. TYPE LOCALITY: China (Yunnan) [H in CAU].

DISTRIBUTION: **Oriental**: China (Yunnan).

**bowdeni**

*Anthrax suffusa* Walker, 1849: 251. TYPE LOCALITY: Not given [= Egypt (from type specimen label data)] [1S in BMNH\*]. [Preoccupied by Klug, 1832.]

*Heteralonia bowdeni* Evenhuis & Greathead, 1999: 384 (new replacement name for *Anthrax suffusa* Walker, 1849).

DISTRIBUTION: **Palaeartic:** Egypt, Kazakhstan.

**chinensis**

*Heteralonia chinensis* Evenhuis, 1979d: 254. TYPE LOCALITY: China (Yunnan) [H in BPBM\*].

DISTRIBUTION: **Oriental:** China (Yunnan).

**cnecos**

*Heteralonia cnecos* Yao, Yang & Evenhuis, 2009: 47. TYPE LOCALITY: China (Yunnan) [H in CAU].

DISTRIBUTION: **Oriental:** China (Yunnan).

**eremochara**

*Exoprosopa eremochara* Hesse, 1956b: 751. TYPE LOCALITY: South Africa (Northern Cape) [6S in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Northern Cape, Western Cape).

**fimbriatella**

*Exoprosopa fimbriatella* Bezzi, 1921a: 140. TYPE LOCALITY: South Africa (North-West Province) [H in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (North-West Province).

**fumida**

*Heteralonia fumida* Greathead, 2000: 62. TYPE LOCALITY: Namibia [H in NMNW\*].

DISTRIBUTION: **Afrotropical:** South Africa (North-West Province).

**furvalis**

*Exoprosopa fimbriatella* var. *furvalis* Hesse, 1956b: 741. TYPE LOCALITY: South Africa (Northern Province) [H in NMSA\*].

DISTRIBUTION: **Afrotropical:** South Africa (?Gauteng, Northern Cape, Northern Province).

**gonioneura**

*Exoprosopa gonioneura* Hesse, 1956b: 749. TYPE LOCALITY: South Africa (Western Cape) [1S in NMSA\*; 1S in BPBM\*; 24S in SAMC\*].

DISTRIBUTION: **Afrotropical:** Botswana, Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape), Uganda.

**gressitti**

*Heteralonia gressitti* Evenhuis, 1979d: 257. TYPE LOCALITY: China (Yunnan) [H in BPBM\*].

DISTRIBUTION: **Oriental:** China (Yunnan).

**hamula**

*Exoprosopa hamula* Hesse, 1956b: 746. TYPE LOCALITY: South Africa (Western Cape) [22S in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

**haustellata**

*Exoprosopa haustellata* Bezzi, 1924a: 236. TYPE LOCALITY: “N. Rhodesia” [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Tanzania, Zambia.

**hemiphaea**

*Exoprosopa hemiphaea* Hesse, 1956b: 754. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical:** South Africa (Gauteng, Northern Province).

**insularis**

*Exoprosopa insularis* Ricardo, 1903: 365. TYPE LOCALITY: Yemen (Socotra) [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Yemen (Socotra).

**katonae**

*Exoprosopa katonae* Bezzi, 1924a: 235 (key only). TYPE LOCALITY: Uganda [S (lost in MSNM)].

*Exoprosopa pilimana* Bezzi, 1924a: 235 (key only). TYPE LOCALITY: Uganda [S (lost in MSNM)].

*Exoprosopa nephoneura* Hesse, 1950: 25. TYPE LOCALITY: “South West Africa” [= Namibia] [6S in NMSA\*; 1S in BPBM\*; 15S in SAMC\*].

DISTRIBUTION: **Afrotropical:** Kenya, Mozambique, Namibia, South Africa (Gauteng, KwaZulu-Natal, Mpumalanga), Tanzania, Uganda.

**nigripilosa**

*Heteralonia nigripilosa* Yao, Yang & Evenhuis, 2009: 50. TYPE LOCALITY: China (Yunnan) [H in CAU].

DISTRIBUTION: **Oriental:** China (Yunnan).

**obscuripennis**

*Exoprosopa obscuripennis* Hesse, 1956b: 750. TYPE LOCALITY: South Africa (Western Cape) [26S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical:** Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

**ochros**

*Heteralonia ochros* Yao, Yang & Evenhuis, 2009: 51. TYPE LOCALITY: China (Yunnan) [H in CAU].

DISTRIBUTION: **Oriental:** China (Yunnan).

**offuscata**

*Exoprosopa offuscata* Bezzi, 1921a: 141. TYPE LOCALITY: South Africa (Northern Cape & Western Cape) [S in SAMC].

*Exoprosopa melania* Bigot in Bezzi, 1921a: 141. [Unavailable; name proposed in synonymy with *Exoprosopa offuscata* Bezzi and not made available before 1961.]

DISTRIBUTION: **Afrotropical:** Namibia, South Africa (Northern Cape, Western Cape).

**personata**

*Exoprosopa personata* Bezzi, 1921a: 143. TYPE LOCALITY: South Africa (Northern Cape & Western Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical:** Malawi, South Africa (Northern Cape, Western Cape), Zimbabwe.

**polyphleba**

*Heteralonia polyphleba* Evenhuis, 1979d: 257. TYPE LOCALITY: Macao [H in BPBM\*].

DISTRIBUTION: **Oriental:** Macao.

**polysticta**

*Exoprosopa polysticta* Hesse, 1956b: 743. TYPE LOCALITY: South Africa (Western Cape) [9S in BMNH\*; 4S in MZLU; 2S in NMBZ; 2S in BPBM\*; 236S in SAMC\*].



DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

### punctinervis

*Exoprosopa punctinervis* Becker & Stein, 1912: 604. *Nomen nudum*.

*Exoprosopa punctinervis* Becker in Becker & Stein, 1913a: 565. TYPE LOCALITY: Iran [L designated by Zaitzev (1972d: 905) in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Iran.

### recurrens

*Exoprosopa recurrens* Loew, 1860a: 94 [1860b: 313; 1860c: 241]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [H in NHRS].

*Exoprosopa polyspila* Bezzi, 1924a: 238. TYPE LOCALITY: “S. Africa” [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

### rubella

*Exoprosopa rubella* Bezzi, 1924a: 241. TYPE LOCALITY: “Kenya Colony” [= Kenya] [2S in BMNH\*].

*Exoprosopa rubicunda* Hesse, 1956b: 756. TYPE LOCALITY: South Africa (Northern Province) [4S in BMNH\*; 2S in SAMC].

DISTRIBUTION: **Afrotropical**: Kenya, Somalia, South Africa (Mpumalanga, Northern Province), Tanzania, Zambia, Zimbabwe.

### serpentata

*Exoprosopa serpentata* Loew, 1854: 4. TYPE LOCALITY: “Nubien” [= Egypt (from type specimen label data)] [2S in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia, Sudan. **Palaeartic**: Egypt.

### spoliata

*Acrodisca spoliata* Bezzi, 1922a: 85. TYPE LOCALITY: South Africa (Eastern Cape [Willowmore]) [3S in MSNM].

*Exoprosopa spoliata* Bezzi, 1924a: 239. TYPE LOCALITY: South Africa (KwaZulu-Natal [Estcourt]) [H in BMNH\*]. [Preoccupied by Bezzi, 1922.]

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, KwaZulu-Natal).

### suffusa

*Anthrax suffusa* Klug, 1832: pl. 30, fig. 2. TYPE LOCALITY: “Syria” [= Lebanon (see Baker, 1997: 194)] [H in ZMHB\*].

*Exoprosopa conturbata* Loew, 1869b: 224. TYPE LOCALITY: “Südrussland” [probably = Russia (SET)] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Kenya, ?Somalia. **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Cyprus, Greece, Gruzia, Iran, Israel, Italy, Kazakhstan, Moldova, Russia (SET), Saudi Arabia, Syria, Tunisia, Turkey, Ukraine, Yugoslavia.

### suffusipennis

*Exoprosopa suffusipennis* Bezzi, 1923b: 332. TYPE LOCALITY: “Kenya Protectorate” [= Kenya] [H in MNHN\*].

*Exoprosopa otello* Szilády, 1942: 100. TYPE LOCALITY: Tanzania [H (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Afrotropical**: Kenya, Tanzania.

**sytsuana**

*Exoprosopa sytsuana* Paramonov, 1928a: 274(96). TYPE LOCALITY: China (Sichuan) [H in SIZK].

DISTRIBUTION: **Oriental:** China (Yunnan). **Palaeartic:** China (Sichuan).

**umbrosa**

*Exoprosopa umbrosa* Loew, 1860a: 94 [1860b: 315; 1860c: 243]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [2S in NHRS].

*Exoprosopa violacea* Bezzi, 1924a: 241. TYPE LOCALITY: “Nyasaland” [= Malawi] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical:** Angola, Botswana, Malawi, Namibia, South Africa (Eastern Cape, Mpumalanga), Tanzania, Zimbabwe.

**yoshimotoi**

*Heteralonia yoshimotoi* Evenhuis, 1979d: 258. TYPE LOCALITY: Vietnam [H in BPBM\*].

DISTRIBUTION: **Oriental:** Vietnam.

**zonata**

*Exoprosopa zonata* Hesse, 1936: 176. TYPE LOCALITY: South Africa (Northern Province) [2S in NMSA\*].

DISTRIBUTION: **Afrotropical:** Botswana, Namibia, South Africa (Northern Province).

Subgenus **HETERALONIA** Rondani**kaokoensis**

*Exoprosopa kaokoensis* Hesse, 1956b: 909. TYPE LOCALITY: “South-West Africa” [= Namibia] [2S in SAMC].

DISTRIBUTION: **Afrotropical:** Namibia.

**oculata**

*Exoprosopa oculata* Macquart, 1840: 45 [1841: 323]. TYPE LOCALITY: “Sénégal” [= Gambia or Senegal] [L designated by Evenhuis & Greathead (1999: 664) in MNHN\*].

*oculta*, error for *oculata*.

DISTRIBUTION: **Afrotropical:** Chad, Eritrea, Gambia, Ghana, Kenya, Nigeria, Senegal, Tanzania, Uganda.

Subgenus **HOMOLONIA** Bowden

**HOMOLONIA** Bowden, 1975c: 319. Type species: *Anthrax megerlei* Meigen, 1820, by original designation.

**aegina**

*Anthrax aegina* Wiedemann, 1828: 563. TYPE LOCALITY: Egypt & “Nubien” [= Egypt or Sudan] [3S in SMFD; 3S in ZMHB\*].

*Anthrax ferruginea* Klug, 1832: pl. 30, fig. 4. TYPE LOCALITY: Egypt & Sudan [S (lost) in ZMHB].

*Exoprosopa bovei* Macquart, 1840: 41 [1841: 319]. TYPE LOCALITY: Egypt [H in MNHN\*].

*bovis*, error for *bovei*.

DISTRIBUTION: **Afrotropical:** Djibouti, Sudan. **Palaeartic:** Armenia, Azerbaijan, Egypt, Gruzia, Israel, Kyrgyz Republic, Saudi Arabia, Syria, Tajikistan, Turkmenistan, Uzbekistan, Yemen.

**axumitae**

*Exoprosopa axumitae* Greathead, 1967: 269. TYPE LOCALITY: Ethiopia [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Ethiopia.

**bengalensis**

*Exoprosopa bengalensis* Macquart, 1840: 49 [1841: 327]. TYPE LOCALITY: “Bengale”  
[= India (Bihar or West Bengal)] [H (lost) in MNHN].  
DISTRIBUTION: **Oriental**: India (Bihar or West Bengal, Karnataka), Sri Lanka.

**caffrariana**

*Exoprosopa caffrariana* Hesse, 1956b: 772. TYPE LOCALITY: South Africa (Eastern  
Cape) [H in NMSA\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**campestris**

*Exoprosopa campestris* Hesse, 1956b: 781. TYPE LOCALITY: South Africa (Western  
Cape) [H in SAMC].  
DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**capensis**

*Anthrax capensis* Wiedemann, 1821a: 83 [1821b: 133]. TYPE LOCALITY: “Prom. bon.  
sp.” [= South Africa (Western Cape)] [2S in ZMUC; 1S in ZMHB\*; 1S in NMW\*].  
DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**connivens**

*Exoprosopa connivens* Bezzi, 1924a: 261. TYPE LOCALITY: “S. Africa” [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**corvinoides**

*Exoprosopa corvinoides* Hesse, 1956b: 772. TYPE LOCALITY: South Africa (Western  
Cape) [8S in SAMC\*; 1S in BPBM\*].  
DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**cosmoptera**

*Exoprosopa cosmoptera* Bezzi, 1924a: 335. TYPE LOCALITY: “Nyasaland Protec-  
torate” [= Malawi] [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Malawi, Namibia.

**dolichoptera**

*Exoprosopa dolichoptera* Bezzi, 1924a: 257. TYPE LOCALITY: Madagascar [H in  
BMNH\*].  
DISTRIBUTION: **Afrotropical**: Madagascar.

**guillarmodi**

*Exoprosopa guillarmodi* Hesse, 1956b: 776. TYPE LOCALITY: “Basutoland” [= Leso-  
tho] [H in SAMC].  
DISTRIBUTION: **Afrotropical**: Lesotho, South Africa (Eastern Cape, North-West  
Province).

**gujaratica**

*Exoprosopa gujaratica* Nurse, 1922a: 636. TYPE LOCALITY: India (Maharashtra) [7S  
in BMNH\*].  
DISTRIBUTION: **Oriental**: India (Maharashtra).

**karooana**

*Exoprosopa karooana* Hesse, 1956b: 779. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**lateralis**

*Exoprosopa lateralis* Brunetti, 1909a: 467. TYPE LOCALITY: India (West Bengal) [3S in NZSI].

DISTRIBUTION: **Oriental**: India (Andhra Pradesh, Karnataka, Orissa, West Bengal).

**leucothyrida**

*Exoprosopa leucothyrida* Hesse, 1956b: 774. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Free State, Northern Cape, Western Cape).

**maculifera**

*Exoprosopa maculifera* Bezzi, 1921a: 147. TYPE LOCALITY: “Cape” [= South Africa] [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**maculosa**

*Anthrax maculosa* Wiedemann, 1819a: 10. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape) [2S in ZMUC; 1S in NMW\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**megerlei**

*Anthrax vespertilio* Hoffmannsegg in Wiedemann, 1818a: 11. *Nomen nudum*.

*Nemotelus nycteus* Pallas in Wiedemann, 1818a: 11. [Unavailable; name proposed in synonymy and not made available before 1961.]

*Anthrax megerlei* Meigen, 1820: 174. TYPE LOCALITY: “Oesterreich” [probably = Austria] [T (destroyed) in NMW (see Note 18)].

*Anthrax vespertilio* Wiedemann in Meigen, 1820: 178. TYPE LOCALITY: “südlichen Taurien” [probably = Russia (SET)] [1S in SMFD; 1S in ZMHB\*].

*Exoprosopa consanguinea* Macquart, 1840: 44 [1841: 322]. TYPE LOCALITY: “Sénégal” [= Gambia or Senegal] [T in UNKN (originally in Serville Collection)].

*Anthrax egyptiaca* Macquart, 1840: 71 [1841: 349]. TYPE LOCALITY: Egypt [H in MNHN\*].

*Anthrax campicola* Eversmann, 1855: 203. TYPE LOCALITY: Kazakhstan [L designated by Zaitzev & Kandybina (1983: 16) in ZIS].

*Exoprosopa mayeti* Bigot, 1888c: 9. TYPE LOCALITY: Tunisia [2S in KBIN].

*Anthrax aegyptiacus* Bezzi in Becker, Bezzi, Bischof, Kertész & Stein, 1903: 174 (unjustified emendation of *Anthrax egyptiaca* Macquart, 1840).

*Exoprosopa compar* Bezzi, 1924a: 255. TYPE LOCALITY: Nigeria [H in BMNH\*].

*Exoprosopa deserticola* Paramonov, 1928a: 224(46). TYPE LOCALITY: Israel [1S in SIZK; 3S in ZIS].

*Exoprosopa megerlei* ssp. *turanica* Paramonov, 1928a: 244(66). TYPE LOCALITY: “Turkestans” & Iran [S (lost) in SIZK; 2S in ZIS].

*Exoprosopa conspicienda* Austen, 1937: 169. TYPE LOCALITY: Israel & Israel (Gaza Strip) [12S in BMNH\*].

DISTRIBUTION: **Afrotropical:** Chad, Gambia, Ghana, Mauritania, Niger, Nigeria, Senegal, Sudan, Yemen. **Oriental:** Pakistan. **Palaeartic:** Albania, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Egypt, France, Greece (incl. Corfu, Zakynthos), Gruzia, Iran, Israel (incl. Gaza Strip), Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Moldova, Oman, Romania, Russia (SET), Saudi Arabia, Slovenia, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Yugoslavia.

**mucida**

*Exoprosopa mucida* François, 1972b: 15. TYPE LOCALITY: Mauritania [H in MNHN\*].  
DISTRIBUTION: **Afrotropical:** Mauritania.

**neurospila**

*Exoprosopa neurospila* Bezzi, 1921a: 145. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].  
DISTRIBUTION: **Afrotropical:** South Africa (KwaZulu-Natal).

**nigerrima**

*Exoprosopa nigerrima* Bezzi, 1924a: 256. TYPE LOCALITY: Gambia [21S in BMNH\*; 1S in MSNM].  
DISTRIBUTION: **Afrotropical:** Gambia, Ghana, Nigeria, Togo.

**nigrovenosa**

*Exoprosopa nigrovenosa* Bezzi, 1921a: 146. TYPE LOCALITY: South Africa (KwaZulu-Natal [Durban]) [H in SAMC].  
*Exoprosopa nigrovenosa* Bezzi, 1924a: 259. TYPE LOCALITY: South Africa (KwaZulu-Natal [Estcourt & Will Brook]) [8S in BMNH\*; 1S in MSNM]. [Preoccupied by Bezzi, 1921.]  
DISTRIBUTION: **Afrotropical:** South Africa (KwaZulu-Natal), Swaziland.

**noctilio**

*Anthrax noctilio* Klug, 1832: pl. 30, fig. 8. TYPE LOCALITY: Sudan [T (lost) in ZMHB].  
*Exoprosopa marginalis* Walker, 1871a: 260. TYPE LOCALITY: Eritrea [H in BMNH\*].  
DISTRIBUTION: **Afrotropical:** Eritrea, Kenya, Somalia, Sudan, Tanzania.

**plerosticta**

*Exoprosopa plerosticta* Hesse, 1956b: 783. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].  
DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

**porrectella**

*Exoprosopa porrectella* Hesse, 1956b: 777. TYPE LOCALITY: South Africa (Western Cape) [14S in SAMC\*; 1S in BPBM\*].  
DISTRIBUTION: **Afrotropical:** South Africa (Eastern Cape, Western Cape).

**vesperugo**

*Exoprosopa vesperugo* Costa, 1893: 101. TYPE LOCALITY: Tunisia [T in MZUN].  
DISTRIBUTION: **Palaeartic:** Egypt, Libya, Tunisia.

Subgenus **ISOTAMIA** Bezzi

**ISOTAMIA** Bezzi, 1912: 606, 627 (as genus). Type species: *Isotamia daveyi* Bezzi, 1912, by original designation.

*FRANCOISIA* Hesse, 1952: 1 (as genus). Type species: *Francoisia sulcifacies* Hesse, 1952 [= *Isotamia daveyi* Bezzi, 1912], by original designation.

*OGILVIELLA* Paramonov, 1954a: 26 (as genus). Type species: *Ogilviella tridentata* Paramonov, 1954 [= *Isotamia daveyi* Bezzi, 1912], by monotypy.

*STENOLONIA* Bowden, 1975c: 319. Type species: *Exoprosopa loxospila* Hesse, 1956, by original designation.

**annandalei**

*Exoprosopa annandalei* Brunetti, 1909a: 469. TYPE LOCALITY: “Lower Burma” [= Myanmar] [2S in NZSI].

DISTRIBUTION: **Oriental:** India (Tamil Nadu), Myanmar.

**auriplena**

*Anthrax auriplena* Walker, 1852: 171. TYPE LOCALITY: “East Indies” [= India] [H in BMNH\*].

DISTRIBUTION: **Oriental:** India.

**azaniae**

*Heteralonia azaniae* Greathead & Evenhuis, 2001b: 201. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya, Tanzania.

**bangalorensis**

*Exoprosopa bangalorensis* Zaitzev, 1987: 649 [1988: 7]. TYPE LOCALITY: India (Karnataka) [H in ZMUC].

DISTRIBUTION: **Oriental:** India (Karnataka).

**brahma**

*Exoprosopa brahma* Schiner, 1868b: 118. TYPE LOCALITY: “Ceylon” [= Sri Lanka] [2S in NMW].

DISTRIBUTION: **Oriental:** India (Karnataka, Tamil Nadu), Sri Lanka.

**brunettii**

*Exoprosopa brunettii* Zaitzev, 1987: 646 [1988: 3]. TYPE LOCALITY: India (Karnataka) [H in ZMUC].

DISTRIBUTION: **Oriental:** India (Karnataka), Sri Lanka.

**ceuthodonta**

*Exoprosopa ceuthodonta* Hesse, 1936: 180. TYPE LOCALITY: Botswana [S in NMSA\*].

DISTRIBUTION: **Afrotropical:** Botswana, Namibia.

**daveyi**

*Isotamia daveyi* Bezzi, 1912: 628. TYPE LOCALITY: “North Nyasa” [= Malawi] [H in BMNH\*].

*Francoisia sulcifacies* Hesse, 1952: 4. TYPE LOCALITY: “Belgian Congo” [= Congo] [H in KBIN].

*Ogilviella tridentata* Paramonov, 1954a: 26. TYPE LOCALITY: Congo [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Burundi, Congo, Malawi.

**insulata**

*Anthrax insulata* Walker, 1852: 172. TYPE LOCALITY: “East Indies” [= India] [2S in BMNH\*].

*Exoprosopa octonotata* Bigot in Brunetti, 1909b: 446. [Unavailable; name proposed in synonymy with *Anthrax insulata* Walker and not made available before 1961.]

*Exoprosopa 8-notata* Bigot in Brunetti, 1920: 204. [Unavailable; name proposed in synonymy with *Anthrax insulata* Walker and not made available before 1961.]

DISTRIBUTION: **Oriental:** India (Andhra Pradesh, Assam, Bihar, Himachal Pradesh, Karnataka, Madhya Pradesh, Maharashtra, Meghalaya, Tamil Nadu, Uttar Pradesh, West Bengal), Myanmar, Nepal, Sri Lanka.

**javana**

*Exoprosopa javana* Macquart, 1840: 49 [1841: 327]. TYPE LOCALITY: Indonesia (Java) [H in MNHN\*].

DISTRIBUTION: **Oriental:** Indonesia (Java).

**lankiensis**

*Exoprosopa lankiensis* Zaitzev, 1988b: 869 [1990: 115]. TYPE LOCALITY: India (Karnataka) [H in ZMUC].

DISTRIBUTION: **Oriental:** India (Karnataka), Sri Lanka.

**lepidogastra**

*Exoprosopa lepidogastra* Bezzi, 1912: 639. TYPE LOCALITY: “North Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya, Malawi, Tanzania.

**loxospila**

*Exoprosopa loxospila* Hesse, 1956b: 843. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical:** South Africa (Eastern Cape, Gauteng).

**maculiventris**

*Exoprosopa maculiventris* Brunetti, 1920: 200. TYPE LOCALITY: India (Punjab) [H in NZSI].

DISTRIBUTION: **Oriental:** India (Karnataka, Punjab).

**mudigerensis**

*Exoprosopa mudigerensis* Zaitzev, 1987: 648 [1988: 5]. TYPE LOCALITY: India (Karnataka) [H in ZMUC].

DISTRIBUTION: **Oriental:** India (Karnataka).

**mydasiformis**

*Exoprosopa mydasiformis* Bezzi, 1924a: 271. TYPE LOCALITY: “Kenya Colony” [= Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya.

**sipho**

*Exoprosopa sipho* Aldrich, 1928: 2. TYPE LOCALITY: India (Meghalaya) [H in USNM\*].

DISTRIBUTION: **Oriental:** India (Meghalaya).

**siva**

*Exoprosopa siva* Nurse, 1922a: 634. TYPE LOCALITY: India (Maharashtra) [4S in BMNH\*].

DISTRIBUTION: **Oriental:** India (Himachal Pradesh, Karnataka, Maharashtra, Orissa, Tamil Nadu).

**spiloneura**

*Exoprosopa spiloneura* Bezzi, 1926b: 271. TYPE LOCALITY: Egypt [H (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Palaearctic**: Egypt.

**stylata**

*Exoprosopa stylata* Brunetti, 1920: 201. TYPE LOCALITY: “Ceylon” [= Sri Lanka] [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Karnataka), Sri Lanka.

**tarikerensis**

*Exoprosopa tarikerensis* Zaitzev, 1987: 645 [1988: 2]. TYPE LOCALITY: India (Karnataka) [H in ZMUC].

DISTRIBUTION: **Oriental**: India (Karnataka).

Subgenus **METAPENTA** Bezzi

**METAPENTA** Bezzi, 1921a: 138, 139 [1922a: 84; 1923b: 330; 1924a: 230] (as subgenus of *Exoprosopa* Macquart). Type species: *Exoprosopa pentala* Macquart, 1840, by subsequent designation (Bezzi, 1924a: 230).

*METAPEUTA*, incorrect original spelling of *Metapenta* (Bezzi, 1921a: 2).

**atrella**

*Exoprosopa atrella* Hesse, 1956b: 732. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Malawi, Mozambique, Zimbabwe.

**cadicerina**

*Exoprosopa cadicerina* Bezzi, 1924a: 232. TYPE LOCALITY: South Africa (KwaZulu-Natal) [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**cingulalis**

*Exoprosopa cingulalis* Hesse, 1956b: 734. TYPE LOCALITY: South Africa (Northern Cape) [5S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**clathrata**

*Exoprosopa clathrata* Bezzi, 1923b: 330 [1924a: 231 (key only)]. TYPE LOCALITY: “Kenya Protectorate” [= Kenya] [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**corvina**

*Exoprosopa corvina* Loew, 1860a: 95 [1860b: 315; 1860c: 243]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: Malawi, Namibia, South Africa (Eastern Cape, Free State, KwaZulu-Natal), Zimbabwe.

**dubia**

*Exoprosopa dubia* Ricardo, 1901: 102. TYPE LOCALITY: South Africa (Gauteng) [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Gauteng), Zimbabwe.



**furvipennis**

*Exoprosopa furvipennis* Hesse, 1956b: 730. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**melanostola**

*Exoprosopa melanostola* Hesse, 1956b: 731. TYPE LOCALITY: South Africa (Northern Province) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Province).

**pentala**

*Exoprosopa pentala* Macquart, 1840: 47 [1841: 325]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [H in MNHN\*].

*Exoprosopa reticulata* Loew, 1860a: 95 [1860b: 316; 1860c: 244]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Mozambique, South Africa (Western Cape).

**venosa**

*Anthrax venosa* Wiedemann, 1819a: 9. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [1S in NMW\*; 3S in ZMHB\*; 2S in ZMUC].

DISTRIBUTION: **Afrotropical**: South Africa (Free State, Western Cape).

Subgenus **ZYGODIPLA** Bezzi

**ZYGODIPLA** Bezzi, 1924a: 244 (as subgenus of *Exoprosopa* Macquart) [1926b: 268 (as genus)]. Type species: *Anthrax algira* Fabricius, 1794, by original designation.

**CORYCETTA** Hull, 1973: 413 (as subgenus of *Exoprosopa* Macquart). Type species: *Exoprosopa subfasciata* Engel, 1936, by original designation.

**COLLOSOPTERA** Hull, 1973: 430. Type species: *Exoprosopa latipennis* Brunetti, 1909, by original designation.

**abjecta**

*Exoprosopa abjecta* Nurse, 1922a: 635. TYPE LOCALITY: India (Maharashtra) [8S in BMNH\*].

DISTRIBUTION: **Oriental**: India (Maharashtra).

**adelpha**

*Exoprosopa adelpha* Becker, 1906c: 152. TYPE LOCALITY: Algeria [T in UNKN (not in KBIN or ZMHB)].

DISTRIBUTION: **Palaeartic**: Algeria, Tunisia.

**aeaca**

*Anthrax aeacus* Meigen, 1804: 208. TYPE LOCALITY: Portugal [1S in MNHN\*; 2S in ZMHB\*].

*Anthrax livida* Pallas in Wiedemann, 1818a: 15. TYPE LOCALITY: “In Chersoneso Taurica” [= Russia (SET) (see Pont, 1995: 151)] [T in NMW (see Note 20)].

*Anthrax bombyciformis* Dufour, 1833: 214 [1836: 470]. TYPE LOCALITY: Spain [T (lost) in MNHN].

*Exoprosopa lutea* Macquart, 1840: 40 [1841: 318]. TYPE LOCALITY: “nord de l’Afrique” & Spain [1S (lost) in MNHN; 2S in UMO\*].

DISTRIBUTION: **Afrotropical**: Yemen. **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Austria, Bulgaria, Croatia, France, Iran, Israel, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Macedonia, Moldova, Oman, Portugal, Russia (SET), Saudi Arabia, Slovenia, Spain, Switzerland, Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Yugoslavia.

**albida**

*Anthrax albida* Walker, 1852: 171. TYPE LOCALITY: "East Indies" [= India] [H in BMNH\*].

*albidia*, error for *albida*.

DISTRIBUTION: **Oriental**: India (Maharashtra).

**algira**

*Anthrax algira* Fabricius, 1794: 258. TYPE LOCALITY: "Barbaria" [= Algeria] [S (lost) in MNHN].

*Anthrax sicula* Macquart, 1834: 401. TYPE LOCALITY: Italy (Sicily) [T in UNKN (originally in Lefebvre Collection)].

*Exoprosopa archimedeae* Bigot, 1860: viii. *Nomen nudum*.

*Exoprosopa archimedeae* Bigot, 1861: 774. TYPE LOCALITY: Italy (Sicily) [H in UMO\*].

DISTRIBUTION: **Palaearctic**: Afghanistan, Algeria, Egypt, France, Greece, Iran, Italy (incl. Sicily), Morocco, Spain, Tajikistan, Tunisia, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**bagdadensis**

*Anthrax bagdadensis* Macquart, 1840: 43 [1841: 321]. TYPE LOCALITY: Iraq [H in MNHN\*].

*Exoprosopa subfasciata* Loew, 1871: 158. *Nomen nudum*.

*Exoprosopa clausa* Becker & Stein, 1912: 604. *Nomen nudum*.

*Exoprosopa clausa* Becker in Becker & Stein, 1913a: 560. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, Egypt, Iran, Iraq, Israel (incl. West Bank), Mongolia, Oman, Saudi Arabia, United Arab Emirates.

**beckeri**

*Exoprosopa beckeri* Austen, 1913: 461. TYPE LOCALITY: Algeria [H in BMNH\*].

DISTRIBUTION: **Palaearctic**: Algeria.

**bezzii**

*Exoprosopa bezzii* Paramonov, 1928a: 213(35). TYPE LOCALITY: Egypt [2S (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Palaearctic**: Egypt, Israel.

**bisecta**

*Heteralonia bisecta* Greathead, 1988: 109. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].

DISTRIBUTION: **Palaearctic**: Saudi Arabia.

**chorogensis**

*Exoprosopa chorogensis* Belanovsky, 1950: 138. TYPE LOCALITY: Tajikistan [H in SIZK].

DISTRIBUTION: **Palaearctic**: Tajikistan, Uzbekistan.

**completa**

*Exoprosopa completa* Loew, 1873: 161. TYPE LOCALITY: Kazakhstan & Uzbekistan [3S in ZMHB\*].

DISTRIBUTION: **Palaearctic**: Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

**deserta**

*Exoprosopa deserta* Paramonov, 1928a: 224(46). TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaearctic**: Tajikistan, Turkmenistan, Uzbekistan.

**eremophila**

*Exoprosopa eremophila* Greathead, 1970: 113. TYPE LOCALITY: Mali [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Mali, Niger.

**fallaciosa**

*Exoprosopa fallaciosa* Loew, 1873: 162. TYPE LOCALITY: Turkmenistan [H in ZMHB\*].

*Exoprosopa evanescens* Becker & Stein, 1912: 604. *Nomen nudum*.

*Exoprosopa evanescens* Becker in Becker & Stein, 1913a: 559. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Afrotropical**: Yemen. **Oriental**: Pakistan. **Palaeartic**: Afghanistan, Iran, Israel, Oman, Saudi Arabia, Tajikistan, Turkmenistan, United Arab Emirates, Uzbekistan.

**fusconotata**

*Exoprosopa fusconotata* Becker & Stein, 1912: 604. *Nomen nudum*.

*Exoprosopa fusconotata* Becker in Becker & Stein, 1913a: 566. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Oriental**: Pakistan. **Palaeartic**: Iran, Turkmenistan.

**hermani**

*Exoprosopa hermani* François, 1967b: 279. TYPE LOCALITY: Israel [H in KBIN\*].

DISTRIBUTION: **Palaeartic**: Israel.

**interstitialis**

*Exoprosopa interstitialis* Nurse, 1922a: 636. TYPE LOCALITY: Pakistan [H in BMNH\*].

DISTRIBUTION: **Oriental**: Pakistan. **Palaeartic**: Afghanistan.

**kirgizorum**

*Exoprosopa kirgizorum* Paramonov, 1928a: 238(60). TYPE LOCALITY: Kyrgyz Republic [H in ZIS].

*Exoprosopa uzbekorum* Paramonov, 1928a: 280(102). TYPE LOCALITY: Uzbekistan [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Kyrgyz Republic, Tajikistan, Uzbekistan.

**latipennis**

*Exoprosopa latipennis* Brunetti, 1909a: 464. TYPE LOCALITY: “Assam” [= India (Meghalaya)] [H in NZSI].

DISTRIBUTION: **Oriental**: India (Karnataka, Meghalaya).

**latiuscula**

*Exoprosopa latiuscula* Loew, 1873: 154. TYPE LOCALITY: Uzbekistan [H in UNKN].

*Exoprosopa farinosa* Becker & Stein, 1912: 604. *Nomen nudum*.

*Exoprosopa farinosa* Becker in Becker & Stein, 1913a: 562. TYPE LOCALITY: Iran [L designated by Zaitzev (1972d: 905) in ZIS].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Gruzia, Iran, Mongolia, Tajikistan, Turkmenistan, Uzbekistan.

**lugubris**

*Exoprosopa lugubris* Macquart, 1840: 42 [1841: 320]. TYPE LOCALITY: “d’Arabie” [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Kuwait, Oman, Saudi Arabia, United Arab Emirates.

**melanoptera**

*Anthrax melanoptera* Pallas & Wiedemann in Wiedemann, 1818a: 11. TYPE LOCALITY: “in australioribus deserti tatarici” [probably = Russia (CET or SET) (see Pont, 1995: 150)] [T in NMW (see Note 20)].

DISTRIBUTION: **Palaeartic**: Armenia, Cyprus, Iran, Russia (CET), Syria.

**mira**

*Heteralonia mira* Greathead, 2000: 63. TYPE LOCALITY: Namibia [H in NMNW\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**mucorea**

*Anthrax mucorea* Klug, 1832: pl. 30, fig. 6. TYPE LOCALITY: “Arabia deserta” [= Saudi Arabia (see Baker, 1997: 195)] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Algeria, Egypt, Iran, Kuwait, Kyrgyz Republic, Oman, Saudi Arabia, Syria, Tajikistan, Tunisia, Turkmenistan, United Arab Emirates, Uzbekistan.

**normalis**

*Exoprosopa normalis* Loew, 1869b: 208. TYPE LOCALITY: Greece & “griechischen Inseln” [4S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Greece (incl. Rhodes), Italy, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**nubeculosa**

*Exoprosopa nubeculosa* Loew, 1871: 205 [1872b: 56]. TYPE LOCALITY: Tajikistan [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tajikistan, Uzbekistan.

**occlusa**

*Exoprosopa occlusa* Loew, 1873: 158. TYPE LOCALITY: Uzbekistan [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Iran, Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**occlusoides**

*Exoprosopa occlusoides* Paramonov, 1928a: 256(78). TYPE LOCALITY: Turkmenistan [2S in SIZK].

*Exoprosopa occlusoides* var. *lactea* Paramonov, 1928a: 257(79). TYPE LOCALITY: Tajikistan [L designated by Zaitzev & Kandybina (1983: 26) in ZIS].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**olivierii**

*Exoprosopa olivierii* Macquart, 1840: 42 [1841: 320]. TYPE LOCALITY: “Arabie” [2S in MNHN\*].

DISTRIBUTION: **Afrotropical**: Yemen. **Palaeartic**: Egypt, Israel (incl. West Bank), Saudi Arabia, United Arab Emirates.

**rivulosa**

*Exoprosopa rivulosa* Becker, 1902: 26. TYPE LOCALITY: Egypt [3S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt, Iran, Israel, Turkey.

**sabulina**

*Exoprosopa sabulina* Becker & Stein, 1912: 604. *Nomen nudum*.

*Exoprosopa sabulina* Becker in Becker & Stein, 1913a: 567. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palaeartic**: Iran.

**singularis**

*Exoprosopa singularis* Macquart, 1840: 32 [1841: 310]. TYPE LOCALITY: Morocco [2S in MNHN\*].

DISTRIBUTION: **Afrotropical**: Yemen. **Palaeartic**: Egypt, Israel, Libya, Morocco, Oman, Saudi Arabia, United Arab Emirates.

**suavipennis**

*Exoprosopa suavipennis* Macquart, 1850: 409(105). TYPE LOCALITY: Cape Verde Is [H in UMO\*].

DISTRIBUTION: **Afrotropical**: Cape Verde Is, Gambia, Mauritania, Senegal.

**subfasciata**

*Exoprosopa subfasciata* Engel, 1936d: 515. TYPE LOCALITY: Turkey [2S in NMW].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Iran, Turkey.

**submucorea**

*Heteralonia submucorea* Greathead, 1980a: 245. TYPE LOCALITY: Oman [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Oman.

**tephroleuca**

*Exoprosopa tephroleuca* Loew, 1856: 30. TYPE LOCALITY: Egypt [1S in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt.

**tephroptera**

*Exoprosopa tephroptera* Zaitzev, 1977c: 959. TYPE LOCALITY: Afghanistan [H in MMBC].

DISTRIBUTION: **Palaeartic**: Afghanistan.

Subgenerically Unplaced Species of **HETERALONIA** Rondani

**araxana**

*Exoprosopa araxana* Paramonov, 1928a: 208(30). TYPE LOCALITY: Armenia [2S in SIZK].

*Exoprosopa meridionalis* Paramonov, 1928a: 246(69). TYPE LOCALITY: Kazakhstan [L designated by Zaitzev & Kandybina (1983: 27) in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Iran, Kazakhstan, Uzbekistan.

**arenacea**

*Exoprosopa arenacea* Becker, 1906c: 151. TYPE LOCALITY: Algeria [T in UNKN].

DISTRIBUTION: **Palaeartic**: Algeria, Morocco, Tunisia.

**argentifera**

*Anthrax argentifera* Walker, 1849: 263. TYPE LOCALITY: Not given [= unknown] [H in BMNH\*].

DISTRIBUTION: **Patria Ignota**: Unknown.

**dissoluta**

*Exoprosopa dissoluta* Nurse, 1922a: 638. TYPE LOCALITY: Pakistan [6S in BMNH\*].

DISTRIBUTION: **Oriental**: Pakistan.

**mesomelaena**

*Anthrax mesomelaena* Lichtenstein, 1796: 214. TYPE LOCALITY: “Cap. bon. spei.” [= South Africa (Western Cape)] [T in UNKN (sold at auction)].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**phaeoptera**

*Anthrax phaeoptera* Wiedemann in Meigen, 1820: 174. TYPE LOCALITY: "Oesterreich" [probably = Austria] [S (destroyed) in NMW (see Note 18)].

*Mima titanus* Megerle in Meigen, 1820: 174. [Unavailable; name proposed in synonymy with *Anthrax phaeoptera* Meigen and not made available before 1961.] [Preoccupied by Fabricius, 1798.]

DISTRIBUTION: **Palearctic**: "Oesterreich" [probably = Austria].

**scutellata**

*Xoprosopa scutellata* Bhalla, Grewel & Kapoor, 1991: 19. TYPE LOCALITY: India (Himachal Pradesh) [H in INPC].

DISTRIBUTION: **Oriental**: India (Himachal Pradesh).

Genus **HYPERALONIA** Rondani

**HYPERALONIA** Rondani, 1863: 58 [1864: 58]. Type species: *Anthrax erythrocephala* Fabricius, 1805, by subsequent designation (Dallas, 1866: 649).

**atra**

*Hyperalonia atra* Painter in Painter & Painter, 1968b: 110. TYPE LOCALITY: Argentina [H in IMLA].

DISTRIBUTION: **Neotropical**: Argentina.

**chilensis**

*Hyperalonia chilensis* Rondani, 1863: 59 [1864: 59]. TYPE LOCALITY: Chile [H in MZUN].

DISTRIBUTION: **Neotropical**: Chile, Peru.

**diminuta**

*Hyperalonia diminuta* Couri & Lamas, 1994: 119. TYPE LOCALITY: Brazil (Goiás) [H in MNRJ].

DISTRIBUTION: **Neotropical**: Brazil (Goiás).

**morio** ssp. **erythrocephala**

*Anthrax erythrocephala* Fabricius, 1805: 118. TYPE LOCALITY: "America meridionali" [2S in ZMUC].

*Anthrax flaviceps* Guérin-Méneville, 1844: 539. TYPE LOCALITY: Brazil (Pará) & "Brésil" [= Brazil or Uruguay] [S in UNKN].

*Xoprosopa coeruleiventris* Macquart, 1846: 237(109). TYPE LOCALITY: "Brésil" [2S in BMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Bahia, Ceará, Maranhão, Mato Grosso, Pará, Rio de Janeiro, Rio Grande do Norte, São Paulo), French Guiana, Guyana, Suriname, Venezuela.

**morio** ssp. **morio**

*Stomoxys morio* Fabricius, 1775: 797. TYPE LOCALITY: "Brasilia" [= Brazil or Uruguay] [S (lost) in BMNH].

DISTRIBUTION: **Neotropical**: Argentina, Bolivia, Brazil (Amazonas, Ceará, Espírito Santo, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Pará, Paraná, Rio de Janeiro, Rio Grande do Sul, Rondonia, Santa Catarina, São Paulo), Chile, Paraguay, Uruguay.

**surinamensis**

*Hyperalonia surinamensis* Rondani, 1863: 58 [1864: 58]. TYPE LOCALITY: Suriname [H in MZUN].

DISTRIBUTION: **Neotropical:** Brazil (Amazonas, Bahia, Mato Grosso, Pará, São Paulo), Colombia, Ecuador, Guyana, Peru, Suriname.

Genus **KAPU** Lambkin & Yeates

*KAPUA* Lambkin & Yeates in Lambkin *et al.*, 2003: 776. Type species: *Exoprosopa adelaidica* Macquart, 1855, by original designation. [Preoccupied Marwick, 1931.]

**KAPU** Lambkin & Yeates, 2006: 161. Type species: *Exoprosopa adelaidica* Macquart, 1855, automatic.

**adelaidica**

*Exoprosopa adelaidica* Macquart, 1855: 90(70). TYPE LOCALITY: Australia (SA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, NT, Queensland, SA, WA).

**corusca**

*Kapua corusca* Lambkin & Yeates in Lambkin *et al.*, 2003: 780. TYPE LOCALITY: Australia (NSW) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, NT, Queensland, Victoria, WA).

**irwini**

*Kapua irwini* Lambkin & Yeates in Lambkin *et al.*, 2003: 783. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland, SA).

**westralica**

*Kapua westralica* Lambkin & Yeates in Lambkin *et al.*, 2003: 785. TYPE LOCALITY: Australia (WA) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

Genus **LARRPANA** Lambkin & Yeates

**LARRPANA** Lambkin & Yeates in Lambkin *et al.*, 2003: 787. Type species: *Exoprosopa dimidiatipennis* Bowden, 1971, by original designation.

**bushblitz**

*Larrpana bushblitz* Lambkin in Lambkin & Bartlett, 2011: 248. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**collessi**

*Larrpana collessi* Lambkin & Yeates in Lambkin *et al.*, 2003: 791. TYPE LOCALITY: Australia (NT) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, Queensland).

**dimidiatipennis**

*Exoprosopa dimidiata* Roberts, 1928a: 109. TYPE LOCALITY: Australia (NT) [H in SAMA\*]. [Preoccupied by Macquart, 1846.]

*Exoprosopa dimidiatipennis* Bowden, 1971b: 64 (new replacement name for *Exoprosopa dimidiata* Roberts, 1928).

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT).

**zwicki**

*Larrpana wicki* Lambkin & Yeates in Lambkin *et al.*, 2003: 793. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

Genus **LIGYRA** Newman

**LIGYRA** Newman, 1841: 220. Type species: *Anthrax bombylifformis* Macleay, 1826, by monotypy.

**VELOCIA** Coquillett, 1886c: 158. Type species: *Anthrax cerberus* Fabricius, 1794, by original designation. [Preoccupied by Robineau-Desvoidy, 1863.]

**PARANTHRAX** Paramonov, 1931b: 57(57). Type species: *Paranthrax africanus* Paramonov, 1931 [= *Hyperalonia niveifrons* Bezzi, 1914], by monotypy. [Preoccupied by *Paranthrax* Bigot, 1876.]

**PARANTHRACINA** Paramonov, 1933d: 56 [1934a: 27; 1936a: 31] (replacement name for *Paranthrax* Paramonov, 1931). Type species: *Paranthrax africanus* Paramonov, 1931 [= *Hyperalonia niveifrons* Bezzi, 1914], automatic.

**LYGIRA**, error for *Ligyra*.

**VULPIA**, error for *Velocia*.

**alacer**

*Ligyra alacer* Painter in Painter & Painter, 1969: 6. TYPE LOCALITY: Mexico (Oaxaca) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Colima, Guerrero, Jalisco, Morelos, Puebla, Tamaulipas, Veracruz-Llave). **Neotropical**: Guatemala, Mexico (Chiapas, Oaxaca).

**alea**

*Ligyra alea* Bowden, 1971d: 321. TYPE LOCALITY: PNG (Bismarck Arch) [H in ZMUC].

DISTRIBUTION: **Australasian/Oceanian**: PNG (Bismarck Arch).

**alula**

*Exoprosopa alula* Bezzi, 1906: 259. TYPE LOCALITY: Eritrea [S (lost) in MSNM; S in MZUF].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia.

**antica**

*Exoprosopa antica* Walker, 1871a: 261. TYPE LOCALITY: Sudan [1S in BMNH\*].

*Exoprosopa walkeri* Evenhuis, 1978c: 103 (new replacement name for *Exoprosopa antica* Walker, 1871; secondary homonym preoccupied at the time in *Exoprosopa* by *Anthrax antica* Walker, 1852).

DISTRIBUTION: **Afrotropical**: Sudan.

**argyura**

*Hyperalonia argyura* Brunetti, 1909b: 442. TYPE LOCALITY: Not given [= ?India] [5S in BMNH\*]. [Name proposed in synonymy with *Hyperalonia oenomaus* Rondani; validated by Meijere (1924: 209).]

*Hyperalonia argyura* Meijere, 1924: 209. TYPE LOCALITY: Indonesia (Java) [3S in ZMAN]. [Preoccupied by Brunetti, 1909.]

DISTRIBUTION: **Oriental**: ?India, Indonesia (Java).



**astarte**

*Ligyra astarte* Greathead, 1980b: 336. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].  
DISTRIBUTION: **Palaeartic**: Saudi Arabia.

**atricosta**

*Hyperalonia atricosta* Bezzi, 1924a: 366. TYPE LOCALITY: “N. Nyasa” [= Malawi] & “S. Nyasa” [= Malawi] [10S in BMNH\*; 2S in MSNM].  
DISTRIBUTION: **Afrotropical**: Malawi, Mozambique.

**audouinii**

*Exoprosopa audouinii* Macquart, 1840: 36 [1841: 314]. TYPE LOCALITY: “Indes orientales” [= Philippines (from type specimen label data)] [H in MNHN\*].  
*Exoprosopa albicincta* Macquart, 1840: 48 [1841: 326]. TYPE LOCALITY: “Patrie inconnue” [= China (from type specimen label data)] [H in MNHN\*].  
*Hyperalonia formosana* Paramonov, 1931b: 195(195). TYPE LOCALITY: Taiwan [3S in DEI\*; S (lost) in SIZK; S (destroyed) in ZMUH (see Note 6)].  
*Hyperalonia macassarensis* Paramonov, 1931b: 198(198). TYPE LOCALITY: Indonesia (Sulawesi) [2S (destroyed) in ZMUH (see Note 6); 1S in DEI\*].  
DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Irian Jaya, Maluku). **Oriental**: China (Fujian), Indonesia (Java, Nusa Tenggara, Sulawesi), Philippines, Taiwan. **Palaeartic**: China (Shanghai).

**aurantiaca**

*Anthrax aurantiaca* Guérin-Méneville, 1835: pl. 95, fig. 6 [1844: 539]. TYPE LOCALITY: Not given [“Bengale” = India (Bihar or West Bengal) (see Guérin-Méneville, 1844: 539)] [H in MNHN\*].  
*Anthrax pulchra* Walker, 1852: 169. TYPE LOCALITY: Not given [= India] [H (lost) in BMNH (J.E. Chainey, pers. comm.)].  
DISTRIBUTION: **Oriental**: India (Andhra Pradesh, Bihar, Tamil Nadu, West Bengal).

**bizona**

*Exoprosopa bizona* Walker, 1850: xcvi. TYPE LOCALITY: Brazil (Pará) [H in BMNH\*].  
DISTRIBUTION: **Neotropical**: Brazil (Pará).

**bombyliformis**

*Anthrax bombyliformis* Macleay, 1826: 468. TYPE LOCALITY: Not given [probably = Australia (NT or WA) (original type locality)]; Australia (NSW) (neotype locality) [N designated by Paramonov (1967: 129) in ANIC\*].  
*Exoprosopa albiventris* Thomson, 1869: 480. TYPE LOCALITY: Australia (NSW) [H in NHRS]. [Preoccupied by Macquart, 1840.]  
*bombyliformis*, *bombyliformis*, errors for *bombyliformis*.  
DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, NT, Queensland, WA).

**burnsi**

*Ligyra burnsi* Paramonov, 1967: 143. TYPE LOCALITY: Australia (NSW) [H in MVMA].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**calabyana**

*Ligyra calabyana* Paramonov, 1967: 136. TYPE LOCALITY: Australia (WA) [H in ANIC\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, WA).

**campbelli**

*Ligyra campbelli* Paramonov, 1967: 139. TYPE LOCALITY: Australia (NT) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT).

**celebesi**

*Hyperalonia celebesi* Paramonov, 1931b: 194(194). TYPE LOCALITY: Indonesia (Sulawesi) [H (destroyed) in ZMUH (see Note 6)].

DISTRIBUTION: **Oriental**: Indonesia (Sulawesi).

**cerberus**

*Anthrax cerberus* Fabricius, 1794: 256. TYPE LOCALITY: “Americae meridionalis insulis” [= U.S. Virgin Is] [2S in ZMUC; 4S in ZMHB\*].

*Exoprosopa servillei* Macquart, 1840: pl. 16, fig. 3 [1841: pl. 16, fig. 3]. TYPE LOCALITY: Not given [= Neotropical] [T in UNKN].

*Anthrax trifigurata* Walker, 1860b: 285. TYPE LOCALITY: “Haiti” [L designated by Painter & Painter (1974: 142) in BMNH\*].

*Hyperalonia gargantua* Knab, 1915: 48. TYPE LOCALITY: Jamaica [H in USNM\*].  
*srvillei*, incorrect original spelling of *servillei* (Macquart, 1840: 35 [1841: 313]).

DISTRIBUTION: **Neotropical**: Bahamas, Dominican Republic, Haiti, Jamaica, Puerto Rico, U.S. Virgin Is.

**chinnicki**

*Ligyra chinnicki* Paramonov, 1967: 138. TYPE LOCALITY: Australia (SA) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, SA, Victoria).

**cingulata**

*Exoprosopa cingulata* Wulp, 1885a: 62. TYPE LOCALITY: Australia (SA) [H in RMNH].

*Ligyra cingulata* var. *incompleta* Paramonov, 1967: 141. [Unavailable; varietal name provisionally proposed after 1960.]

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, NT, Queensland, SA, WA).

**coleoprata**

*Hyperalonia coleoprata* Bezzi, 1921a: 164. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**combinata**

*Anthrax combinata* Walker, 1857: 143. TYPE LOCALITY: “China” [H in BMNH\*].

DISTRIBUTION: **Oriental** or **Palaeartic**: China.

**commoni**

*Ligyra commoni* Paramonov, 1967: 134. TYPE LOCALITY: Australia (Queensland) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**cruciata**

*Ligyra cruciata* Bowden, 1971a: 11. TYPE LOCALITY: PNG (PNG) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: PNG (PNG).

**cupido**

*Hyperalonia cupido* Bezzi, 1924a: 377. TYPE LOCALITY: “Nyasaland” [= Malawi] [2S in MSNM; 11S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**curvata**

*Hyperalonia curvata* Meijere, 1911: 298. TYPE LOCALITY: Indonesia (Java) [2S in ZMAN].

DISTRIBUTION: **Oriental:** Indonesia (Java, Sulawesi).

**dammermani**

*Ligyra dammermani* Evenhuis & Yukawa, 1986: 456. TYPE LOCALITY: Indonesia (Java) [H in MBBJ\*].

DISTRIBUTION: **Oriental:** Indonesia (Java).

**demonstrans**

*Anthrax demonstrans* Walker, 1859: 112. TYPE LOCALITY: Indonesia (Sulawesi) [H in BMNH\*].

DISTRIBUTION: **Oriental:** Indonesia (Sulawesi).

**dentata**

*Hyperalonia dentata* Roberts, 1928a: 102. TYPE LOCALITY: Australia (Victoria) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (Victoria).

**devecta**

*Anthrax devecta* Walker, 1860a: 148. TYPE LOCALITY: Indonesia (Maluku) [H in BMNH\*].

*delecta*, error for *devecta*.

DISTRIBUTION: **Australasian/Oceanian:** Indonesia (Maluku).

**dido**

*Hyperalonia dido* Osten Sacken, 1886a: 91. TYPE LOCALITY: Mexico (Tres Marias Is) [1S in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Tres Marias Is).

**dives**

*Anthrax dives* Walker, 1849: 240. TYPE LOCALITY: Bangladesh [2S in BMNH\*].

DISTRIBUTION: **Oriental:** Bangladesh.

**doryca**

*Anthrax doryca* Boisduval, 1835: 665. TYPE LOCALITY: Indonesia (Maluku) [T (lost) in MNHN].

*Anthrax pelops* Walker, 1858: 90. TYPE LOCALITY: Indonesia (Maluku) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland), Indonesia (Irian Jaya, Maluku), PNG (Bismarck Arch, Bougainville I, PNG), Solomon Is. **Oriental:** Indonesia (Java, Timor).

**erato**

*Ligyra erato* Bowden, 1971d: 318. TYPE LOCALITY: Philippines [H in ZMUC].

DISTRIBUTION: **Oriental:** Philippines.

**erebus**

*Anthrax erebus* Walker, 1849: 238. TYPE LOCALITY: Sierra Leone [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Ivory Coast, Sierra Leone.

**evansi**

*Ligyra evansi* Painter in Painter & Painter, 1969: 9. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Morelos, Puebla). **Neotropical:** Brazil (Amapá), Costa Rica, Mexico (Oaxaca).

**eyreana**

*Ligyra eyreana* Paramonov, 1967: 136. TYPE LOCALITY: Australia (SA) [H in MVMA].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (SA).

**fasciata**

*Ligyra fasciata* Paramonov, 1967: 135. TYPE LOCALITY: Australia (Queensland) [H in ANIC\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**fenestella**

*Anthrax fenestella* Wiedemann, 1828: 562. TYPE LOCALITY: Suriname [1S in SMFD; 1S in ZMHB\*].  
*Hyperalonia fenestrella* Paramonov, 1931b: 60(60) (unjustified emendation of *Anthrax fenestella* Wiedemann, 1828).  
DISTRIBUTION: **Neotropical**: Suriname.

**fenestralis**

*Anthrax fenestralis* Wiedemann, 1830: 633. TYPE LOCALITY: “Brasilien” [= Brazil (Pará) (from type specimen label data)] [L designated by Painter & Painter (1974: 144) in ZMHB\*].  
DISTRIBUTION: **Neotropical**: Brazil (Amazonas, Mato Grosso, Pará, São Paulo).

**ferrea**

*Anthrax ferrea* Walker, 1849: 240. TYPE LOCALITY: Albania [2S in BMNH\*].  
*Exoprosopa versicolor* Loew, 1869b: 202. [Unavailable; name proposed in synonymy with *Exoprosopa ferrea* Walker and not made available before 1961.]  
DISTRIBUTION: **Palaeartic**: Albania, Armenia, Azerbaijan, Bulgaria, Cyprus, France, Greece (incl. Corfu, Rhodes), Gruzia, Italy (Sicily), Moldova, Romania, Russia (SET), Turkey, Ukraine.

**flaviventris**

*Anthrax flaviventris* Doleschall, 1857: 400. TYPE LOCALITY: Indonesia (Maluku) [1S in NMW\*].  
DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku). **Oriental**: India (Andaman Is, Assam, Karnataka, Kerala, Sikkim), Myanmar.

**flavofasciata**

*Exoprosopa flavofasciata* Macquart, 1855: 90(70) [as “flavo-fasciata” on p. 149 (129)]. TYPE LOCALITY: “Chine boréale” [H in UMO\*].  
DISTRIBUTION: **Palaeartic**: China (Beijing, Jiangxi), Japan, Korea.

**flavosparsa**

*Hyperalonia flavosparsa* Bigot, 1892: 343. TYPE LOCALITY: “Brésil” [= Brazil or Uruguay] [L designated by Painter & Painter (1974: 146) in BMNH\*].  
DISTRIBUTION: **Neotropical**: “Brésil”.

**flavotomentosa**

*Hyperalonia flavotomentosa* Meijere, 1929: 386(416). TYPE LOCALITY: Indonesia (Maluku) [2S in ZMAN].  
DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku).

**flora**

*Hyperalonia oenomaus* var. *flora* Frey, 1934: 318. TYPE LOCALITY: Indonesia (Nusa Tenggara) [11S in MZHF].  
DISTRIBUTION: **Oriental**: Indonesia (Nusa Tenggara).

**fuscipennis**

*Exoprosopa fuscipennis* Macquart, 1848: 193(33). TYPE LOCALITY: Indonesia (Java) [H in MNHN\*].

*Anthrax confirmata* Walker, 1860b: 283. TYPE LOCALITY: Indonesia (Maluku) [L designated by Evenhuis & Greathead (1999: 646) in BMNH\*].

*Anthrax coeruleopennis* Doleschall, 1857: 400. TYPE LOCALITY: Indonesia (Maluku) [1S in NMW\*; 1S in ZMHB\*].

*Exoprosopa chrysolampis* Jaenicke, 1867b: 344 [1868: 36]. TYPE LOCALITY: Indonesia (Java & Maluku) [S in SMFD; S (lost) in HLMD].

*caeruleopennis*, error for *coeruleopennis*.

DISTRIBUTION: **Australasian/Oceanian**: “Australia”, Indonesia (Maluku), PNG (PNG). **Oriental**: ?Bhutan, “Borneo”, Cambodia, China (Hainan), India (Sikkim, Tamil Nadu), Indonesia (Java, Sulawesi, Sumatra), Malaysia (Peninsular, Sarawak), ?Nepal.

**galbina**

*Ligyra galbinus* Yang, Yao & Cui, 2012: 160. TYPE LOCALITY: China (Hainan) [H in CAU].

DISTRIBUTION: **Oriental**: China (Hainan).

**gazophylax**

*Exoprosopa gazophylax* Loew, 1869c: 12 [1872c: 126]. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Nayarit, Sinaloa, Sonora, Veracruz-Llave), USA (Arizona, California). **Neotropical**: Costa Rica, Guatemala, Honduras, Mexico (Oaxaca), Panama.

**gebleri**

*Exoprosopa gebleri* Loew, 1854: 3. TYPE LOCALITY: Russia (FE) [4S in ZMHB\*].

DISTRIBUTION: **Palearctic**: Russia (FE).

**guangdongana**

*Ligyra guangdonganus* Yang, Yao & Cui, 2012: 162. TYPE LOCALITY: China (Guangdon) [H in SYSU].

DISTRIBUTION: **Oriental**: China (Guangdong).

**guerinii**

*Exoprosopa guerinii* Macquart, 1846: 236(108). TYPE LOCALITY: “Brésil” [= Brazil or Uruguay] [H in MNHN\*].

DISTRIBUTION: **Neotropical**: Brazil, Costa Rica, Ecuador, Panama, Venezuela.

**harpyia**

*Anthrax harpyia* Wiedemann, 1828: 254. TYPE LOCALITY: “Aus Brasilien” [= Brazil or Uruguay] [2S in NMW; 2S in ZMHB\*].

*Anthrax phlegeton* Walker, 1849: 236. TYPE LOCALITY: “Brazil” [= Brazil or Uruguay] [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Brazil (Pará), Haiti, Venezuela.

**hela**

*Exoprosopa albiventris* Macquart, 1848: 193(33). TYPE LOCALITY: Brazil (Paraná) [H in BMNH\*]. [Preoccupied by Macquart, 1840.]

*Anthrax hela* Erichson in Schomburgk, 1849: 608. TYPE LOCALITY: Guyana [2S in ZMHB\*].

DISTRIBUTION: **Nearctic:** Mexico (Sinaloa, Sonora, Veracruz-Llave). **Neotropical:** Brazil (Paraná), Costa Rica, Guatemala, Guyana, Honduras, Jamaica, Panama, Venezuela.

### helena

*Exoprosopa helena* Loew, 1854: 3. TYPE LOCALITY: “Nubien” [= Eritrea (from type specimen label data)] [1S in ZMHB\*].

*Exoprosopa gloriosa* Walker, 1871a: 260. TYPE LOCALITY: Ethiopia [H in BMNH\*].  
DISTRIBUTION: **Afrotropical:** Chad, Eritrea, Kenya, Sudan. **Palearctic:** Egypt.

### hemifusca

*Hyperalonia hemifusca* Roberts, 1928a: 97. TYPE LOCALITY: Australia (Queensland) [H in SAMA\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, Queensland, WA).

### herzi

*Exoprosopa herzi* Portschinsky, 1892: 207. TYPE LOCALITY: “Korea” [H in ZIS].

DISTRIBUTION: **Palearctic:** Korea, Russia (FE).

### hymalajensis

*Hyperalonia hymalajensis* Macquart in Costa, 1866: 37. *Nomen nudum*.

### incondita

*Ligyra incondita* Yang, Yao & Cui, 2012: 163. TYPE LOCALITY: China (Guangdong) [H in SYSU].

DISTRIBUTION: **Oriental:** China (Guangdong).

### inquinata

*Hyperalonia inquinata* Roberts, 1928a: 103. TYPE LOCALITY: Australia (Queensland) [T in UNKN].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland).

### klugii

*Anthrax klugii* Wiedemann, 1830: 632. TYPE LOCALITY: “Cassapawa im innern Brasilien” [= Brazil (Rio Grande do Sul)] [L designated by Painter & Painter (1974: 154) in ZMHB\*].

DISTRIBUTION: **Nearctic:** ?Mexico (Tamaulipas). **Neotropical:** Argentina, Brazil (Pará, Rio Grande do Sul, Roraima), Paraguay, Uruguay.

### latipennis

*Hyperalonia orientalis* var. *latipennis* Paramonov, 1931b: 199(199). TYPE LOCALITY: “Formosa” [= Taiwan] & Japan [1S in DEI\*; 1S in TARI].

*lutipennis*, error for *latipennis*.

DISTRIBUTION: **Oriental:** Taiwan. **Palearctic:** China (Jiangxi), Japan.

### latreillii

*Anthrax latreillii* Wiedemann, 1830: 633. TYPE LOCALITY: “Oaxara im Mexikanischen” [= Mexico (Oaxaca)] [H in ZMHB\*].

DISTRIBUTION: **Nearctic:** Mexico (México). **Neotropical:** Argentina, Bolivia, Brazil, Colombia, Costa Rica, Guatemala, Honduras, Jamaica, Mexico (Chiapas, Oaxaca, Tabasco, Yucatán), Panama, Paraguay, Peru.

### leptyna

*Ligyra leptyna* Bowden, 1971a: 12. TYPE LOCALITY: PNG (Bougainville I) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian:** PNG (Bougainville I), Solomon Is.

**leuconoe**

*Exoprosopa leuconoe* Jaenicke, 1867b: 345 [1868: 37]. TYPE LOCALITY: Indonesia (Maluku) [S (lost) in HLMD].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku).

**leukon**

*Ligyra leukon* Yang, Yao & Cui, 2012: 165. TYPE LOCALITY: China (Zhejiang) [H in CAU].

DISTRIBUTION: **Oriental**: China (Zhejiang).

**maracaensis**

*Ligyra maracaensis* Lamas & Couri, 1995: 123. TYPE LOCALITY: Brazil (Roraima) [H in MNRJ].

DISTRIBUTION: **Neotropical**: Brazil (Roraima).

**melanoptera**

*Ligyra melanoptera* Bowden, 1964a: 153. TYPE LOCALITY: “Togoland” [= Ghana] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ghana, Ivory Coast.

**merope**

*Anthrax merope* Wiedemann, 1824: 22. TYPE LOCALITY: “Guinea” [probably = Ghana (see Pont, 1995: 151)] [H in ZMUC].

*Hyperalonia evanida* Bezzi, 1920: 112. TYPE LOCALITY: “Guinea Portugese” [= Guinea-Bissau] [2S in MCSN].

DISTRIBUTION: **Afrotropical**: Benin, Ghana, Guinea-Bissau, Ivory Coast, Niger, Nigeria, Senegal.

**minerva**

*Ligyra minerva* Paramonov, 1953c: 221. TYPE LOCALITY: Kenya [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**nigripennis**

*Exoprosopa nigripennis* Loew, 1852: 659 [in Peters, 1862: 10]. TYPE LOCALITY: Mozambique [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Kenya, Mozambique, South Africa (KwaZulu-Natal), Tanzania, Zambia.

**nigrocostalis**

*Anthrax nigrocostalis* Guérin-Méneville, 1838: 295. TYPE LOCALITY: Indonesia (Maluku) [T in UNKN].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku).

**niveifrons**

*Hyperalonia niveifrons* Bezzi, 1914: 283. TYPE LOCALITY: “Guinea francese” [= Guinea] [H in MSNM].

*Paranthrax africanus* Paramonov, 1931b: 57(57). TYPE LOCALITY: Nigeria [H (destroyed) in ZMUH (see Note 6)].

DISTRIBUTION: **Afrotropical**: Ghana, Guinea, Ivory Coast, Nigeria.

**obliqua**

*Exoprosopa obliqua* Macquart, 1840: 37 [1841: 315]. TYPE LOCALITY: Indonesia (Timor) [H in MNHN\*].

DISTRIBUTION: **Oriental**: Indonesia (Timor).

**ochracea**

*Ligyra ochracea* Bowden, 1971a: 10. TYPE LOCALITY: PNG (PNG) [H in BMNH\*].  
DISTRIBUTION: **Australasian/Oceanian:** PNG (PNG). **Oriental:** Philippines.

**oenomaus**

*Hyperalonia oenomaus* Rondani, 1875: 453. TYPE LOCALITY: Malaysia (Sarawak) [H in MCSN].  
DISTRIBUTION: **Oriental:** India (Arunchal Pradesh, Assam, Meghalaya, Sikkim, Tamil Nadu, West Bengal), Malaysia (Peninsular, Sarawak), Philippines, Singapore.

**orcus**

*Anthrax orcus* Walker, 1849: 237. TYPE LOCALITY: "Mexico" [H in BMNH\*].  
*Exoprosopa kaupii* Jaenicke, 1867b: 340 [1868: 32]. TYPE LOCALITY: "Mejico" [T (lost) in HLMD].  
DISTRIBUTION: **Nearctic:** Mexico (Distrito Federal, Guerrero, Jalisco, Michoacán de Ocampo, Morelos, Puebla, Sonora, Zacatecas). **Neotropical:** Mexico (Oaxaca).

**orest**

*Ligyra orest* Paramonov, 1967: 134. TYPE LOCALITY: Australia (Queensland) [H in ANIC\*].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (Queensland, NT).

**orientalis**

*Hyperalonia orientalis* Paramonov, 1931b: 198(198). TYPE LOCALITY: Taiwan [H (destroyed) in ZMUH (see Note 6)].  
DISTRIBUTION: **Oriental:** India (Karnataka), Philippines, Taiwan.

**orphanus**

*Ligyra orphanus* Yang, Yao & Cui, 2012: 167. TYPE LOCALITY: China (Guangdong) [H in SYSU].  
DISTRIBUTION: **Oriental:** China (Guangdong).

**paludosa**

*Hyperalonia paludosa* Meijere, 1911: 297. TYPE LOCALITY: Indonesia (Java) [2S in ZMAN].  
DISTRIBUTION: **Oriental:** Indonesia (Java).

**peninsularis**

*Ligyra peninsularis* Pal, 1991: 289. TYPE LOCALITY: India (Tamil Nadu) [H in NZSI].  
DISTRIBUTION: **Oriental:** India (Tamil Nadu).

**pilad**

*Ligyra pilad* Paramonov, 1967: 143. TYPE LOCALITY: Australia (WA) [H in ANIC\*].  
DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**pilatei**

*Exoprosopa pilatei* Macquart, 1846: 238(110). TYPE LOCALITY: Mexico (Yucatán) [T in UNKN (originally in Pilate Collection)].  
DISTRIBUTION: **Nearctic:** Mexico (Morelos, Sinaloa), USA (Arizona). **Neotropical:** Mexico (Chiapas, Oaxaca, Yucatán).

**prometheus**

*Exoprosopa prometheus* Macquart, 1855: 93(73). TYPE LOCALITY: "Amérique méridionale" [H in BMNH\*].  
DISTRIBUTION: **Neotropical:** "Amérique méridionale".



**proserpina**

*Anthrax proserpina* Wiedemann, 1828: 257. TYPE LOCALITY: “Brasilien” [= Brazil or Uruguay (see Wiedemann, 1828: 606)] [2S in NMW; 1S in RMNH].

*Anthrax rufescens* Walker, 1849: 238. TYPE LOCALITY: Not given [= Neotropical] [H in BMNH\*].

DISTRIBUTION: **Neotropical:** Brazil (Goiás, Pará, Roraima, Costa Rica, Cuba, Guatemala, Jamaica, Mexico (Tabasco, Yucatán), Paraguay, Peru.

**punctipennis**

*Exoprosopa punctipennis* Macquart, 1850: 410(106). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [= eastern Australia] [H in MNHN\*].

*Ligyra contrasta* Paramonov, 1967: 133. TYPE LOCALITY: Australia (NSW) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (ACT, NSW, NT, Queensland, SA, Tasmania, Victoria, WA).

**purpuraria**

*Anthrax purpuraria* Walker, 1852: 169. TYPE LOCALITY: Indonesia (Java) [H in UNKN].

DISTRIBUTION: **Oriental:** Indonesia (Java).

**robertsi**

*Ligyra robertsi* Paramonov, 1967: 132. TYPE LOCALITY: Australia (WA) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, NT, Queensland, WA).

**satyrus**

*Biblio satyrus* Fabricius, 1775: 758. TYPE LOCALITY: “nova Hollandia” [= Australia (Queensland) (see Musgrave, 1932: 54)] [1S in BMNH\*; 5S in UMO\*].

*Anthrax funesta* Walker, 1849: 242. TYPE LOCALITY: “New Holland” & Australia (NT) [4S in BMNH\*].

*Exoprosopa insignis* Macquart, 1855: 93(73). TYPE LOCALITY: Australia (Queensland) [8S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, Queensland), Indonesia (Irian Jaya, Maluku), PNG (Bismarck Arch, Bougainville I, PNG). **Oriental:** ?China, Indonesia (Timor).

**semialata**

*Ligyra semialata* Yang, Yao & Cui, 2012: 169. TYPE LOCALITY: China (Guangdong) [H in SYSU].

DISTRIBUTION: **Oriental:** China (Guangdong).

**semifuscata**

*Hyperalonia semifuscata* Brunetti, 1912: 466. TYPE LOCALITY: “Bombay Presidency” [= India (Maharashtra)] [2S in NZSI].

DISTRIBUTION: **Oriental:** India (Karnataka, Maharashtra).

**septentrionis**

*Hyperalonia septentrionis* Roberts, 1928a: 103. TYPE LOCALITY: Australia (Queensland) [H in SAMA\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, Queensland, WA).

**shirakii**

*Hyperalonia shirakii* Paramonov, 1931b: 199(199). TYPE LOCALITY: Taiwan [H in TARI].

DISTRIBUTION: **Oriental:** Taiwan.

**similis**

*Hyperalonia similis* Coquillett, 1898: 318. TYPE LOCALITY: Japan [2S in USNM\*].  
DISTRIBUTION: **Palaeartic**: Japan, Korea.

**sinuatifascia**

*Exoprosopa sinuatifascia* Macquart, 1855: 92(72) [as “*sinuati-fasciata*” on p. 149 (129)]. TYPE LOCALITY: Australia (Queensland) [3S in BMNH\*].

*Exoprosopa macraspis* Thomson, 1869: 479. TYPE LOCALITY: Australia (NSW) [H in NHRS].

*Hyperalonia argenticincta* Bigot, 1892: 343. TYPE LOCALITY: Australia (NSW) [2S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, NSW, Queensland, SA, Victoria, WA).

**sphinx**

*Biblio sphinx* Fabricius, 1787: 329. TYPE LOCALITY: “India orientali” [= India] [2S in ZMUC].

*Anthrax imbuta* Walker, 1849: 242. TYPE LOCALITY: Not given [= Oriental] [H (lost) in BMNH].

DISTRIBUTION: **Oriental**: China (Hainan), India (Bihar, Kerala, Maharashtra, Orissa, Tamil Nadu, West Bengal), Malaysia (Peninsular, Pulau Tioman), Myanmar, Sri Lanka, Thailand.

**stymphalis**

*Anthrax stymphalis* Wiedemann, 1828: 252. TYPE LOCALITY: “Montivideo in Brasilien” [= Brazil (from type specimen label data)] [2S in NMW; 1S in SMFD; 3S in ZMHB\*].

DISTRIBUTION: **Neotropical**: Brazil, Uruguay, Venezuela.

**suffusipennis**

*Hyperalonia suffusipennis* Brunetti, 1909a: 462. TYPE LOCALITY: “Purneah District” [= India (Bihar)] [2S in NZSI].

DISTRIBUTION: **Oriental**: India (Bihar, Kerala, Karnataka, Uttar Pradesh), Sri Lanka.

**sumatrensis**

*Hyperalonia sumatrensis* Meijere, 1911: 296. TYPE LOCALITY: Indonesia (Sumatra) [1S in ZMAN].

DISTRIBUTION: **Oriental**: Indonesia (Sumatra).

**tantalus**

*Anthrax tantalus* Fabricius, 1794: 260). TYPE LOCALITY: “Tranquebariae” [= India (Tamil Nadu)] [1S in ZMUC; 1S in MNHN\*].

*Hyperalonia hyx* Brunetti, 1909b: 439. *Nomen nudum*.

DISTRIBUTION: **Oriental**: China (Guangdong), India (Arunchal Pradesh, Assam, Sikkim, Tamil Nadu, Uttar Pradesh, West Bengal), Malaysia (Peninsular), Nepal, Philippines, Singapore, Taiwan, Thailand. **Palaeartic**: China, Japan, Korea.

**tenebrosa**

*Ligyra tenebrosa* Paramonov, 1967: 132. TYPE LOCALITY: Australia (Queensland) [H in ANIC\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**thyridophora**

*Hyperalonia thyridophora* Bezzi, 1912: 653. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Mozambique, ?Uganda, Zimbabwe.

**transiens**

*Hyperalonia transiens* Bezzi, 1924a: 370. TYPE LOCALITY: “N.-W. Rhodesia” [= Zambia] [4S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zambia.

**tristis**

*Exoprosopa tristis* Wulp, 1869: 107. TYPE LOCALITY: Indonesia (Timor) [H in RMNH].

DISTRIBUTION: **Oriental**: India (Andaman Is, Tamil Nadu), Indonesia (Timor).

**umbrifer**

*Anthrax umbrifer* Walker, 1849: 237. TYPE LOCALITY: Philippines [H in BMNH\*].

DISTRIBUTION: **Oriental**: Philippines.

**unicincta**

*Anthrax unicincta* Guérin-Méneville, 1831: pl. 20, fig. 9 [1838: 294]. TYPE LOCALITY: Indonesia (Maluku) [T (lost) in MNHN].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku).

**ussuriensis**

*Hyperalonia ussuriensis* Paramonov, 1934c: 2. TYPE LOCALITY: Russia (FE) [L designated by Zaitzev & Kandybina (1983: 40) in ZIS].

DISTRIBUTION: **Palaeartic**: Russia (FE).

**ventrimacula**

*Anthrax ventrimacula* Doleschall, 1857: 399. TYPE LOCALITY: Indonesia (Maluku) [3S in ZMHB\*].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku).

**virgo**

*Hyperalonia virgo* Bezzi, 1924a: 369. TYPE LOCALITY: “Kenya Colony” [= Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Somalia. **Palaeartic**: Saudi Arabia.

**vittata**

*Hyperalonia vittata* Ricardo, 1901: 104. TYPE LOCALITY: “Nyasaland” [= Malawi] [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, Malawi, Namibia, South Africa (KwaZulu-Natal, Northern Province).

**vulcanus**

*Hyperalonia mars* ssp. *vulcanus* Bezzi, 1924a: 375. TYPE LOCALITY: “Portuguese East Africa” [= Mozambique] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Mozambique.

**zibrina**

*Ligyra zibrina* Yang, Yao & Cui, 2012: 174. TYPE LOCALITY: China (Beijing) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Beijing).

**zonata**

*Ligyra zonata* Yang, Yao & Cui, 2012: 175. TYPE LOCALITY: China (Guangdong) [H in CAU].

DISTRIBUTION: **Oriental:** China (Guangdong).

Genus **LITORHINA** Bowden

**LITORHINA** Bowden, 1975c: 314. Type species: *Litorhynchus corticeus* Bezzi, 1924, by original designation.

*EXOSOMA* Séguy, 1938a: 333. Type species: *Litorrhynchus erythraeus* Bezzi, 1906 (as “*Exosoma erythraea* Séguy”), by monotypy. [Unavailable; name proposed in synonymy with *Tanyglossa maura* Thunberg and not made available before 1961.] [Preoccupied by Jacoby, 1903.]

**allothyris**

*Litorrhynchus erythraeus* ssp. *allothyris* Bezzi, 1920: 110. TYPE LOCALITY: Ethiopia [H in MCSN].

*Litorrhynchus erythraeus* ssp. *allothyris* Bezzi, 1923b: 329. TYPE LOCALITY: “Kenya Protectorate” [= Kenya] [2S in MNHN]. [Preoccupied by Bezzi, 1920.]

DISTRIBUTION: **Afrotropical:** Ethiopia, Kenya, Malawi, Tanzania, Zimbabwe.

**argyrolepis**

*Litorrhynchus argyrolepis* Bezzi, 1912: 631. TYPE LOCALITY: “West Nyasa” [= Malawi] [3S in BMNH\*].

DISTRIBUTION: **Afrotropical:** Malawi, Tanzania, Zimbabwe.

**atricapilla**

*Litorrhynchus atricapillus* Hesse, 1956b: 650. TYPE LOCALITY: South Africa (Gauteng) [H in NMSA\*].

DISTRIBUTION: **Afrotropical:** South Africa (Free State, Gauteng, KwaZulu-Natal, “Transvaal”), Zimbabwe.

**basalis**

*Exoprosopa basalis* Ricardo, 1901: 97. TYPE LOCALITY: South Africa (Mpumalanga) [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Botswana, Congo, Kenya, Malawi, South Africa (Mpumalanga), Zimbabwe.

**bechuana**

*Exoprosopa bechuana* Hesse, 1936: 175. TYPE LOCALITY: Botswana [H in NMSA\*].

DISTRIBUTION: **Afrotropical:** Botswana, Zimbabwe.

**collaris**

*Anthrax collaris* Wiedemann, 1828: 271. TYPE LOCALITY: “Höchstwahrscheinlich Vom Kap” [error, = India] [T in UNKN (not in NMW or ZMHB)].

*Anthrax ruficollis* Saunders, 1842: 59. TYPE LOCALITY: “central India” [2S in UMO\*].

*Exoprosopa binotata* Macquart, 1855: 89(69). TYPE LOCALITY: “De l’Inde” [probably = India] [3S in BMNH\*].

*bimaculata*, *bipunctata*, errors for *binotata*.

*ruficollis*, error for *ruficollis*.

DISTRIBUTION: **Oriental:** India (Karnataka, Rajasthan, Sikkim), Pakistan.

**corticea**

*Litorhynchus corticeus* Bezzi, 1924a: 212, 214. TYPE LOCALITY: Eritrea (original type locality); Chad (neotype locality) [N designated by Greathead (1967: 264) in BMNH\*].

*Litorhynchus corticea* var. *corticalis* Bezzi, 1924a: 214. TYPE LOCALITY: “Abyssinia” [= Ethiopia] & Uganda [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Chad, Eritrea, Ethiopia, Gambia, Ghana, Nigeria, Senegal, Uganda.

**damarensis**

*Litorhynchus damarensis* Hesse, 1956b: 647. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape).

**dentifera**

*Litorhynchus dentiferus* Bezzi, 1912: 632. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, Malawi, Mozambique, South Africa (Northern Province), Zimbabwe.

**dilatata**

*Litorhynchus dilatatus* Bezzi, 1912: 634. TYPE LOCALITY: “North Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Namibia, South Africa (Free State, Western Cape), Zimbabwe.

**ectophaea**

*Litorhynchus ectophaeus* Hesse, 1956b: 639. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, Zimbabwe.

**erythraea**

*Litorhynchus erythraeus* Bezzi, 1906: 261. TYPE LOCALITY: Eritrea [2S in MSNM; S in MZUF].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia.

**evanescens**

*Litorhynchus evanescens* Bezzi, 1924a: 213 (key only). TYPE LOCALITY: Not given [= Afrotropical] [2S in MSNM].

DISTRIBUTION: **Afrotropical**: Unknown.

**flammea**

*Litorhina flammea* Greathead & Evenhuis, 2001b: 205. TYPE LOCALITY: Sierra Leone [H in MZLU\*].

DISTRIBUTION: **Afrotropical**: Sierra Leone.

**infusata**

*Litorhynchus infuscatus* Bezzi, 1924a: 221. TYPE LOCALITY: Uganda [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Uganda.

**kaokoensis**

*Litorhynchus kaokoensis* Hesse, 1956b: 640. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**lar**

*Biblio lar* Fabricius, 1781: 414. TYPE LOCALITY: “Bengal” [= India (Bihar or West Bengal)] [2S in BMNH\*; 4S in ZMUC; 2S in ZMHB\*].

DISTRIBUTION: **Oriental:** India (Andhra Pradesh, Assam, Bihar, Gujarat, Himachal Pradesh, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Sikkim, Tamil Nadu, Uttar Pradesh, West Bengal), Sri Lanka.

**macroptera**

*Exoprosopa macroptera* Loew, 1860a: 92 [1860b: 302; 1860c: 230]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [2S in ZMHB\*].

*Exoprosopa longipennis* Loew, 1863a: 14. TYPE LOCALITY: South Africa (Free State) [T in UNKN (sold at auction)].

DISTRIBUTION: **Afrotropical:** Namibia, South Africa (Eastern Cape, Free State, Northern Cape, Western Cape).

**maura**

*Tanyglossa maura* Thunberg, 1827: 73. TYPE LOCALITY: Not given [= South Africa (Western Cape)] [S in UZIU].

DISTRIBUTION: **Afrotropical:** Botswana, Lesotho, South Africa (Eastern Cape, Western Cape), Zimbabwe.

**mesopleuralis**

*Exoprosopa mesopleuralis* Bezzi, 1924a: 348. TYPE LOCALITY: “Nyasaland” [= Malawi] [9S in BMNH\*; 1S in MSNM].

DISTRIBUTION: **Afrotropical:** Malawi.

**metapleuralis**

*Litorrhynchus metapleuralis* Bezzi, 1924a: 224. TYPE LOCALITY: “Nyasaland” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya, Malawi, Tanzania. **Palaeartic:** Oman, ?Saudi Arabia.

**nyasae**

*Exoprosopa nyasae* Ricardo, 1901: 96. TYPE LOCALITY: “Nyasaland” [= Malawi] [6S in BMNH\*].

DISTRIBUTION: **Afrotropical:** Botswana, Malawi, Mozambique, Namibia, South Africa (“Transvaal”), Tanzania, Zimbabwe.

**obumbrata**

*Litorrhynchus obumbratus* Bezzi, 1924a: 226. TYPE LOCALITY: “Belgian Congo” [= Congo] [9S in BMNH\*; 1S in MSNM].

DISTRIBUTION: **Afrotropical:** Congo, Namibia, South Africa (KwaZulu-Natal), Tanzania, Zimbabwe.

**perplexa**

*Litorrhynchus perplexus* Bezzi, 1912: 634. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Malawi, Tanzania.

**phloeochroma**

*Litorrhynchus phloeochromus* Bezzi, 1920: 108. TYPE LOCALITY: “Guinea Portuguese” [= Guinea-Bissau] [H in MCSN].

DISTRIBUTION: **Afrotropical:** Guinea-Bissau.

**producta**

*Litorrhynchus productus* Bezzi, 1924a: 227. TYPE LOCALITY: “South Abyssinia” [= Ethiopia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ethiopia.

**pseudocollaris**

*Litorrhynchus pseudocollaris* Bezzi, 1924a: 219. TYPE LOCALITY: Angola (Cabinda) & “Belgian Congo” [= Congo] [5S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Angola (incl. Cabinda), Congo, Kenya, Malawi, Mozambique, South Africa (KwaZulu-Natal, Mpumalanga, Northern Province), Tanzania, Zimbabwe.

**pseudomaura**

*Litorrhynchus pseudomaurus* François, 1966b: 14. TYPE LOCALITY: Eritrea [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Eritrea.

**repleta**

*Litorrhynchus repletus* Bezzi, 1912: 633. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**ricardoae**

*Litorrhynchus ricardoae* Bezzi, 1912: 631. TYPE LOCALITY: “West Nyasa” [= Malawi] [H in BMNH\*].

*ricardoi*, incorrect original spelling of *ricardoae* (Bezzi, 1912: 631; emended here).

DISTRIBUTION: **Afrotropical**: Malawi, Tanzania.

**rostrata**

*Exoprosopa rostrata* Loew, 1860a: 92 [1860b: 302; 1860c: 230]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**salamonae**

*Litorrhynchus salamonae* Greathead, 1967: 265. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Somalia, Sudan, Yemen. **Palearctic**: Egypt, Saudi Arabia.

**siccifolia**

*Litorrhynchus siccifolius* Bezzi, 1924a: 216. TYPE LOCALITY: Gambia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Gambia.

**suberosa**

*Litorrhynchus suberosus* Bezzi, 1924a: 215. TYPE LOCALITY: Gambia [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Gambia, Senegal.

**suspensa**

*Litorrhynchus suspensus* Bezzi, 1924a: 226. TYPE LOCALITY: “Abyssinia” [= Ethiopia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ethiopia.

**tollini**

*Exoprosopa tollini* Loew, 1863a: 15. TYPE LOCALITY: South Africa (Free State) [H in UNKN (sold at auction)].

DISTRIBUTION: **Afrotropical**: South Africa (Free State).

**vernayi**

*Litorrhynchus vernayi* Hesse, 1956b: 641. TYPE LOCALITY: “Bechuanaland” [= Botswana] [9S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia.

Genus **MESOCLIS** Bezzi

**MESOCLIS** Bezzi, 1921a: 139 [1922b: 105; 1922c: 143; 1924a: 228, 229] (as subgenus of *Exoprosopa* Macquart). Type species: *Anthrax pygmalion* Fabricius, 1805, by monotypy (as “*varinerius-pygmalian*, Fabr.”).

**pygmalion**

*Anthrax pygmalion* Fabricius, 1805: 124. TYPE LOCALITY: “Algeriae” [= Algeria or Morocco] [2S in ZMUC].

*Exoprosopa varinevris* Macquart, 1840: 41 [1841: 319]. TYPE LOCALITY: “D’Alger” [= Algeria or Morocco] [4S in MNHN\*].

*Exoprosopa zona* Bigot, 1860: viii. *Nomen nudum*.

*Exoprosopa zona* Bigot, 1861: 773. TYPE LOCALITY: Italy (Sicily) [4S in UMO\*].

*Exoprosopa delineata* Becker, 1906c: 150. TYPE LOCALITY: Tunisia [H in ZMHB\*]. *varinerius*, *varinervis*, *varineurus*, errors for *varinevris*.

DISTRIBUTION: **Palearctic**: Algeria, Egypt, France (Corsica), Italy (incl. Sicily), Libya, Morocco, Tunisia.

Genus **MICOMITRA** Bowden

**MICOMITRA** Bowden, 1964a: 147. Type species: *Exoprosopa parvicellula* Bezzi, 1921, by original designation.

**aerata**

*Exoprosopa aerata* Hesse, 1956b: 897. TYPE LOCALITY: South Africa (Eastern Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**anthracina**

*Micomitra anthracina* Bowden, 1964a: 148. TYPE LOCALITY: “Ashanti” [= Ghana] [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**bella**

*Exoprosopa bella* Austen, 1937: 173. TYPE LOCALITY: Israel (West Bank) [2S in BMNH\*].

DISTRIBUTION: **Palearctic**: Israel (incl. West Bank), Syria, Turkey.

**chrySTALLINA**

*Exoprosopa chrySTALLINA* Bezzi, 1924a: 359. TYPE LOCALITY: “Somaliland” [= Somalia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Somalia, Yemen. **Palearctic**: Saudi Arabia.

**famula**

*Exoprosopa famula* Bezzi, 1923a: 78. TYPE LOCALITY: Aldabra [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Aldabra.



**iridipennis**

*Exoprosopa iridipennis* Nurse, 1922a: 639. TYPE LOCALITY: India (Maharashtra) [2S in BMNH\*].

DISTRIBUTION: **Oriental:** India (Maharashtra).

**iris**

*Exoprosopa iris* Loew, 1869b: 220. TYPE LOCALITY: Greece [2S in NMW\*; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Armenia, Austria, Azerbaijan, Bulgaria, Croatia, France, Greece (incl. Corfu), Gruzia, Iran, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Moldova, Romania, Russia (SET), Spain, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan.

**lapidoti**

*Micomitra lapidoti* Zaitzev, 1999c: 717 [2000a: 651] TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic:** Israel.

**lucidipennis**

*Exoprosopa iridipennis* Hesse, 1956b: 891. TYPE LOCALITY: South Africa (Western Cape) [10S in SAMC\*; 1S in BPBM\*]. [Preoccupied by Nurse, 1922.]

*Micomitra lucidipennis* Evenhuis & Greathead, 1999: 417 (new replacement name for *Exoprosopa iridipennis* Hesse, 1956).

DISTRIBUTION: **Afrotropical:** South Africa (Northern Cape, Western Cape).

**opalina**

*Exoprosopa opalina* Hesse, 1956b: 894. TYPE LOCALITY: South Africa (Western Cape) [19S in SAMC; 2S in BPBM\*].

DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

**parvicellula**

*Exoprosopa parvicellula* Bezzi, 1921a: 162. TYPE LOCALITY: Mozambique [H in SAMC].

DISTRIBUTION: **Afrotropical:** Botswana, Mozambique, South Africa (KwaZulu-Natal), Zimbabwe.

**perlucida**

*Exoprosopa perlucida* Hesse, 1956b: 896. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical:** Mozambique, South Africa (KwaZulu-Natal).

**pharao**

*Exoprosopa pharao* Paramonov, 1928a: 260(82). TYPE LOCALITY: Egypt [4S (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Palaeartic:** Egypt.

**stupida**

*Bibio stupida* Rossi, 1790: 277. TYPE LOCALITY: Italy [L designated by Evenhuis & Greathead (1999: 657) in ZMHB\*].

*Anthrax rhadamanthus* Meigen, 1804: 208. TYPE LOCALITY: France [T in UNKN].

*Anthrax chalcoides* Pallas & Wiedemann in Wiedemann, 1818a: 17. TYPE LOCALITY: "in australioribus deserti Caspii" [= Russia (SET) (see Pont, 1995: 150)] [T in NMW].

*Anthrax vitriecosta* Walker, 1849: 251. TYPE LOCALITY: Not given [= Palaearctic] [H in BMNH\*].

*Anthrax vitriecosta* Walker, 1849: 1154 (unjustified emendation of *Anthrax vitriecosta* Walker, 1849: 251).

*Anthrax squamea* Mulsant, 1852a: 21 [1852b: 181]. TYPE LOCALITY: France [T (lost?) in MNHN].

DISTRIBUTION: **Palaearctic:** Armenia, Austria, Azerbaijan, Egypt, Finland, France, Germany, Greece (incl. Naxos), Gruzia, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Libya, Poland, Portugal, Romania, Russia (SET), Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

### transcaspica

*Exoprosopa hyalipennis* Paramonov, 1928a: 233(55). TYPE LOCALITY: Turkmenistan [H (lost) in SIZK]. [Preoccupied by Cole, 1923.]

*Exoprosopa transcaspica* Evenhuis, 1978c: 103 (new replacement name for *Exoprosopa hyalipennis* Paramonov, 1928).

DISTRIBUTION: **Palaearctic:** Turkmenistan, Uzbekistan.

### vitrea

*Exoprosopa vitrea* Bigot, 1892: 344. TYPE LOCALITY: "Pondichéry" [= India (Tamil Nadu)] [H in BMNH\*].

DISTRIBUTION: **Oriental:** India (Maharashtra, Tamil Nadu, West Bengal).

### vitripennis

*Exoprosopa vitripennis* Brunetti, 1912: 467, 469. TYPE LOCALITY: India (Maharashtra) [H in NZSI].

DISTRIBUTION: **Oriental:** India (Karnataka, Maharashtra), Sri Lanka.

### vlasovi

*Exoprosopa vlasovi* Paramonov, 1928a: 282(104). TYPE LOCALITY: Turkmenistan [H in ZIS].

DISTRIBUTION: **Palaearctic:** Turkmenistan, Uzbekistan.

## Genus MUNJUA Lambkin & Yeates

**MUNJUA** Lambkin & Yeates in Lambkin *et al.*, 2003: 795. Type species: *Munjua erugata* Lambkin & Yeates, 2003, by original designation.

### erugata

*Larripa erugata* Lambkin & Yeates in Lambkin *et al.*, 2003: 795. TYPE LOCALITY: Australia (WA) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, NT, SA, Victoria, WA).

### lepidokingi

*Larripa lepidokingi* Lambkin & Yeates in Lambkin *et al.*, 2003: 799. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**paralutea**

*Larrpana paralutea* Lambkin & Yeates in Lambkin *et al.*, 2003: 801. TYPE LOCALITY: Australia (NSW) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, NT, Queensland, SA, WA).

Genus **MUWARNA** Lambkin & Yeates

**MUWARNA** Lambkin & Yeates in Lambkin *et al.*, 2003: 795. Type species: *Exoprosopa stellifera* Walker, 1849, by original designation.

**stellifera**

*Anthrax stellifer* Walker, 1849: 244. TYPE LOCALITY: “New Holland” [= Australia] & Australia (WA) [2S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: “New Holland”, Australia (SA, Victoria, WA).

**vitriularis**

*Muwarna vitriularis* Lambkin & Yeates in Lambkin *et al.*, 2003: 810. TYPE LOCALITY: Australia (Victoria) [H in MV].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Victoria, WA).

Genus **NGALKI** Lambkin

**NGALKI** Lambkin in Lambkin & Bartlett, 2011: 248. Type species: *Munjua trigona* Lambkin & Yeates, 2003, by original designation.

**trigona**

*Larrpana trigona* Lambkin & Yeates in Lambkin *et al.*, 2003: 804. TYPE LOCALITY: Australia (Victoria) [H in MV].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, SA, Victoria, WA).

Genus **PALIRIKA** Lambkin & Yeates

**PALIRIKA** Lambkin & Yeates in Lambkin *et al.*, 2003: 811. Type species: *Palirika decora* Lambkin & Yeates, 2003, by original designation.

**anaxios**

*Palirika anxios* Lambkin & Yeates in Lambkin *et al.*, 2003: 814. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**basilikos**

*Palirika basilikos* Lambkin & Yeates in Lambkin *et al.*, 2003: 817. TYPE LOCALITY: Australia (WA) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**blackdownensis**

*Palirika blackdownensis* Lambkin & Yeates in Lambkin *et al.*, 2003: 820. TYPE LOCALITY: Australia (Queensland) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**bouchardi**

*Palirika bouchardi* Lambkin & Yeates in Lambkin *et al.*, 2003: 821. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, NT, Queensland, WA).

**culgoafloodplainensis**

*Palirika culgoafloodplainensis* Lambkin in Lambkin & Bartlett, 2003: 242. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**cyanea**

*Palirika cyanea* Lambkin & Yeates in Lambkin *et al.*, 2003: 823. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NT, Queensland, WA).

**danielsi**

*Palirika danielsi* Lambkin & Yeates in Lambkin *et al.*, 2003: 824. TYPE LOCALITY: Australia (Queensland) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**decora**

*Palirika decora* Lambkin & Yeates in Lambkin *et al.*, 2003: 812. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (ACT, Queensland).

**mackenziei**

*Palirika mackenziei* Lambkin in Lambkin & Bartlett, 2003: 244. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**marginicollis**

*Anthrax marginicollis* Gray in Griffith & Pidgeon, 1832: 780. TYPE LOCALITY: Not given [probably = Australia (Queensland)] [3S in UMO\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, NT, Queensland, WA).

**viridula**

*Palirika viridula* Lambkin & Yeates in Lambkin *et al.*, 2003: 828. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**whyalla**

*Palirika whyalla* Lambkin & Yeates in Lambkin *et al.*, 2003: 831. TYPE LOCALITY: Australia (SA) [H in SAM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (SA, WA).

Genus **PSEUDOPENTHES** Roberts

**PSEUDOPENTHES** Roberts, 1928a: 132. Type species: *Pseudopenthes fenestrata* Roberts, 1928, by original designation

**fenestrata**

*Pseudopenthes fenestrata* Roberts, 1928a: 133. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**hesperis**

*Pseudopenthes hesperis* Lambkin & Yeates in Lambkin *et al.*, 2003: 862. TYPE

LOCALITY: Australia (WA) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

Genus **PTEROBATES** Bezzi

**PTEROBATES** Bezzi, 1921a: 130 [1922a: 85; 1924a: 273] (as subgenus of *Exoprosopa* Macquart). Type species: *Anthrax apicalis* Wiedemann, 1821, by monotypy.

**apicalis**

*Anthrax apicalis* Wiedemann, 1821a: 76 [1821b: 126]. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [4S in ZMHB\*; 1S in NMW\*; 1S in RMNH; 2S in ZMUC].

*Anthrax pennipes* ssp. *pespostieus* Macquart, 1840: pl. 19, fig. 3 [1841: pl. 19, fig. 3]. TYPE LOCALITY: Not given [= South Africa (Western Cape)] [T in UNKN].

DISTRIBUTION: **Afrotropical**: Botswana, Lesotho, South Africa (Western Cape), Zimbabwe.

**chalybaeus**

*Exoprosopa chalybaea* Röder, 1887: 75. TYPE LOCALITY: Lebanon [H in MLUH].

DISTRIBUTION: **Palaearctic**: Egypt, Israel, Lebanon, Saudi Arabia, Syria.

**chrysogaster**

*Exoprosopa chrysogaster* Bezzi, 1926b: 269. TYPE LOCALITY: Egypt [H (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Palaearctic**: Egypt.

**pennatus**

*Exoprosopa pennata* Nurse, 1922a: 635. TYPE LOCALITY: Pakistan [4S in BMNH\*].

DISTRIBUTION: **Oriental**: Pakistan. **Palaearctic**: Afghanistan, India (Karnataka), Iran.

**pennipes**

*Anthrax pennipes* Wiedemann, 1821b: 129. TYPE LOCALITY: Indonesia (Java) [1S in ZMUC; 1S in ZMHB\*].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku). **Oriental**: China, Hong Kong, India (Bihar, Meghalaya), Indonesia (Java), Macao, Malaysia (Sabah), Philippines.

**shelkovnikovi**

*Exoprosopa shelkovnikovi* Paramonov, 1928a: 269(91). TYPE LOCALITY: Armenia [H (lost) in SIZK].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, Gruzia, Kyrgyz Republic, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

Genus **WURDA** Lambkin & Yeates

**WURDA** Lambkin & Yeates in Lambkin *et al.*, 2003: 833. Type species: *Wurda emu* Lambkin & Yeates, 2003, by original designation.

**emu**

*Wurda emu* Lambkin & Yeates in Lambkin *et al.*, 2003: 833. TYPE LOCALITY: Australia (NSW) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, NT, Queensland, SA, WA).

**impatientis**

*Wurda impatientis* Lambkin & Yeates in Lambkin *et al.*, 2003: 838. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (SA, WA).

**montebelloensis**

*Wurda montebelloensis* Lambkin & Yeates in Lambkin *et al.*, 2003: 840. TYPE LOCALITY: Australia (WA) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NT, Queensland, SA, WA).

**norrisi**

*Wurda norrisi* Lambkin & Yeates in Lambkin *et al.*, 2003: 843. TYPE LOCALITY: Australia (WA) [H in WADA].

DISTRIBUTION: **Australasian/Oceanian:** Australia (SA, Victoria, WA).

**patrellia**

*Wurda patrellia* Lambkin & Yeates in Lambkin *et al.*, 2003: 845. TYPE LOCALITY: Australia (NSW) [H in AMS].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW).

**skevingtoni**

*Wurda impatientis* Lambkin & Yeates in Lambkin *et al.*, 2003: 847. TYPE LOCALITY: Australia (WA) [H in WAM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (WA).

**windorah**

*Wurda impatientis* Lambkin & Yeates in Lambkin *et al.*, 2003: 848. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, NT, Queensland, Victoria, SA, WA).

**wyperfeldensis**

*Wurda wyperfeldensis* Lambkin & Yeates in Lambkin *et al.*, 2003: 851. TYPE LOCALITY: Australia (Victoria) [H in MV].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, NT, Queensland, SA, Victoria, WA).

UNPLACED SPECIES OF **EXOPROSOPINI** BECKER

*argentata*

*Exoprosopa argentata* Costa, 1863: 77. *Nomen nudum.*

*fuscescens*

*Exoprosopa fuscescens* Bezzi in Rigato, 1995: 215. *Nomen nudum.*

*lepismoides*

*Exoprosopa lepismoides* Costa in Becker, Bezzi, Bischof, Kertész & Stein, 1903: 169. *Nomen nudum.*

## TRIBE PROROSTOMATINI HULL

## Genus CONOMYZA Hesse

**CONOMYZA** Hesse, 1956a: 114. Type species: *Conomyza semirufella* Hesse, 1956, by original designation.

**karooana**

*Conomyza semirufella* var. *karooana* Hesse, 1956a: 117. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**semirufella**

*Conomyza semirufella* Hesse, 1956a: 115. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

## Genus CORYPROSOPA Hesse

**CORYPROSOPA** Hesse, 1956a: 118. Type species: *Coryprosopa lineata* Hesse, 1956, by original designation.

**lineata**

*Coryprosopa lineata* Hesse, 1956a: 119. TYPE LOCALITY: South Africa (Western Cape) [35S in SAMC; 2S in CNC\*; 2S in BPBM\*; 2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

## Genus EPACMOIDES Hesse

**EPACMOIDES** Hesse, 1956a: 125. Type species: *Plesiocera biumbonata* Bezzi, 1922, by original designation.

**biumbonatus**

*Plesiocera biumbonata* Bezzi, 1922a: 81 (key only). TYPE LOCALITY: “Africa meridionali” [= South Africa] [1S in MSNM].

*Epacmoides albifrons* Hesse, 1956a: 130. TYPE LOCALITY: South Africa (Western Cape) [S in SAMC; S in DMSA; 2S in BMNH\*; 2S in BPBM\*].

*Epacmoides albifrons* var. *pallidulum* Hesse, 1956a: 131. TYPE LOCALITY: South Africa (Western Cape) [14S in SAMC\*; 2S in BPBM\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

**cryptochaunus**

*Epacmoides cryptochaunum* Hesse, 1956a: 133. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**xerophilus**

*Epacmoides xerophilum* Hesse, 1956a: 132. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

Genus **PLESIOCERA** Macquart

**PLESIOCERA** Macquart, 1840: 82 [1841: 360]. Type species: *Plesiocera algira* Macquart, 1840, by monotypy.

**CALLEDAX** Hull, 1973: 338 (as subgenus of *Plesiocera* Macquart). Type species: *Plesiocera psammophila* Hesse, 1956, by original designation.

**algira**

*Plesiocera algira* Macquart, 1840: 83 [1841: 361]. TYPE LOCALITY: “d’Alger” [= Algeria or Morocco] [H (lost) in MNHN].

*Anthrax fornicata* Loew, 1857b: 82. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] [H in ZMHB\*].

*Anthrax inaequalis* Becker, 1906c: 148. TYPE LOCALITY: Tunisia [2S in ZMHB\*].

DISTRIBUTION: **Palaearctic**: Algeria, Israel, Italy, Lebanon, Spain, Syria, Tunisia, Turkey.

**curvistoma**

*Plesiocera curvistoma* Hesse, 1956a: 104. TYPE LOCALITY: South Africa (Northern Cape) [28S in SAMC\*, 2S in CNC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**flavilabris**

*Plesiocera flavilabris* Hesse, 1956a: 108. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**ochraea**

*Plesiocera ochraea* Greathead, 1967: 233. TYPE LOCALITY: Eritrea [H in BMNH\*]. *ochracea*, error for *ochraea*.

DISTRIBUTION: **Afrotropical**: Eritrea, Kenya, Yemen. **Palaearctic**: Saudi Arabia.

**pernotata**

*Plesiocera pernotata* Hesse, 1956a: 113. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**philerema**

*Plesiocera philerema* Hesse, 1956a: 111. TYPE LOCALITY: South Africa (Western Cape) [21S in SAMC\*; 6S in BMNH\*; 1S in CNC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**psammophila**

*Plesiocera psammophila* Hesse, 1956a: 102. TYPE LOCALITY: South Africa (Northern Cape) [80S in SAMC\*; 2S in CNC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**rhodesiensis**

*Plesiocera rhodesiensis* Hesse, 1956a: 106. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: Zimbabwe.

**rufisticta**

*Plesiocera psammophila* var. *rufisticta* Hesse, 1956a: 104. TYPE LOCALITY: South Africa (Northern Cape) [S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).



**rufiventris**

*Plesiocera rufiventris* Hesse, 1956a: 109. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

Genus **PROROSTOMA** Hesse

**PROROSTOMA** Hesse, 1956a: 121. Type-species: *Plesiocera integra* Bezzi, 1922, by original designation.

**integrum**

*Plesiocera integra* Bezzi, 1922a: 81. TYPE LOCALITY: South Africa (Eastern Cape) [H in MSNM].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape).

Genus **STOMYLOMYIA** Bigot

**STOMYLOMYIA** Bigot, 1887a: xxxi [1887b: xxxi]. Type-species: *Stomylomyia leonina* Bigot, 1887 [= *Tomomyza europaea* Loew, 1869], by monotypy.

**aegyptiaca**

*Stomylomyia europaea* var. *aegyptiaca* Bezzi, 1925: 201. TYPE LOCALITY: Egypt [1S in MSNM].

DISTRIBUTION: **Palaeartic**: Egypt.

**araxana**

*Stomylomyia araxana* Paramonov, 1925g: 94. TYPE LOCALITY: Armenia [11S (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia.

**europaea**

*Tomomyza europaea* Loew, 1869b: 228. TYPE LOCALITY: Greece (Rhodes) & “Kleinasiens” [= Turkey] [2S in UMO\*; 13S in ZMHB\*].

*Stomylomyia leonina* Bigot, 1887a: xxxi [1887b: xxxi]. TYPE LOCALITY: “Asia minor” [probably = Turkey] [1S in UMO\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Albania, Armenia, Azerbaijan, Egypt, France, Greece (incl. Corfu, Rhodes), Gruzia, Hungary, Iran, Israel, Italy, Macedonia, Moldova, Romania, Russia (SET), Turkey, Ukraine, Yugoslavia.

**nigrirostris**

*Stomylomyia europaea* var. *nigrirostris* Bezzi, 1925: 202. TYPE LOCALITY: Egypt [2S in ESEC].

DISTRIBUTION: **Palaeartic**: Egypt, Israel.

*palaestinensis*

*Stomylomyia palaestinensis* François in Zaitzev, 2008: 83. *Nomen nudum*.

**pusilla**

*Stomylomyia pusilla* Bezzi, 1925: 202. TYPE LOCALITY: Egypt [3S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Egypt, Gruzia.

**tenella**

*Tomomyza tenella* Loew, 1869b: 231 [1870b: 140]. TYPE LOCALITY: Spain [1S in ZSMC; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Italy, Spain.

**turkestanica**

*Stomylomyia turkestanica* Paramonov, 1929a: 98(36). TYPE LOCALITY: Turkmenistan & Uzbekistan [29S (lost) in SIZK; 1S in NMW\*].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

TRIBE **VILLINI** HULL

Genus **ASTROPHANES** Osten Sacken

**ASTROPHANES** Osten Sacken, 1886a: 76 [1886b: 106]. Type species: *Astrophanes adonis* Osten Sacken, 1886, by subsequent monotypy (Osten Sacken, 1886b: 106).

**ARISTOPHANES**, error for *Astrophanes*.

[See Evenhuis (1991b: 21–22) for clarification of type fixation for this genus.]

**adonis**

*Astrophanes adonis* Osten Sacken, 1886b: 107. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 133) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Kansas, Nevada, New Mexico, Oklahoma, Texas, Utah).

**andinus**

*Astrophanes andinus* Brèthes, 1909: 91. TYPE LOCALITY: Argentina [H in MACN].

DISTRIBUTION: **Neotropical**: Argentina.

Genus **CAECANTHRAX** Greathead

**CAECANTHRAX** Greathead, 1980b: 322. Type species: *Anthrax inaurata* Klug, 1832, by subsequent designation (Evenhuis, 1991b: 24). [Unavailable; genus-group name proposed after 1930 without type species designation.]

**CAECANTHRAX** Greathead, 1981: 324. Type species: *Anthrax inaurata* Klug, 1832, by original designation.

**arabicus**

*Anthrax arabica* Macquart, 1840: 63 [1841: 341]. TYPE LOCALITY: “d’Arabie” [L designated by Evenhuis & Greathead (1999: 644) in MNHN\*].

*Anthrax punctum* Loew, 1854: 2. TYPE LOCALITY: Italy [H in UNKN]. [Preoccupied by Walker, 1849.]

*Pachyanthrax dimidiatus* Greathead, 1988: 106. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].

DISTRIBUTION: **Oriental**: Pakistan. **Palaeartic**: Afghanistan, Armenia, Azerbaijan, France, Greece (incl. Rhodes), Gruzia, Iran, Italy, Jordan, Kyrgyz Republic, Saudi Arabia, Tajikistan, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Yugoslavia.

**auratus**

*Caecanthrax auratus* Greathead, 1980b: 322 [1981: 324]. TYPE LOCALITY: Yemen [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen.

**inauratus**

*Anthrax inaurata* Klug, 1832: pl. 30, fig. 9. TYPE LOCALITY: “Arabia felici” [= Saudi Arabia (see Baker, 1997: 195)] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Ghana, Kenya, Mali, Niger, Somalia, Yemen (incl. Socotra). **Palearctic**: Egypt, Saudi Arabia.

Genus **CHRYSANTHRAX** Osten Sacken

**CHRYSANTHRAX** Osten Sacken, 1886b: 113 (as subgenus of *Anthrax* Scopoli), 121 (as “group” of *Anthrax* Scopoli). Type species: *Anthrax fulvohirta* Wiedemann, 1821 [= *Anthrax cypris* Meigen, 1820], by monotypy.

[See Evenhuis (1991b: 27) for clarification of type fixation of this genus.]

**adumbratus**

*Anthrax adumbrata* Coquillett, 1887c: 176. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 643) in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (California).

**albicomus**

*Chrysanthrax albicomus* Tabet & Hall, 1987: 135. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**altus**

*Anthrax altus* Tucker, 1907: 89. TYPE LOCALITY: USA (Colorado) [H in SEMC].

DISTRIBUTION: **Nearctic**: USA (Colorado, New Mexico).

**anna**

*Anthrax anna* Coquillett, 1887c: 169. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 644) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California).

**arenarius**

*Villa arenaria* Hall, 1976a: 230. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**arenosus**

*Anthrax arenosa* Coquillett, 1892c: 187. TYPE LOCALITY: USA (New Mexico) [H (lost) in USNM].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (New Mexico).

**argentosus**

*Villa argentosa* Painter, 1933b: 8. TYPE LOCALITY: Panama [2S in AMNH\*].

DISTRIBUTION: **Neotropical**: Panama.

**arizonensis**

*Anthrax arizonensis* Coquillett, 1887c: 182. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, Nevada).

**astarte**

*Anthrax astarte* Wiedemann, 1830: 637. TYPE LOCALITY: "Mexiko" [= Mexico or southwestern USA] [L designated by Painter & Painter (1962: 85) in NMW].

*Anthrax recta* Walker, 1852: 174. TYPE LOCALITY: "South America" [error, probably = Central America] [H in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Guerrero, Jalisco, Morelos, Nuevo León, Puebla, Veracruz-Llave). **Neotropical:** Honduras, Mexico (Chiapas, Oaxaca).

**caliginosus**

*Anthrax nebulosa* Coquillett, 1894a: 99. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 650) in USNM\*]. [Preoccupied by Dufour, 1852.]

*Chrysanthrax caliginosus* Evenhuis & Greathead, 1999: 425 (new replacement name for *Anthrax nebulosa* Coquillett, 1894).

DISTRIBUTION: **Nearctic:** USA (California, Oregon, Utah).

**cautor**

*Anthrax cautor* Coquillett, 1887c: 175. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 645) in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Nevada, Utah).

**cerius**

*Anthrax cerius* Williston, 1901: 283. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Colima, Guerrero, Morelos, San Luis Potosí, Sinaloa, Sonora). **Neotropical:** Mexico (Oaxaca).

**cinefactus**

*Anthrax cinefacta* Coquillett, 1892c: 180. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 645) in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

**compressus**

*Villa compressa* Painter, 1926b: 211. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Texas).

**conclusus**

*Anthrax dorsalis* Walker, 1857: 138. TYPE LOCALITY: "Valley of the Amazon" [= Brazil (Amazonas or Pará)] [L designated by Painter & Painter (1974: 204) in BMNH\* (lectotype here deemed valid by virtue of I.C.Z.N. Code Art. 74a)]. [Preoccupied by Walker, 1849.]

*Anthrax conclusa* Walker, 1857: 139. TYPE LOCALITY: "Valley of the Amazon" [= Brazil (Amazonas or Pará)] [L designated by Painter & Painter (1974: 182) in BMNH\*].

*Glossista costata* Bigot, 1892: 352. TYPE LOCALITY: "Amazones" [= Brazil] [L designated in Painter & Painter (1974: 204) in BMNH\*].

DISTRIBUTION: **Neotropical:** Bolivia, Brazil (Amazonas).

**crocinus**

*Anthrax crocina* Coquillett, 1892c: 183. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 646) in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (Arizona, California, Nevada).

**cypris**

*Anthrax cypris* Meigen, 1820: 158. TYPE LOCALITY: “österreichisches Produkt”, [error, = North America (see Meigen, 1830: 325)] [T (destroyed) in NMW (see Note 18)].

*Anthrax fulvohirta* Wiedemann, 1821a: 99 [1821b: 149] (as “*fulvo - hirta*”). TYPE LOCALITY: “Georgia Americes” [= USA (Georgia)] [1S in NMW; 2S in ZMUC; 3S in ZMHB\*].

*Anthrax confacies* Macquart, 1850: 416(112). TYPE LOCALITY: “Virginie” [= USA (Virginia or West Virginia)] [1S in BMNH\*].

*fulvithorax*, error for *fulvohirta* (Meigen, 1830: 325).

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Puebla, Veracruz-Llave), USA (Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maryland, Massachusetts, Mississippi, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Virginia, West Virginia). **Neotropical**: Mexico (Chiapas, Oaxaca).

**dichotomus**

*Exoprosopa dichotoma* Schiner, 1868b: 119. TYPE LOCALITY: “Südamerika” [= Venezuela] [L designated by Painter & Painter (1974: 192) in NMW].

*Exoprosopa bipartita* Bigot, 1892: 346. TYPE LOCALITY: “Colombie” [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Colombia, Venezuela.

**dimidiatus**

*Anthrax dimidiata* Wiedemann, 1819b: 46. TYPE LOCALITY: “Brasil” [= Brazil or Uruguay] [L designated by Painter & Painter (1974: 195) in NMW].

DISTRIBUTION: **Neotropical**: Argentina, Brazil.

**dispar**

*Anthrax dispar* Coquillett, 1887c: 177. TYPE LOCALITY: USA (Florida) [L designated by Evenhuis & Greathead (1999: 646) in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), Mexico (Colima, Chihuahua, Guanajuato, Guerrero, Sonora, Tamaulipas), USA (Alabama, Arizona, Arkansas, Colorado, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Minnesota, Mississippi, Missouri, Nebraska, New Mexico, North Carolina, Ohio, Oklahoma, South Carolina, Tennessee, Texas, Virginia, West Virginia).

**edititius**

*Anthrax edititia* Say, 1829: 156. TYPE LOCALITY: Not given [probably = USA] [T (destroyed) in ANSP (see Note 25)].

*Anthrax impiger* Coquillett, 1887c: 177. TYPE LOCALITY: USA (Arizona) [L designated by Evenhuis & Greathead (1999: 648) in USNM\*].

*Anthrax sabulosa* Coquillett, 1892c: 186. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 651) in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Durango, Morelos, San Luis Potosí, Veracruz-Llave), USA (Arizona, California, Colorado, Idaho, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, Nevada, New Mexico, Ohio, Oklahoma, Oregon, South Dakota, Texas, Utah, Wisconsin, Wyoming). **Neotropical**: Guatemala, Honduras, Mexico (Oaxaca).

**eudorus**

*Anthrax eudora* Coquillett, 1887c: 169. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 647) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico, Utah).

**fuscus**

*Anthrax fusca* Fabricius, 1805: 117. TYPE LOCALITY: “America meridionali” [probably = U.S. Virgin Is] [1S in ZMUC].

*Anthrax nero* Fabricius, 1805: 127. TYPE LOCALITY: Americae meridionali Insulis” [= U.S. Virgin Is] [1S in ZMUC].

*Anthrax trimacula* Walker, 1849: 250. TYPE LOCALITY: Jamaica [2S in BMNH\*; 1S in MVMA].

*Anthrax trimaculata* Johnson, 1919b: 429 (unjustified emendation of *Anthrax trimacula* Walker, 1849). [Preoccupied by Macquart, 1848.]

DISTRIBUTION: **Neotropical**: Bahamas, Haiti, Jamaica, Puerto Rico, U.S. Virgin Is.

**gorgon**

*Anthrax gorgon* Fabricius, 1805: 126. TYPE LOCALITY: “Americae Insulis” [= U.S. Virgin Is] [6S in ZMUC; 3S in ZMHB\*].

*Anthrax maimon* Fabricius, 1805: 127. TYPE LOCALITY: “Americae meridionali Insulis” [= U.S. Virgin Is] [4S in ZMUC].

DISTRIBUTION: **Neotropical**: Bahamas, British Virgin Is, Dominica, Guadeloupe, Haiti, Jamaica, Puerto Rico, U.S. Virgin Is.

**hircinus**

*Anthrax hircina* Coquillett, 1892c: 182. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (California).

**iopterus**

*Anthrax ioptera* Wiedemann, 1828: 565. TYPE LOCALITY: “Brasilien” [= Brazil or Uruguay] [1S in SMFD; 1S in ZMHB\*].

DISTRIBUTION: **Neotropical**: “Brasilien” [= Brazil or Uruguay].

**juncturus**

*Anthrax junctura* Coquillett, 1887c: 163. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 648) in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Nevada, New Mexico).

**lepidotoides**

*Villa lepidotoides* Johnson, 1919a: 12. TYPE LOCALITY: USA (New Jersey) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (New Jersey).

**leviculus**

*Anthrax levicula* Coquillett, 1894a: 99. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 649) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**litoralis**

*Villa litoralis* Hall, 1976a: 231. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**miniata**

*Villa miniata* Oldroyd, 1938: 89. TYPE LOCALITY: Argentina [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Argentina.

**mobile**

*Anthrax mobile* Coquillett, 1894a: 100. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**multicolor**

*Glossista multicolor* Bigot, 1892: 352. TYPE LOCALITY: Chile [L designated by Painter & Painter (1974: 252) in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**niveus**

*Villa nivea* Cole, 1923: 302. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur).

**pallidulus**

*Anthrax pallidula* Coquillett, 1894a: 99. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**panamensis**

*Villa rava* Painter, 1933b: 9. TYPE LOCALITY: Panama [H in AMNH\*]. [Preoccupied by Roberts, 1928.]

*Chrysanthrax panamensis* Evenhuis & Greathead, 1999: 428 (new replacement name for *Villa rava* Painter, 1933).

DISTRIBUTION: **Neotropical**: Panama.

**partitus**

*Chrysanthrax partita* Tabet & Hall, 1987: 139. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**petalonyx**

*Chrysanthrax petalonyx* Tabet & Hall, 1987: 141. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**philippii**

*Anthrax philippii* Rondani, 1863: 65 [1864: 65]. TYPE LOCALITY: Chile [H in MZUN].

*Anthrax fulvago* Philippi, 1865: 669. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical**: Chile.

**primitivus**

*Anthrax primitiva* Walker, 1849: 257. TYPE LOCALITY: Galapagos Is [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Galapagos Is.

**procedens**

*Anthrax procedens* Walker, 1852: 185. TYPE LOCALITY: "Columbia" [= Colombia] [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Colombia.

**quadripunctatus**

*Villa quadripunctata* Cole, 1923: 298. TYPE LOCALITY: Mexico (Sonora) [H in CAS].  
DISTRIBUTION: **Nearctic**: Mexico (Sonora).

**restitutus**

*Anthrax restituta* Walker, 1852: 174. TYPE LOCALITY: "South America" [probably = Argentina] [1S in BMNH\*; 1S in MVMA].  
DISTRIBUTION: **Neotropical**: Argentina.

**sackenianus**

*Anthrax sackeniana* Williston, 1901: 276. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].  
DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Hidalgo, Michoacán de Ocampo, Morelos). **Neotropical**: Mexico (Oaxaca).

**scitulus**

*Anthrax scitula* Coquillett, 1887c: 172. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 651) in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (California, Nevada).

**semilugens**

*Anthrax semilugens* Philippi, 1865: 664. TYPE LOCALITY: Chile [N designated by Hall (1976a: 238) in MEUC\*].  
*Anthrax uncinatus* Bigot, 1892: 356. TYPE LOCALITY: Chile [L designated by Painter & Painter (1974: 276) in BMNH\*].  
DISTRIBUTION: **Neotropical**: Chile.

**subandinus**

*Anthrax subandina* Philippi, 1865: 667. TYPE LOCALITY: Chile [N designated by Hall (1976a: 240) in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

**supinus**

*Anthrax supina* Coquillett, 1887c: 169. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 652) in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada, Utah).

**tantillus**

*Anthrax tantilla* Coquillett, 1892c: 184. TYPE LOCALITY: USA (California) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (California).

**telluris**

*Anthrax telluris* Coquillett, 1892c: 182. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 652) in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (California).

**terrenus**

*Anthrax terrena* Coquillett, 1892c: 181. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 652) in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (California).

**turbatus**

*Anthrax turbata* Coquillett, 1887c: 168. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 653) in USNM\*].  
*Anthrax comparata* Tucker, 1907: 90. TYPE LOCALITY: USA (Colorado) [2S in SEMC].



DISTRIBUTION: **Nearctic:** USA (California, Colorado, Kansas, Nebraska, New Mexico, Texas).

**vanus**

*Anthrax vana* Coquillett, 1887c: 180. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 653) in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Sonora, Tiburon I), USA (California, Oregon, Utah).

**variatus**

*Anthrax variata* Coquillett, 1892c: 184. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 653) in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

**yaqui**

*Villa yaqui* Painter in Painter & Painter, 1962: 94. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Arizona).

Genus **CYANANTHRAX** Painter

**CYANANTHRAX** Painter, 1959: 73. Type species: *Anthrax cyanoptera* Wiedemann, 1830, by original designation.

**cyanopterus**

*Anthrax cyanoptera* Wiedemann, 1830: 638. TYPE LOCALITY: “Mexiko” [probably = Mexico (Oaxaca)] [2S in ZMHB\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Jalisco, México, Michoacán de Ocampo, Morelos, Puebla). **Neotropical:** Mexico (Oaxaca).

Genus **DEUSOPORA** Hull

**DEUSOPORA** Hull, 1971a: 1. Type species: *Deusopora sapphirina* Hull, 1971, by original designation.

**sapphirina**

*Deusopora sapphirina* Hull, 1971a: 1. TYPE LOCALITY: Brazil (Santa Catarina) [H in CNC\*].

DISTRIBUTION: **Neotropical:** Brazil (Santa Catarina).

Genus **DIOCHANTHRAX** Hall

**DIOCHANTHRAX** Hall, 1975b: 109 (as subgenus of *Villa* Lioy). Type species: *Villa morulus* Hall, 1975, by monotypy.

**morulus**

*Villa morulus* Hall, 1975b: 109. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California).

Genus **DIPALTA** Osten Sacken

**DIPALTA** Osten Sacken, 1877: 236. Type species: *Dipalta serpentina* Osten Sacken, 1877, by monotypy.

**banksi**

*Dipalta banksi* Johnson, 1921: 12. TYPE LOCALITY: USA (Virginia) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Ohio, Virginia).

**serpentina**

*Anthrax serpentina* Osten Sacken, 1877: 237. TYPE LOCALITY: USA (California) [L designated by Evenhuis (1982b: 17) in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Hidalgo, México, Morelos, Puebla, San Luis Potosí, Sinaloa), USA (Arizona, Arkansas, California, Colorado, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Mexico, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Tennessee, Texas, Utah, Washington, Wisconsin, Wyoming). **Neotropical**: Cuba, Guatemala, Honduras.

Genus **DIPLOCAMPTA** Schiner

**DIPLOCAMPTA** Schiner, 1868a: 312 [1868b: 119]. Type species: *Diplocampta singularis* Schiner, 1868 [= *Anthrax conopas* Philippi, 1865], by original designation.

**conopas**

*Anthrax conopas* Philippi, 1865: 674. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

*Diplocampta singularis* Schiner, 1868a: 312 [1868b: 120]. TYPE LOCALITY: Chile [L designated by Painter & Painter (1974: 168) in NMW].

DISTRIBUTION: **Neotropical**: Chile.

**exilis**

*Diplocampta exilis* Hall, 1976a: 176. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**homolos**

*Diplocampta homolos* Hall, 1976a: 177. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**marnefi**

*Diplocampta marnefi* Hall, 1976a: 179. TYPE LOCALITY: Chile [H in KBIN\*].

DISTRIBUTION: **Neotropical**: Chile.

**platypteron**

*Diplocampta platypteron* Hall, 1976a: 180. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**secunda**

*Diplocampta secunda* Paramonov, 1931b: 45(45). TYPE LOCALITY: Chile [H in DEI\*].

*Diplocampta subsinuata* Oldroyd, 1938: 92. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

Genus **EXECHOHYPOPION** Evenhuis

**EXECHOHYPOPION** Evenhuis, 1991a: 283. Type species: *Exechohypopion greatheadi* Evenhuis, 1991, by original designation.

**albatum**

*Villa alбата* Roberts, 1928a: 124. TYPE LOCALITY: Australia (WA) [H (lost) in MAMU].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**corrigiolatum**

*Anthrax corrigiolata* Rondani, 1863: 62 [1864: 62]. TYPE LOCALITY: Chile [H in MZUN].

*Anthrax balteata* Philippi, 1865: 673. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical**: Chile.

**greatheadi**

*Exechohypopion greatheadi* Evenhuis, 1991a: 286. TYPE LOCALITY: New Caledonia (New Caledonia) [H in BPBM\*].

DISTRIBUTION: **Australasian/Oceanian**: New Caledonia (New Caledonia).

**inglorium**

*Anthrax ingloria* Philippi, 1865: 674. TYPE LOCALITY: Chile [N designated by Hall (1976a: 225) in MEUC\*].

*Anthrax pusio* Philippi, 1865: 674. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)]. [Preoccupied by Macquart, 1840.]

DISTRIBUTION: **Neotropical**: Chile.

**leucomallum**

*Anthrax leucomalla* Philippi, 1865: 672. TYPE LOCALITY: Chile [N designated by Hall (1976a: 226) in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**minus**

*Anthrax minor* Macquart, 1850: 415(111). TYPE LOCALITY: Australia (Tasmania) [3S in MNHN\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Tasmania), ?New Caledonia (New Caledonia).

**nigricosta**

*Anthrax nigricosta* Macquart, 1850: 415(111). TYPE LOCALITY: “Tasmanie” [error, = Australia (NSW) (see Hardy, 1929: 61)] [L designated by Evenhuis & Greathead (1999: 650) in MNHN\*].

*nigricostata*, error for *nigricosta*.

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland, SA, Victoria).

**nigrocrurum**

*Villa nigrocrura* Hall, 1976a: 226. TYPE LOCALITY: Chile H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**praeteritum**

*Villa praeterita* Oldroyd, 1938: 88. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**robertsi**

*Villa brunea* Roberts, 1928a: 118. TYPE LOCALITY: Australia (NSW) [H in QM]. [Preoccupied by Becker, 1916.]

*Exechohypopion robertsi* Evenhuis & Greathead, 1999: 433 (new replacement name for *Villa brunea* Roberts, 1928).

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**subobscurum**

*Anthrax obscura* Macquart, 1846: 240(112). TYPE LOCALITY: “Nouvelle-Hollande” [= Australia] [T (lost?) in MNVL]. [Preoccupied by Weber, 1801.]

*Anthrax subobscura* Hardy, 1942: 203 (new replacement name for *Anthrax obscura* Macquart, 1846).

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**therephaga**

*Exechohypopion therephaga* Yeates in Irwin & Yeates, 1995: 1319. TYPE LOCALITY: Australia (NSW) [H in ANIC].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**unum**

*Villa una* Oldroyd, 1938: 88. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

Genus **EXHYALANTHRAX** Becker

**EXHYALANTHRAX** Becker, 1916: 44 (as subgenus of *Villa* Lioy). Type species: *Anthrax vagans* Loew, 1862 [= *Anthrax muscaria* Pallas, 1818], by subsequent designation (Bezzi, 1924a: 7, 192).

**ORIELLUS** Hull, 1973: 403 (as subgenus of *Thyridanthrax* Osten Sacken). Type species: *Anthrax stigmula* Klug, 1832, by original designation.

**TAUROPSIS** Hull, 1973: 365, 368 (as subgenus of *Thyridanthrax* Osten Sacken). Type species: *Anthrax irrorella* Klug, 1832, by original designation.

**aberrans**

*Thyridanthrax aberrans* Hesse, 1956b: 595. TYPE LOCALITY: South Africa (Northern Cape) [3S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

**abruptoides**

*Thyridanthrax abruptoides* Hesse, 1956b: 574. TYPE LOCALITY: South Africa (Western Cape) [68S in SAMC; 4S in BMNH\*; 1S in NMBZ; 13S in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, South Africa (KwaZulu-Natal, Northern Cape, Northern Province, Western Cape), Zimbabwe.

**abruptus**

*Anthrax abruptus* Loew, 1860a: 90 [1860b: 291; 1860c: 219]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [H in NHRS].

*Anthrax linea* Loew, 1860a: 91 [1860b: 294; 1860c: 222]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: Botswana, Eritrea, Ethiopia, Kenya, Namibia, South Africa (Eastern Cape, Gauteng, KwaZulu-Natal, Northern Cape, Northern Province, Western Cape), Swaziland, Tanzania.

**absalon**

*Anthrax absalon* Wiedemann, 1824: 24. TYPE LOCALITY: “India orient.” [probably = India (Bihar or West Bengal) (see Pont, 1996: 151)] [1S in ZMUC].

*Thyridanthrax indianus* François, 1967c: 291. TYPE LOCALITY: India (Tamil Nadu) [H in NHMB].

DISTRIBUTION: **Oriental:** India (Maharashtra, Orissa, Tamil Nadu, West Bengal), Malaysia, Sri Lanka.

**afer**

*Anthrax afer* Fabricius, 1794: 258. TYPE LOCALITY: “Kiliae” [= Germany] [1S in ZMUC].

*Anthrax fimbriata* Meigen, 1804: 205. TYPE LOCALITY: Italy [L designated by François (1967c: 292) in MNHN\*].

*Anthrax sirius* Hoffmanssegg in Wiedemann, 1818a: 12. [Unavailable; name proposed in synonymy with *Anthrax afer* Fabricius and not made available before 1961.]

*Anthrax hemipterus* Pallas in Wiedemann, 1818a: 12. [Unavailable; name proposed in synonymy with *Anthrax afer* Fabricius and not made available before 1961.]

*Anthrax marginalis* Wiedemann in Meigen, 1820: 149. TYPE LOCALITY: Portugal [H in ZMHB\*].

*Anthrax sirius* Meigen, 1820: 154. [Unavailable; name proposed in synonymy with *Anthrax fimbriata* Meigen and not made available before 1961.]

*Anthrax tangerinus* Bigot, 1892: 353. TYPE LOCALITY: “Maroc” [= Morocco] [H in UMO\*].

*Thyridanthrax burtti* Hesse, 1956b: 619. TYPE LOCALITY: “Kenya” [H in BMNH\*].

*Thyridanthrax aequisevus* Bowden, 1964a: 112. TYPE LOCALITY: Ghana [H in JB].

*Thyridanthrax decipiens* Bowden, 1964a: 114. TYPE LOCALITY: “Ashanti” [= Ghana] [H in JB].

DISTRIBUTION: **Afrotropical:** Chad, Eritrea, Ghana, Kenya, Yemen. **Oriental:** Pakistan. **Palaeartic:** Afghanistan, Armenia, Austria, Azerbaijan, Belgium, Bulgaria, China (Beijing, Nei Mongol, Sichuan, Xinjiang, Xizang), Croatia, Cyprus, Czech Republic, Denmark, Egypt, France (incl. Corsica), Germany, Gibraltar, Greece (incl. Lesbos), Gruzia, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Kazakhstan, Kyrgyz Republic, Libya, Macedonia, Malta, Mongolia, Morocco, Netherlands, Oman, Poland, Portugal, Romania, Russia (WS), Saudi Arabia, Slovakia, Slovenia, Spain (incl. Ibiza, Mallorca), Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Yugoslavia.

**alatus**

*Hemipenthes alatus* Becker, 1910a: 134. TYPE LOCALITY: Yemen (Socotra) [H in MNHN].

DISTRIBUTION: **Afrotropical:** Yemen (Abd-el-Kuri, Socotra).

**alliopterus**

*Thyridanthrax alliopterus* Hesse, 1956b: 617. TYPE LOCALITY: “Tanganyika” [= Tanzania] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Kenya, Tanzania.

**anisospilus**

*Thyridanthrax anisospilus* Hesse, 1956b: 562. TYPE LOCALITY: South Africa (Western Cape) [54S in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Eastern Cape, Northern Cape, Western Cape).

**aravensis**

*Exhyalanthrax aravensis* Zaitzev, 1999: 889. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel.

**arenicola**

*Thyridanthrax arenicolus* Hesse, 1956b: 597. TYPE LOCALITY: South Africa (Western Cape) [4S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**argentifer**

*Villa argentifer* Becker, 1916: 46. TYPE LOCALITY: Greece [H (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaeartic**: Greece (incl. Lesbos), Iran, Macedonia, Turkey, Yugoslavia.

**argentifrons**

*Hemipenthes argentifrons* Becker, 1910a: 133. TYPE LOCALITY: Yemen (Socotra) [2S in MNHN].

DISTRIBUTION: **Afrotropical**: Yemen (Socotra).

**atriventris**

*Thyridanthrax atriventris* Hesse, 1956b: 553. TYPE LOCALITY: South Africa (Western Cape) [18S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**auctellus**

*Thyridanthrax auctellus* Shiraki, 1932: 124. TYPE LOCALITY: Japan [T in UNKN].

*Thyridanthrax auctellus* Bezzi in Hennig, 1941: 69 [*in* Rohlfien & Ewald, 1980: 224]. *Nomen nudum*. [Preoccupied by Shiraki, 1932.]

DISTRIBUTION: **Palaeartic**: Japan.

**autumnalis**

*Villa autumnalis* Becker, 1916: 47. TYPE LOCALITY: "Klein-Asien" [= Turkey] [2S (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaeartic**: Egypt, Iran, Turkey.

**bechuanus**

*Thyridanthrax bechuanus* Hesse, 1956b: 591. TYPE LOCALITY: "Bechuanaland" [= Botswana] [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: Botswana, Mozambique.

**beckerianus**

*Thyridanthrax beckerianus* Bezzi, 1924a: 197. TYPE LOCALITY: Sierra Leone [4S in BMNH\*].

*Thyridanthrax argentifrons* Austen, 1929: 155. TYPE LOCALITY: Nigeria [H in BMNH\*]. [Preoccupied by Becker, 1910.]

*Thyridanthrax argyrolophus* Hesse, 1956b: 557. TYPE LOCALITY: "South-West Africa" [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Chad, Kenya, Namibia, Nigeria, Senegal, Sierra Leone, Tanzania, Zimbabwe. **Palaeartic**: Oman, Saudi Arabia, United Arab Emirates.

**beneficus**

*Thyridanthrax beneficus* Austen, 1929: 162. TYPE LOCALITY: "Portuguese East Africa" [= Mozambique] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Mozambique, Zimbabwe.

**blattae**

*Exhyalanthrax blattae* Greathead in Greathead & Grandcolas, 1995: 94. TYPE LOCALITY: Saudi Arabia [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Saudi Arabia.

**bolbocerus**

*Thyridanthrax bolbocerus* Hesse, 1956b: 602. TYPE LOCALITY: South Africa (Western Cape) [9S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**caffrariae**

*Thyridanthrax caffrariae* Hesse, 1956b: 587. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**canarionae**

*Exhyalanthrax canarionae* Báez, 1990: 442. TYPE LOCALITY: Canary Is [H in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**cidarellus**

*Thyridanthrax cidarellus* Hesse, 1956b: 564. TYPE LOCALITY: South Africa (Western Cape) [16S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**collarti**

*Thyridanthrax collarti* François, 1962a: 4. TYPE LOCALITY: Spain [H in KBIN\*].

DISTRIBUTION: **Palaeartic**: Greece, Italy, Spain.

**compactus**

*Lepidanthrax compacta* Brunetti, 1920: 233. TYPE LOCALITY: India (Uttar Pradesh) [2S in BMNH\*].

DISTRIBUTION: **Oriental**: India (Karnataka, Uttar Pradesh).

**contrarius**

*Villa contraria* Becker, 1916: 48. TYPE LOCALITY: “Dalmatia” [= Croatia] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Croatia, Greece, Italy., Turkey

**costalis**

*Thyridanthrax costalis* Bowden, 1964a: 106. TYPE LOCALITY: Ghana [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Chad, Gambia, Ghana, Mauritania.

**entamari**

*Exhyalanthrax entamari* Zaitzev, 1999: 892. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel.

**finidrontis**

*Thyridanthrax nitidifrons* Hesse, 1956b: 590. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC]. [Preoccupied by Austen, 1936.]

*Exhyalanthrax finidrontis* Evenhuis & Greathead, 1999: 437 (new replacement name for *Thyridanthrax nitidifrons* Hesse, 1956).

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Northern Cape, Western Cape).

**flammiger**

*Anthrax flammiger* Walker, 1849: 262 TYPE LOCALITY: Sierra Leone [H in BMNH\*].

*Anthrax leucoprocta* Loew, 1860a: 91 [1860b: 294; 1860c: 222]. TYPE LOCALITY: "Cap. B. Sp." [= South Africa (Western Cape)] [T in UNKN].

DISTRIBUTION: **Afrotropical**: Botswana, Chad, Eritrea, Ethiopia, Ghana, Kenya, Mali, Namibia, Niger, Nigeria, Senegal, Sierra Leone, South Africa (Eastern Cape, Gauteng, KwaZulu-Natal, Northern Cape, "Transvaal", Western Cape), Tanzania, Uganda, Zambia, Zimbabwe.

**intermedius**

*Hemipenthes intermedius* Paramonov, 1927d: 168. TYPE LOCALITY: Armenia [H (lost) in SIZK].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, Gruzia.

**irrorellus**

*Anthrax irrorella* Klug, 1832: pl. 30, fig. 16. TYPE LOCALITY: "Syria" [= Lebanon (see Baker, 1997: 194)] [H in ZMHB\*].

*Anthrax inconspicua* Loew, 1856: 29. TYPE LOCALITY: Egypt [S in ZMHB].

DISTRIBUTION: **Palaearctic**: Egypt, Lebanon, Libya, Syria.

**keiseri**

*Thyridanthrax keiseri* François, 1968c: 205. TYPE LOCALITY: India (Tamil Nadu) [H (lost) in KBIN].

DISTRIBUTION: **Oriental**: India (Andaman Is, Kashmir, Tamil Nadu), Bangladesh, Pakistan, Sri Lanka, Thailand.

**lepidulus**

*Thyridanthrax lepidulus* Austen, 1937: 157. TYPE LOCALITY: Israel [4S in BMNH\*].

DISTRIBUTION: **Palaearctic**: Israel.

**leucotaeniatus**

*Thyridanthrax leucotaeniatus* Engel, 1936d: 539. TYPE LOCALITY: Egypt & Sudan [3S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaearctic**: Egypt.

**lloydi**

*Villa lloydi* Austen, 1914: 92. TYPE LOCALITY: "Northern Rhodesia" [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Tanzania, Zambia, Zimbabwe.

**lugens**

*Anthrax lugens* Loew, 1860a: 91 [1860b: 292; 1860c: 220]. TYPE LOCALITY: "Cap. B. Sp." [= South Africa (Western Cape)] [2S in ZMHB\*].

*Thyridanthrax griseifrons* Hesse, 1956b: 580. TYPE LOCALITY: South Africa (Western Cape) [58S in SAMC].

*Thyridanthrax brevifacies* Hesse, 1956b: 582. TYPE LOCALITY: South Africa (KwaZulu-Natal) [98S in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Kenya, Namibia, South Africa (Free State, Eastern Cape, KwaZulu-Natal, Northern Cape, Western Cape), Tanzania, Zimbabwe.



**luteolus**

*Thyridanthrax luteolus* Bezzi, 1924a: 200. TYPE LOCALITY: “Kenya Colony” [= Kenya] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Namibia, Sudan, Tanzania, Uganda.

**macrops**

*Anthrax macrops* Portschinsky, 1887: 186. TYPE LOCALITY: Armenia [L designated by Zaitzev & Kandybina (1983: 27) in ZIS].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, Gruzia, Iran, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**melanchlaenus**

*Anthrax melanchlaenus* Loew, 1869b: 175. TYPE LOCALITY: Greece (Rhodes) & “Küsten Kleinasien” [= Greece, Syria, or Turkey] [12S in ZMHB\*].

*Thyridanthrax albicingulus* Austen, 1936: 193. TYPE LOCALITY: Cyprus & Lebanon [2S in BMNH\*].

*Thyridanthrax agnitionalis* Austen, 1937: 151. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, Cyprus, Greece (incl. Ithaca, Lesbos, Rhodes, Zakynthos), Gruzia, Iran, Israel, Italy, Lebanon, Portugal, Spain, Syria, Turkey.

**melanopleurus**

*Thyridanthrax melanopleurus* Bezzi, 1912: 626. TYPE LOCALITY: “North Nyasa” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Malawi.

**monticola**

*Thyridanthrax monticolus* Hesse, 1956b: 579. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**muscarius**

*Anthrax muscaria* Pallas in Wiedemann, 1818a: 13. TYPE LOCALITY: “australibus Rossiae” [= Russia (SET) (see Pont, 1995: 150)] [T in NMW (see Note 20)].

*Anthrax vagans* Loew, 1862a: 81. TYPE LOCALITY: Italy (Sicily) & Greece & “Kleinasien” [= Turkey] [21S in ZMHB\*; 2S in UMO\*].

*Anthrax squamifera* Jaenicke, 1867a: 67. TYPE LOCALITY: “Europe mer.” [= France or Spain] [S in SMFD].

*Anthrax marginalis* Bezzi in Becker, Bezzi, Bischof, Kertész, & Stein, 1903: 180. *Nomen nudum*. [Preoccupied by Wiedemann, 1820.]

*Anthrax marginalis* Loew in Kertész, 1909: 57. *Nomen nudum*. [Preoccupied by Wiedemann, 1820.]

*Hemipenthes vagans* var. *beckeri* Paramonov, 1927d: 164. TYPE LOCALITY: Not given [probably = Armenia] [S (lost) in SIZK].

*Thyridanthrax vagans* var. *unistriata* Engel, 1936d: 555. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

*Thyridanthrax innocens* Austen, 1936: 195. TYPE LOCALITY: Cyprus [2S in BMNH\*].

*Thyridanthrax amoenus* Austen, 1937: 155. TYPE LOCALITY: Israel (Gaza Strip) [5S in BMNH\*].

DISTRIBUTION: **Oriental:** Pakistan. **Palaeartic:** Afghanistan, Armenia, Austria, Azerbaijan, Croatia, Cyprus, Egypt, France (incl. Corsica), Germany, Gibraltar, Greece (incl. Corfu, Lesbos, Rhodes), Gruzia, Hungary, Iran, Israel (incl. Gaza Strip), Italy (incl. Sardinia, Sicily), Kyrgyz Republic, Macedonia, Moldova, Poland, Portugal, Romania, Russia (SET), Slovenia, Spain, Switzerland, SYRIA, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**negevensis**

*Exhyalanthrax negevensis* Zaitzev, 1999: 891. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic:** Israel.

**niveifrons**

*Thyridanthrax niveifrons* Hesse, 1956b: 567. TYPE LOCALITY: South Africa (Northern Cape) [3S in SAMC].

DISTRIBUTION: **Afrotropical:** Namibia, South Africa (Northern Cape).

**occidabruptus**

*Thyridanthrax occidabruptus* Bowden, 1964a: 108. TYPE LOCALITY: Nigeria [H in JB].

DISTRIBUTION: **Afrotropical:** Burundi, Cameroon, Ghana, Ivory Coast, Niger, Nigeria, Senegal.

**occiduus**

*Thyridanthrax occiduus* Hesse, 1956b: 589. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

**ogasawarensis**

*Anthrax ogasawarensis* Matsumura, 1916: 281. TYPE LOCALITY: Bonin Is [H in EIHU\*].

DISTRIBUTION: **Australasian/Oceanian:** Bonin Is. **Palaeartic:** Japan.

**parvus**

*Hemipenthes vagans* var. *parvus* Paramonov, 1927d: 164. TYPE LOCALITY: Armenia [S (lost) in SIZK].

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, Gruzia, Turkmenistan.

**perpusillus**

*Thyridanthrax perpusillus* Austen, 1937: 159. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic:** Israel, Syria.

**phileremus**

*Thyridanthrax phileremus* Hesse, 1956b: 561. TYPE LOCALITY: South Africa (Northern Cape) [10S in SAMC\*; 1S in BPBM\*].

DISTRIBUTION: **Afrotropical:** Namibia, South Africa (Northern Cape, Western Cape).

**pseudoflammiger**

*Thyridanthrax pseudoflammiger* Bezzi, 1924a: 197. TYPE LOCALITY: Yemen [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Chad, Eritrea, Yemen. **Palaeartic:** Saudi Arabia.

**recursus**

*Thyridanthrax recursus* Bowden, 1962b: 57. TYPE LOCALITY: Congo [H in MRAC].

DISTRIBUTION: **Afrotropical:** Congo.

**resculus**

*Thyridanthrax resculus* François, 1968c: 209. TYPE LOCALITY: India (Tamil Nadu) [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Tamil Nadu).

**salutaris**

*Thyridanthrax salutaris* Austen, 1929: 154. TYPE LOCALITY: “Nyasaland Protectorate” [= Malawi] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Zimbabwe.

**semilautus**

*Thyridanthrax semilautus* Hesse, 1956b: 599. TYPE LOCALITY: South Africa (Western Cape) [4S in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Western Cape).

**simmondsi**

*Thyridanthrax simmondsi* Hesse, 1956b: 586. TYPE LOCALITY: South Africa (Western Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**simonae**

*Thyridanthrax simonae* François, 1970a: 73. TYPE LOCALITY: Canary Is [H in KBIN\*].

DISTRIBUTION: **Palaeartic**: Canary Is.

**stigmulus**

*Anthrax stigmula* Klug, 1832, pl. 30, fig. 13. TYPE LOCALITY: Egypt [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Egypt, Gruzia, Iran.

**stylicornis**

*Thyridanthrax stylicornis* Hesse, 1956b: 600. TYPE LOCALITY: South Africa (Western Cape) [29S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape, Western Cape).

**thyridus**

*Thyridanthrax thyridus* Hesse, 1956b: 596. TYPE LOCALITY: South Africa (Western Cape) [1S in NMSA\*; 34S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**timurensis**

*Hemipenthes timurensis* Paramonov, 1927d: 190 TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**transiens**

*Thyridanthrax transiens* Bezzi, 1921a: 134. TYPE LOCALITY: “S. Rhodesia” [= Zimbabwe] [H in SAMC].

*Thyridanthrax transiens* Bezzi, 1924a: 203. TYPE LOCALITY: “N. Nyasa” [= Malawi] [7S in BMNH\*]. [Preoccupied by Bezzi, 1921.]

DISTRIBUTION: **Afrotropical**: Botswana, Kenya, Malawi, Mozambique, Namibia, South Africa (Eastern Cape, KwaZulu-Natal, “Transvaal”), Swaziland, Tanzania, Uganda, Zambia, Zimbabwe.

**transitus**

*Thyridanthrax transitus* Bowden, 1964a: 113. TYPE LOCALITY: “Ashanti” [= Ghana] [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana, Nigeria.

**triangularis**

*Thyridanthrax triangularis* Bezzi, 1924a: 195. TYPE LOCALITY: Yemen [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen. **Palaeartic**: Saudi Arabia.

**unicolor**

*Anthrax unicolor* Becker, 1902: 24. TYPE LOCALITY: Egypt [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt, Israel, Syria.

**uroganus**

*Thyridanthrax uroganus* Hesse, 1956b: 564. TYPE LOCALITY: South Africa (Western Cape) [11S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**vicinalis**

*Thyridanthrax vicinalis* Hesse, 1956b: 595. TYPE LOCALITY: South Africa (Western Cape) [7S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**viduatus**

*Anthrax viduata* Loew, 1860a: 91 [1860b: 293; 1860c: 221]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**vitripennis**

*Thyridanthrax vitripennis* Lindner, 1975: 18. TYPE LOCALITY: Iran [2S in SMNS].

DISTRIBUTION: **Palaeartic**: Iran.

**volkovitshi**

*Exhyalanthrax volkovitshi* Zaitzev, 1999: 894. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel.

**zinnii**

*Thyridanthrax zinnii* Hesse, 1956b: 568. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

Genus **HEMIPENTHES** Loew

**HEMIPENTHES** Loew, 1869c: 28 [1872c: 142]. Type species: *Musca morio* Linnaeus, 1758, by subsequent designation (Coquillett, 1894a: 90).

**ISOPENTHES** Osten Sacken, 1886a: 80, 96. Type species: *Isopenthes jaenickeana* Osten Sacken, 1886, by subsequent designation (Coquillett, 1910b: 556).

**albus**

*Hemipenthes albus* Avalos-Hernandez, 2009: 8. TYPE LOCALITY: Mexico (Chihuahua) [H in BPBM\*].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua).

**apiculata**

*Hemipenthes apiculata* Yang, Yao & Cui, 2012: 106. TYPE LOCALITY: China (Nei Mongol) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Beijing, Nei Mongol, Ningxia, Tianjin).

**beijingensis**

*Hemipenthes beijingensis* Yao, Yang & Evenhuis, 2008: 6. TYPE LOCALITY: China (Beijing) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Beijing, Hebei).

**bigradata**

*Anthrax bigradata* Loew, 1869c: 23 [1872c: 137]. TYPE LOCALITY: Cuba [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (California, New Mexico). **Neotropical**: Cuba, Bahamas, Jamaica, Puerto Rico.

**blanchardiana**

*Exoprosopa blanchardiana* Jaenicke, 1867b: 341 [1868: 33]. TYPE LOCALITY: “Mejico” [S (lost) in HLMD].

DISTRIBUTION: **Nearctic**: Mexico (Distrito Federal, Guanajuato, Guerrero, México, Puebla, Sonora), USA (Arizona, California, Texas).

**castanipes**

*Hemipenthes castanipes* Bigot, 1892: 350. TYPE LOCALITY: “Amérique du Nord” [= Nearctic] [L designated by Painter & Painter (1962: 87) in BMNH\*].

DISTRIBUTION: **Nearctic**: “Amérique du Nord”.

**catulina**

*Anthrax catulina* Coquillett, 1894a: 100. TYPE LOCALITY: USA (California & Washington) [4S (lost) in USNM].

DISTRIBUTION: **Nearctic**: USA (California, Colorado, Idaho, Illinois, Indiana, Iowa, Michigan, Minnesota, Montana, New Jersey, New Mexico, New York, Ohio, Pennsylvania, Utah, Washington, Wisconsin, Wyoming).

**caucasica**

*Hemipenthes hamifera* ssp. *caucasica* Zaitzev, 1966a: 199. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Iran.

**celeris**

*Anthrax celeris* Wiedemann, 1828: 310. TYPE LOCALITY: USA (Kentucky) [2S in NMW].

*Anthrax floridana* Macquart, 1850: 416(112). TYPE LOCALITY: USA (Florida) [H in BMNH\*].

*Anthrax sagata* Loew, 1869c: 21 [1872c: 135]. TYPE LOCALITY: Mexico (Tamaulipas) [L designated by Evenhuis (1982b: 16) in MCZ\*].

*Anthrax orbitalis* Williston, 1901: 282. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 120) in BMNH\*].

*Villa pima* Painter in Painter & Painter, 1962: 92. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

*floridana*, incorrect original spelling of *floridana* [Macquart, 1850: 470(166)].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos, Puebla, Sinaloa, Sonora, Tamaulipas), USA (Arizona, Florida, Georgia, Kentucky, Mississippi, Missouri, New Mexico, Texas). **Neotropical**: Costa Rica, Honduras, Panama.

**cheni**

*Hemipenthes cheni* Yao, Yang & Evenhuis, 2008: 8. TYPE LOCALITY: China (Nei Monggol) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol, Ningxia).

**chimaera**

*Anthrax chimaera* Osten Sacken, 1886b: 114 (key) [1887a: 131]. TYPE LOCALITY: Not given [= Mexico (Sonora) (see Osten Sacken, 1887a: 131) [L designated by Painter & Painter (1962: 96) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Sonora), USA (Arizona).

**comanche**

*Villa comanche* Painter in Painter & Painter, 1962: 96. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Colorado, Nevada, New Mexico, Utah).

**constituta**

*Anthrax constituta* Walker, 1852: 189. TYPE LOCALITY: "South America" [H in BMNH\*].

DISTRIBUTION: **Neotropical**: South America.

**curta**

*Anthrax curta* Loew, 1869c: 22 [1872c: 136]. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Colima, Guerrero, Jalisco, Morelos, Nuevo León, Sinaloa, Veracruz-Llave), USA (Arizona, California, New Mexico, Texas). **Neotropical**: Mexico (Oaxaca, Yucatán).

**differens**

*Villa differens* Hall, 1976a: 249. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**discolor**

*Villa discolor* Hall, 1976a: 251. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**ditaenia**

*Anthrax ditaenia* Wiedemann, 1828: 283. TYPE LOCALITY: "Montivideo in Brasilien" [= Uruguay] [L designated by Painter & Painter (1974: 199) in NMW].

*Exoprosopa maldonadensis* Macquart, 1850: 411(107). TYPE LOCALITY: Uruguay [H in MNHN\*].

*maldanensis*, error for *maldonadensis*.

DISTRIBUTION: **Neotropical**: Argentina, Chile, Peru, Uruguay.

**divisa**

*Anthrax divisa* Walker, 1852: 190. TYPE LOCALITY: "South America" [H in BMNH\*].

DISTRIBUTION: **Neotropical**: South America.

**dominicana**

*Hemipenthes dominicana* Evenhuis, 2013: 282. TYPE LOCALITY: Dominican Republic (Miocene) [A] [H in OSAC].

DISTRIBUTION: **Neotropical**: Dominican Republic.

**edwardsii**

*Anthrax edwardsii* Coquillett, 1894b: 102. TYPE LOCALITY: USA (California) & Canada (British Columbia) [4S in AMNH\*; 1S in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (California).

**edwardsi**

*Villa edwardsi* Oldroyd, 1938: 86. TYPE LOCALITY: Chile [H in BMNH\*].

*Hemipenthes edwardsi* Stuardo Ortiz, 1946: 94 (unjustified emendation of *Villa edwardsi* Oldroyd, 1938).

*Villa oldroydi* Hall in Painter & Painter, 1974: 256 [1976a: 253] (unnecessary new replacement name for *Villa edwardsi* Oldroyd, 1938; which is not preoccupied by *Anthrax edwardsii* Coquillett, 1894).

DISTRIBUTION: **Neotropical**: Chile.

**epilais**

*Anthrax epilais* Wiedemann, 1828: 307. TYPE LOCALITY: “Brasilien” [= Brazil or Uruguay] [1S in NMW; 2S in ZMHB\*].

DISTRIBUTION: **Neotropical**: “Brasilien” [= Brazil or Uruguay].

**ethiops**

*Hemipenthes ethiops* Greathead, 1967: 252. TYPE LOCALITY: Ethiopia [H in BMNH\*].  
*aethiops*, error for *ethiops*.

DISTRIBUTION: **Afrotropical**: Ethiopia.

**eversmanni**

*Hemipenthes eversmanni* Zaitzev, 1966a: 171. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaearctic**: Kazakhstan, Moldova, Russia (SET), Ukraine.

**exoprosopoides**

*Hemipenthes exoprosopoides* Paramonov, 1928a: 285(107). TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, China (Sichuan), Iran, Israel, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**extensa**

*Exoprosopa extensa* Wulp, 1888: 367. TYPE LOCALITY: Argentina [T (destroyed) in ZMAN (R.H. Painter, *in litt.*)].

DISTRIBUTION: **Neotropical**: Argentina.

**gabbroensis**<sup>†</sup>

*Anthrax gabbroensis* Handlirsch, 1907c: 1011. TYPE LOCALITY: Italy (Miocene) [C] [H in NMW].

DISTRIBUTION: **Palaearctic**: Italy (Miocene).

**galapagensis**

*Anthrax lateralis* Thomson, 1869: 482. TYPE LOCALITY: Galapagos Is [2S in NHRS]. [Preoccupied by Say, 1823.]

*Villa galapagensis* Painter & Painter, 1974: 222 (new replacement name for *Anthrax lateralis* Thomson, 1869).

DISTRIBUTION: **Neotropical**: Galapagos Is.

**galathea**

*Anthrax galathea* Osten Sacken, 1886b: 123. TYPE LOCALITY: Costa Rica [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Costa Rica.

**gaudanica**

*Hemipenthes gaudanicus* Paramonov, 1927d: 166. TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: China (Xinjiang), Iran, Kyrgyz Republic, Mongolia, Tajikistan, Turkmenistan, Uzbekistan.

**gayi**

*Anthrax gayi* Macquart, 1840: 66 [1841: 344]. TYPE LOCALITY: Chile [L designated by Evenhuis & Greathead (1999: 647) in MNHN\*].

*Anthrax lemniscata* Philippi, 1865: 664. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical**: Chile.

**gussakovskyi**

*Hemipenthes gussakovskyi* Zaitzev, 1966a: 201. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan.

**hamifera**

*Anthrax hamifera* Loew, 1854: 2. TYPE LOCALITY: "Sibirien" [= Russia (ES or WS)] [1S in UMO\*; 4S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Bulgaria, China (Jiangsu, Nei Monggol, Xinjiang), France, Greece, Gruzia, Iran, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Mongolia, Russia (ES, WS), Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**hebeiensis**

*Hemipenthes hebeiensis* Yao, Yang & Evenhuis, 2008: 11. TYPE LOCALITY: China (Hebei) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Beijing, Hebei, Nei Monggol, Ningxia).

**ignea**

*Anthrax ignea* Macquart, 1846: 241(113). TYPE LOCALITY: "Colombie" [= Colombia, Ecuador, or Venezuela] [L designated by Painter & Painter (1974: 233) in BMNH\*].

DISTRIBUTION: **Neotropical**: Colombia, Guyana, Panama.

**incisiva**

*Anthrax incisiva* Walker, 1852: 187. TYPE LOCALITY: "North America" [2S in BMNH\*]. [Preoccupied by Macquart, 1847.]

*Villa incisiva* Painter in Painter & Painter, 1962: 112 (new replacement name for *Anthrax incisiva* Walker, 1852).

DISTRIBUTION: **Nearctic**: Mexico (Guerrero).

**inops**

*Anthrax inops* Coquillett, 1887c: 169. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Colorado, Oregon, Utah, Washington).

**jaennickeana**

*Isoptenthes jaennickeana* Osten Sacken, 1886a: 97. TYPE LOCALITY: USA (California) [L designated by Painter & Painter (1962: 113) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Morelos, Sonora), USA (Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Texas, Utah).



**jezoensis**

*Anthrax jezoensis* Matsumura, 1916: 280. TYPE LOCALITY: Japan [H in EIHU].

DISTRIBUTION: **Oriental:** Taiwan. **Palaeartic:** Japan.

**lepidota**

*Anthrax lepidota* Osten Sacken, 1886b: 115 (key) [1887a: 130]. TYPE LOCALITY: Mexico (Sonora) [T (lost) in BMNH (see Painter & Painter, 1962: 113)].

DISTRIBUTION: **Nearctic:** Canada (Alberta), Mexico (Baja California Norte, Baja California Sur, Chihuahua, Guerrero, Puebla, San Luis Potosí, Sonora, Tamaulipas), USA (Arizona, California, Colorado, Idaho, Louisiana, Nevada).

**leucocephala**

*Anthrax leucocephala* Wulp, 1882: 81. TYPE LOCALITY: Argentina [H in ZMAN].

DISTRIBUTION: **Neotropical:** Argentina.

**martinorum**

*Villa martinorum* Painter in Painter & Painter, 1962: 91. TYPE LOCALITY: Mexico (Michoacán de Ocampo) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Michoacán de Ocampo).

**maura**

*Musca maura* Linnaeus, 1758: 590. TYPE LOCALITY: “Europa” [1S in LSUK].

*Musca denigrata* Linnaeus, 1767: 981. TYPE LOCALITY: “Europa” [1S in LSUK].

*Nemotelvs nonvs* Schaeffer, 1768: pl. 76, fig. 7 [Unavailable; name proposed in a non-binominal work.]

*Musca hirsuta* Villers, 1789: 427. TYPE LOCALITY: “Gallia” [= France] [T in UNKN].

*Anthrax daemon* Panzer, 1797: 17. TYPE LOCALITY: Germany [T in UNKN].

*Anthrax bifasciata* Meigen, 1804: 209. TYPE LOCALITY: “Südrussland?” [L designated by Evenhuis & Greathead (1999: 645) in MNHN\*].

*Anthrax relata* Walker, 1852: 191. TYPE LOCALITY: Not given [= Palaeartic] [H in BMNH\*].

*Anthrax uncinus* Loew, 1869b: 171. TYPE LOCALITY: “nordöstliche Russland bis nach Sibirien” [= Russia (ES)] [1S in UMO\*; 4S in ZMHB\*].

*Hemipenthes maurus* var. *flavotomentosa* Paramonov, 1927d: 160, 168. TYPE LOCALITY: Ukraine [S (lost) in SIZK].

DISTRIBUTION: **Palaeartic:** Afghanistan, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, China (Beijing, Nei Monggol, Xinjiang), Croatia, Czech Republic, Denmark, Estonia, Finland, France (incl. Corsica), Germany, Greece, Gruzia, Hungary, Iran, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Luxemburg, Moldova, Mongolia, Netherlands, Norway, Poland, Portugal, Romania, Russia (CET, ES, FE, NET, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**melaleuca**

*Anthrax melaleuca* Wiedemann, 1828: 299. TYPE LOCALITY: “Montivideo in Brasilien” [= Argentina (from type specimen label data)] [H in ZMHB\*].

DISTRIBUTION: **Neotropical:** Argentina, Uruguay.

**melana**

*Hemipenthes melana* Bowden, 1965: 207. TYPE LOCALITY: Nepal [H in BMNH\*]. *melaena*, error for *melana*.

DISTRIBUTION: **Oriental:** Nepal.

**mesasiatica**

*Hemipenthes mesasiaticus* Zaitzev, 1962a: 69. TYPE LOCALITY: Uzbekistan [H in ZIS].

DISTRIBUTION: **Palaeartic:** Tajikistan, Turkey, Turkmenistan, Uzbekistan.

**micromelas**

*Anthrax micromelas* Bigot, 1892: 358. TYPE LOCALITY: “Chile” [error, = Argentina (see Painter & Painter, 1974: 244)] [H in BMNH\*].

*Villa guttilis* Bigot in Painter & Painter, 1974: 244. *Nomen nudum*.

DISTRIBUTION: **Neotropical:** Argentina.

**minas**

*Anthrax minas* Macquart, 1848: 193(33). TYPE LOCALITY: Brazil (Minas Gerais) [L designated by Painter & Painter (1974: 246) in BMNH\*].

DISTRIBUTION: **Neotropical:** Argentina, Brazil (Minas Gerais).

**mischanensis**

*Hemipenthes mischanensis* Paramonov, 1927d: 166. TYPE LOCALITY: Armenia [H in SIZK].

DISTRIBUTION: **Palaeartic:** Armenia.

**mongolica**

*Hemipenthes tusheticus* ssp. *mongolicus* Zaitzev, 1980: 418. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic:** Mongolia.

**montanorum**

*Thyridanthrax montanorum* Austen, 1936: 188. TYPE LOCALITY: China (Xizang) [H in BMNH\*].

DISTRIBUTION: **Oriental:** China (Yunnan). **Palaeartic:** China (Qinghai, Sichuan, Xizang).

**morio**

*Musca morio* Linnaeus, 1758: 590. TYPE LOCALITY: “Europa” [L designated by Evenhuis & Greathead (1999: 667) in LSUK\*].

*Nemotelvs septimvs* Schaeffer, 1768: pl. 76, fig. 7. [Unavailable; name proposed in a non-binominal work.]

*Musca bicolora* Sulzer, 1776: xxv. *Nomen nudum*.

*Anthrax semiatra* Hoffmannsegg in Wiedemann, 1818a: 11. *Nomen nudum*.

*Anthrax semiatra* Meigen, 1820: 157. TYPE LOCALITY: “In hiesiger Gegend” [= Germany] & “Russland” [4S in MNHN\*; S (destroyed) in NMW (see Note 18)].

*Anthrax morioides* Say, 1823: 42. TYPE LOCALITY: USA (Missouri) [T (destroyed) in ANSP (see Note 25)].

DISTRIBUTION: **Nearctic:** Canada (British Columbia), USA (Arizona, California, Illinois, Indiana, Iowa, Kansas, Maine, Michigan, Missouri, Nebraska, Nevada, New Mexico, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Washington, Wisconsin, Wyoming). **Oriental:** ?Thailand. **Palaeartic:** Afghanistan, Albania, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bulgaria, China (Xinjiang), Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France (incl. Corsica), Greece (incl. Corfu, Skiathos), Gruzia, Hungary, Iran, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Latvia, Lithuania, Macedonia, Moldova, Morocco, Netherlands, Poland, Romania, Russia (CET, ES, NET, SET, WS), Slovakia, Slovenia, Spain (incl. Mallorca), Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**neimengguensis**

*Hemipenthes neimengguensis* Yao, Yang & Evenhuis, 2008: 15. TYPE LOCALITY: China (Nei Monggol) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol).

**ningxiaensis**

*Hemipenthes ningxiaensis* Yao, Yang & Evenhuis, 2008: 17. TYPE LOCALITY: China (Ningxia) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Ningxia).

**nitidofasciata**

*Anthrax nitidofasciatus* Portschinsky, 1892: 208. TYPE LOCALITY: “Asia media” [probably = Russia] [H in ZIS].

DISTRIBUTION: **Palaeartic**: China (Beijing, Nei Monggol, Ningxia), Kyrgyz Republic, Russia, Tajikistan.

**noscibilis**

*Thyridanthrax noscibilis* Austen, 1936: 191. TYPE LOCALITY: China (Xizang) [4S in BMNH\*].

DISTRIBUTION: **Palaeartic**: China (Xizang).

**nudiuscula**

*Anthrax nudiuscula* Thomson, 1869: 482. TYPE LOCALITY: Panama [T in NHRS].

DISTRIBUTION: **Neotropical**: Panama.

**pamirensis**

*Hemipenthes pamirensis* Zaitzev, 1962a: 71. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: China (Qinghai), Mongolia, Tajikistan, Turkmenistan, Uzbekistan.

**panfilovi**

*Hemipenthes panfilovi* Zaitzev, 1981b: 125. TYPE LOCALITY: Russia (FE) [H in ZIS].

DISTRIBUTION: **Palaeartic**: Russia (FE).

**pauper**

*Villa pauper* Becker, 1916: 49. TYPE LOCALITY: Algeria [H in ZMHB\*].

*Thyridanthrax triradiatus* Bezzi in Rigato, 1995: 222. *Nomen nudum*.

DISTRIBUTION: **Palaeartic**: Algeria, Egypt.

**pleuralis**

*Anthrax pleuralis* Williston, 1901: 282. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Colima, Guerrero, Morelos, Nayarit, Puebla). **Neotropical**: Mexico (Chiapas).

**praecisa**

*Anthrax praecisus* Loew, 1869b: 174. TYPE LOCALITY: “Sibirien” [= Russia (FE) (from type specimen label data)] [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: China (Beijing, Hebei, Nei Monggol), Israel, Kyrgyz Republic, Mongolia, Russia (ES, FE, WS), Tajikistan, Turkmenistan, Uzbekistan.

**provincialis**<sup>†</sup>

*Anthrax provincialis* Handlirsch, 1907c: 1011. TYPE LOCALITY: France (Oligocene) [C] [H in NMW].

DISTRIBUTION: **Palaeartic**: France (Oligocene).

**pullata**

*Anthrax pullata* Coquillett, 1894a: 98. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California).

**referens**

*Anthrax referens* Walker, 1852: 189. TYPE LOCALITY: "East India" [= India] [2S in BMNH\*].

*Anthrax himalayensis* Brunetti, 1909b: 222. TYPE LOCALITY: India (Himachal Pradesh & Uttar Pradesh) [1S in BMNH\*; 8S in NZSI].

*Anthrax bidens* Bigot in Brunetti, 1909a: 223. [Unavailable; name proposed in synonymy with *Anthrax himalayensis* Brunetti and not made available before 1961.]

DISTRIBUTION: **Oriental:** India (Assam, Himachal Pradesh, Meghalaya, Uttar Pradesh), Myanmar, Pakistan.

**robusta**

*Hemipenthes robustus* Zaitzev, 1966a: 175. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, China (Beijing, Shaanxi), Gruzia, Iran, Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**ruficollis**

*Anthrax ruficollis* Bigot, 1892: 355. TYPE LOCALITY: Venezuela [H in BMNH\*].

DISTRIBUTION: **Neotropical:** Argentina, Venezuela.

**scylla**

*Anthrax scylla* Osten Sacken, 1887a: 132. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 123) in BMNH\*].

*Argyramoeba succincta* Coquillett, 1894a: 96. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guanajuato, Sonora), USA (Arizona, Texas).  
**Neotropical:** Venezuela.

**semifucata**

*Villa semifucata* Hall, 1976a: 257. TYPE LOCALITY: USA (Arizona) [H in MEUC\*].

DISTRIBUTION: **Nearctic:** USA (Arizona).

**seminigra**

*Hemipenthes seminigra* Loew, 1869c: 27 [1872c: 141]. TYPE LOCALITY: Canada (Saskatchewan) [H in MCZ\*].

*Anthrax eumenes* Osten Sacken, 1886b: 115 (key) [1887a: 131]. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 102) in BMNH\*].

DISTRIBUTION: **Nearctic:** Canada (Alberta, Saskatchewan), Mexico (Sonora), USA (Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington). **Neotropical:** Puerto Rico.

**sichuanensis**

*Hemipenthes sichuanensis* Yao & Yang, 2008: 66. TYPE LOCALITY: China (Sichuan) [H in CAU].

DISTRIBUTION: **Palaeartic:** China (Sichuan).

**sinuosa**

*Anthrax sinuosa* Wiedemann, 1821b: 244. TYPE LOCALITY: "Georgia americana" [= USA (Georgia)] [H in NMW].

*Anthrax nycthemera* Macquart, 1840: 67 [1841: 345]. TYPE LOCALITY: USA (Georgia) [H in MNHN\*]. [Preoccupied by Wiedemann, 1820.]

*Anthrax concisa* Macquart, 1840: 68 [1841: 346]. TYPE LOCALITY: USA (“Caroline”) [H in MNHN\*].

*Anthrax assimilis* Macquart, 1846: 242(114). TYPE LOCALITY: USA (Texas) [T in UNKN (originally in Pilate Collection)].

DISTRIBUTION: **Nearctic**: USA (Alabama, Arizona, Arkansas, Connecticut, Delaware, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Vermont, Virginia, West Virginia, Wisconsin).

### splendida

*Hemipenthes splendidus* Zaitzev, 1962a: 66. TYPE LOCALITY: Kyrgyz Republic [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Kyrgyz Republic, Tajikistan, Turkmenistan.

### subarcuata

*Anthrax subarcuata* Loew, 1871: 208 [1872b: 56]. TYPE LOCALITY: Tajikistan [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Tajikistan, Tunisia.

### subvelutina

*Hemipenthes subvelutinus* Zaitzev, 1966a: 187. TYPE LOCALITY: Gruzia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, China (Shandong), Gruzia, Iran, Mongolia, Kazakhstan, Kyrgyz Republic, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

### tarapacensis

*Villa tarapacensis* Hall, 1976a: 258. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

### tenuirostris

*Anthrax tenuirostris* Macquart, 1850: 416(112). TYPE LOCALITY: “Amérique méridionale” [= South America] [H in BMNH\*].

*Villa porteri* Oldroyd, 1938: 85. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile, Peru.

### tertiaria<sup>†</sup>

*Anthrax terciaria* Handlirsch, 1907c: 1011. TYPE LOCALITY: Germany (Oligocene) [C] [H in NMW].

DISTRIBUTION: **Palaeartic**: Germany (Oligocene).

### translucens

*Hemipenthes translucens* Avalos-Hernandez, 2009: 41. TYPE LOCALITY: Mexico (Morelos) [H in MZFC].

DISTRIBUTION: **Nearctic**: Mexico (Morelos).

### tushetica

*Hemipenthes tusheticus* Zaitzev, 1966a: 195. TYPE LOCALITY: Gruzia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, China (Nei Monggol, Qinghai, Xinjiang), Gruzia, Iran.

**velutina**

*Anthrax bicincta* Wiedemann, 1818a: 12. *Nomen nudum*.

*Nemotelus melanio* Pallas in Wiedemann, 1818a: 12. *Nomen nudum*.

*Anthrax bicincta* Wiedemann in Meigen, 1820: 155. TYPE LOCALITY: "Dalmatien" [= Croatia] & "Oesterreich" & "südlichen Russland" [= Russia (SET)] [S in UNKN (originally in Germar Collection); S (destroyed) in NMW (see Note 18)].

*Anthrax velutina* Meigen, 1820: 160. TYPE LOCALITY: "Italien" & France [2S in MNHN\*].

*Anthrax nycthemera* Wiedemann in Meigen, 1820: 160. TYPE LOCALITY: "Rheine" [probably = Germany] [T (lost) in ZMHB].

*volutina*, error for *velutina*.

DISTRIBUTION: **Oriental:** Pakistan. **Palearctic:** Albania, Algeria, Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, China (Jiangsu, Nei Monggol, Qinghai, Xinjiang), Croatia, Cyprus, Czech Republic, Egypt, France (incl. Corsica), Germany, Greece (incl. Corfu, Lesbos, Zakynthos), Gruzia, Hungary, Iran, Israel (incl. West Bank), Italy (incl. Sardinia, Sicily), Kazakhstan, Lebanon, Macedonia, Moldova, Mongolia, Morocco, Poland, Portugal, Romania, Russia (SET), Slovakia, Slovenia, Spain (incl. Mallorca), Switzerland, Syria, Tunisia, Turkey, Turkmenistan, Ukraine, Yugoslavia.

**villeneuvei**

*Hemipenthes villeneuvei* François, 1970c: 203. TYPE LOCALITY: France [H in KBIN\*].

DISTRIBUTION: **Palearctic:** France, Greece, Italy.

**vockerothi**

*Hemipenthes vockerothi* François, 1969c: 150. TYPE LOCALITY: Spain [H in CNC\*].

DISTRIBUTION: **Palearctic:** Spain.

**webberi**

*Villa webberi* Johnson, 1919a: 11. TYPE LOCALITY: USA (Massachusetts) [H in MCZ\*].

DISTRIBUTION: **Nearctic:** Canada (Ontario, Quebec), USA (Connecticut, Kentucky, Massachusetts, Vermont, Wyoming).

**wilcoxi**

*Villa wilcoxi* Painter, 1933a: 15. TYPE LOCALITY: USA (Washington) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California, Washington).

**xizangensis**

*Hemipenthes xizangensis* Yang, Yao & Cui, 2012: 136. TYPE LOCALITY: China (Xizang) [H in SEMCAS].

DISTRIBUTION: **Oriental:** China (Xizang).

**yunnanensis**

*Hemipenthes yunnanensis* Yao & Yang, 2008: 66. TYPE LOCALITY: China (Yunnan) [H in CAU].

DISTRIBUTION: **Oriental:** China (Guangxi, Yunnan).

Genus **LAMINANTHRAX** Greathead

**LAMINANTHRAX** Greathead, 1967: 251. Type species: *Laminanthrax albus* Greathead, 1967 [= *Thyridanthrax chionophorus* Bezzi, 1925], by original designation.

**chionophorus**

*Thyridanthrax chionophorus* Bezzi, 1925: 231. TYPE LOCALITY: Egypt [S (destroyed) in ESEC (see Note 4); 4S in MSNM; 1S in DEI\*].

*Laminanthrax albus* Greathead, 1967: 252. TYPE LOCALITY: Yemen [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia, Yemen. **Palaeartic**: Egypt.

**olgae**

*Laminanthrax olgae* Zaitzev, 1999: 895. TYPE LOCALITY: Israel [H in ZIS].  
DISTRIBUTION: **Palaeartic**: Israel.

Genus **LEPIDANTHRAX** Osten Sacken

**LEPIDANTHRAX** Osten Sacken, 1886a: 76 [1886b: 107]. Type species: *Anthrax disjuncta* Wiedemann, 1830 (as “*disjunctus*”), by subsequent designation (Coquillett, 1910b: 559).

*PODOLEPIDA* Hull, 1973: 386 (as subgenus of *Lepidanthrax* Osten Sacken). Type species: *Lepidanthrax lutzi* Curran, 1930, by original designation.

**actios**

*Lepidanthrax actios* Hall, 1976b: 344. TYPE LOCALITY: USA (California) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: USA (California).

**agrestis**

*Anthrax agrestis* Coquillett, 1887c: 171. TYPE LOCALITY: USA (California) [1S in BYU; 1S in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (California, Idaho, Nevada, Utah).

**albifrons**

*Lepidanthrax albifrons* Roberts, 1928a: 131. TYPE LOCALITY: Australia (SA) [H in SAMA\*].  
DISTRIBUTION: **Australasian/Oceanian**: Australia (SA).

**angulus**

*Lepidanthrax angulus* Osten Sacken, 1886b: 111. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 127) in BMNH\*].  
DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Nevada).

**arizonensis**

*Lepidanthrax arizonensis* Hall, 1976b: 369. TYPE LOCALITY: USA (Arizona) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona).

**arnaudi**

*Lepidanthrax arnaudi* Hall, 1976b: 330. TYPE LOCALITY: USA (California) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: USA (California).

**borius**

*Lepidanthrax borius* Hall, 1976b: 353. TYPE LOCALITY: USA (California) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: USA (California).

**californicus**

*Lepidanthrax californicus* Hall, 1976b: 308. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (Arizona, California).

**calyptus**

*Lepidanthrax calyptus* Hall, 1976b: 347. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California).

**campestris**

*Anthrax campestris* Coquillett, 1887c: 161, 171. TYPE LOCALITY: USA (California) [3S in USNM\*].

*Epacmus rufolimbatus* Bigot, 1892: 359. TYPE LOCALITY: USA (California) [H in BMNH\*].

*campestris*, incorrect original spelling of *campestris* (Coquillett, 1887c: 171).

DISTRIBUTION: **Nearctic:** USA (California).

**capnopennis**

*Lepidanthrax capnopennis* Hall, 1976b: 324. TYPE LOCALITY: Mexico (Puebla) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Puebla).

**chalcus**

*Lepidanthrax chalcus* Hall, 1976b: 346. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Arizona, California).

**choristus**

*Lepidanthrax choristus* Hall, 1976b: 319. TYPE LOCALITY: Mexico (Sonora) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora).

**chrysus**

*Lepidanthrax chrysus* Hall, 1976b: 333. TYPE LOCALITY: Mexico (Sonora) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Sonora).

**coquilletti**

*Anthrax inaurata* Coquillett, 1887c: 170. TYPE LOCALITY: "Washington Territory" [= USA (Idaho or Washington)] & USA (California) [10S in USNM\*; 4S in BYU; 2S in INHS; 2S in MSNM]. [Preoccupied by Klug, 1832.]

*Lepidanthrax coquilletti* Evenhuis & Greathead, 1999: 453 (new replacement name for *Anthrax inaurata* Coquillett, 1887).

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Idaho, Nevada, Oregon, Washington).

**diaeretus**

*Lepidanthrax diaeretus* Hall, 1976b: 299. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California).



**diamphus**

*Lepidanthrax diamphus* Hall, 1976b: 317. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Arizona, Texas).

**disiunctus**<sup>2</sup>

*Anthrax disiuncta* Wiedemann, 1830: 639. TYPE LOCALITY: “Mexiko” [probably = Mexico (Oaxaca)] [2S in ZMHB\*; 1S in NMW].

*Lepidanthrax disiunctus* Painter & Painter, 1965: 440 (unjustified emendation of *Anthrax disiuncta* Wiedemann, 1830).

DISTRIBUTION: **Nearctic:** Mexico (Distrito Federal, Guerrero, Veracruz-Llave), USA (Arizona). **Neotropical:** Mexico (Oaxaca).

**ellipus**

*Lepidanthrax ellipus* Hall, 1976b: 345. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (California).

**eremicus**

*Lepidanthrax eremicus* Hall, 1976b: 368. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California).

**euthemus**

*Lepidanthrax euthemus* Hall, 1976b: 295. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (Arizona, California).

**exallus**

*Lepidanthrax exallus* Hall, 1976b: 325. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California).

**fuscipennis**

*Lepidanthrax fuscipennis* Hall, 1976b: 304. TYPE LOCALITY: Mexico (Oaxaca) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Jalisco). **Neotropical:** Mexico (Oaxaca).

**hesperus**

*Lepidanthrax hesperus* Hall, 1976b: 351. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Coahuila, Sinaloa, Sonora), USA (Arizona, California, New Mexico, Texas).

**homologus**

*Lepidanthrax homologus* Hall, 1976b: 362. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California).

**hyalinipennis**

*Lepidanthrax hyalinipennis* Cole, 1923: 307. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Baja California Sur, Sonora, Tiburón I), USA (Arizona, California, Nevada).

**hypomelus**

*Lepidanthrax hypomelus* Hall, 1976b: 298. TYPE LOCALITY: USA (California) [H in CAS\*].

*hypomelas*, error for *hypomelus*.

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Colorado).

**hyposcelus**

*Lepidanthrax hyposcelus* Hall, 1976b: 315. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos, Puebla).

**indecisus**

*Lepidanthrax indecisus* Curran, 1930a: 4. TYPE LOCALITY: Mexico (Guerrero) [H (lost?) in AMNH].

DISTRIBUTION: **Nearctic**: Mexico (Guanajuato, Guerrero, Hidalgo, Michoacán de Ocampo, Morelos).

**lautus**

*Anthrax lauta* Coquillett, 1887c: 171. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California).

**leucocephalus**

*Lepidanthrax leucocephalus* Hall, 1976b: 336. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**linguatus**

*Lepidanthrax linguata* Roberts, 1928a: 130. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**linsdalei**

*Lepidanthrax linsdalei* Hall, 1976b: 367. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California, Idaho).

**litus**

*Lepidanthrax litus* Hall, 1976b: 325. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero, Morelos).

**lutzi**

*Lepidanthrax lutzi* Curran, 1930a: 2. TYPE LOCALITY: USA (Arizona) [H in AMNH\*].

*Lepidanthrax morna* Curran, 1930a: 3. TYPE LOCALITY: USA (Arizona) [H in AMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Morelos), USA (Arizona, New Mexico, Texas).

**meristus**

*Lepidanthrax meristus* Hall, 1976b: 354. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**mimus**

*Lepidanthrax mimus* Hall, 1976b: 343. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California, Idaho).

### **morphnus**

*Lepidanthrax morphnus* Hall, 1976b: 314. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guanajuato, Morelos, San Luis Potosí, Sonora), USA (Arizona).

### **oribates**

*Lepidanthrax oribates* Hall, 1976b: 334. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California, Colorado, Idaho, Nevada, Oregon, Utah, Washington).

### **painterorum**

*Lepidanthrax painterorum* Hall, 1976b: 311. TYPE LOCALITY: Mexico (Nuevo León) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Nuevo León, San Luis Potosí).

### **panamensis**

*Lepidanthrax panamensis* Curran, 1930a: 5. TYPE LOCALITY: Panama [H in AMNH\*].

DISTRIBUTION: **Neotropical:** Costa Rica, El Salvador, Panama.

### **periphanus**

*Lepidanthrax periphanus* Hall, 1976b: 327. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero).

### **peristigus**

*Lepidanthrax peristigus* Hall, 1976b: 337. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos, Sinaloa).

### **photinus**

*Lepidanthrax photinus* Hall, 1976b: 355. TYPE LOCALITY: Mexico (Puebla) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos, Puebla).

### **proboscideus**

*Anthrax proboscideus* Loew, 1869c: 17 [1872c: 131]. TYPE LOCALITY: Mexico (Sonora) [H in MCZ\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Baja California Sur, Coahuila, Durango, Guerrero, Morelos, Sonora), USA (Arizona, California, Nevada, New Mexico, Utah). **Neotropical:** El Salvador.

### **rauchi**

*Lepidanthrax rauchi* Hall, 1976b: 305. TYPE LOCALITY: Mexico (Sinaloa) [H in CAS\*].

DISTRIBUTION: **Nearctic:** Mexico (Durango, Guanajuato, Hidalgo, Sinaloa, Veracruz-Llave), USA (Arizona).

### **salvadorensis**

*Lepidanthrax salvadorensis* Hall, 1976b: 322. TYPE LOCALITY: El Salvador [H in CAS].

DISTRIBUTION: **Neotropical:** El Salvador.

**sonorensis**

*Lepidanthrax sonorensis* Hall, 1976b: 321. TYPE LOCALITY: Mexico (Sonora) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Arizona).

**stichus**

*Lepidanthrax stichus* Hall, 1976b: 304. TYPE LOCALITY: USA (Arizona) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (Arizona).

**symmachus**

*Lepidanthrax symmachus* Hall, 1976b: 297. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California).

**tinctus**

*Anthrax tincta* Thomson, 1869: 483. TYPE LOCALITY: Galapagos Is [4S in NHRS; 1S in ZMHB\*].

*Anthrax brachialis* Thomson, 1869: 484. TYPE LOCALITY: Galapagos Is [H in NHRS].

*Anthrax quinquepunctata* Thomson, 1869: 484 (as “*quinque-punctata*”). TYPE LOCALITY: Panama [T in NHRS].

DISTRIBUTION: **Neotropical:** Galapagos Is, Panama, ?Peru.

**utahensis**

*Lepidanthrax utahensis* Hall, 1976b: 331. TYPE LOCALITY: USA (Utah) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Utah).

Genus **MANCIA** Coquillett

**MANCIA** Coquillett, 1886b: 159. Type species: *Mancia nana* Coquillett, 1886, by monotypy.

**nana**

*Mancia nana* Coquillett, 1886b: 159. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 666) in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

Genus **MARLEYIMYIA** Hesse

**MARLEYIMYIA** Hesse, 1956b: 521, Type species: *Marleyimyia natalensis* Hesse, 1956, by original designation.

**goliath**

*Oestranthrax goliath* Oldroyd, 1951: 49. TYPE LOCALITY: Malaysia (Peninsular) [H in BMNH\*].

DISTRIBUTION: **Oriental:** Malaysia (Peninsular).

**natalensis**

*Marleyimyia natalensis* Hesse, 1956b: 522. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC\*].

DISTRIBUTION: **Afrotropical:** South Africa (KwaZulu-Natal).

Genus **NEODIPLOCAMPTA** Curran

**NEODIPLOCAMPTA** Curran, 1934b: 193, 200. Type species: *Diplocampta roederi* Curran, 1931, by original designation.

Subgenus **AGITONIA** Hull

**AGITONIA** Hull, 1966: 225. Type species: *Neodiplocampta sepia* Hull, 1966, by original designation.

**sepia**

*Neodiplocampta sepia* Hull, 1966: 225. TYPE LOCALITY: Brazil (Santa Catarina) [H in CNC\*].

DISTRIBUTION: **Nearctic**: Mexico (Morelos). **Neotropical**: Brazil (Santa Catarina).

Subgenus **NEODIPLOCAMPTA** Curran**astrella**

*Neodiplocampta astrella* Hull & Martin, 1974: 342. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona).

**brasiliana**

*Neodiplocampta brasiliana* Hull & Martin, 1974: 331. TYPE LOCALITY: Brazil (Goiás) [H in LACM\*].

DISTRIBUTION: **Neotropical**: Brazil (Goiás), Venezuela.

**caliginosa**

*Neodiplocampta caliginosa* Tabet & Hall, 1987: 154. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic**: USA (California).

**decemmacula**

*Anthrax decemmacula* Walker, 1857: 139. TYPE LOCALITY: “Valley of the Amazon” [= Brazil (Amazonas or Pará)] [1S in BMNH\*; 1S in MVMA].

DISTRIBUTION: **Neotropical**: Brazil (Amazonas or Pará).

**garaguaya**

*Neodiplocampta garaguaya* Hull & Martin, 1974: 333. TYPE LOCALITY: Brazil (Goiás, Matto Grosso, or Pará) [H in CNC\*].

DISTRIBUTION: **Neotropical**: Brazil (Goiás, Matto Grosso, or Pará).

**krombeini**

*Neodiplocampta krombeini* Hull & Martin, 1974: 329. TYPE LOCALITY: Mexico (Veracruz-Llave) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Veracruz-Llave). **Neotropical**: Guatemala.

**laurella**

*Neodiplocampta laurella* Hull & Martin, 1974: 344. TYPE LOCALITY: Brazil (Santa Catarina) [H in CNC\*].

DISTRIBUTION: **Neotropical**: Brazil (Santa Catarina).

**mira**

*Anthrax mira* Coquillett, 1887c: 179. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 649) in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Baja California Sur, Durango, Guerrero, San Luis Potosí, Sinaloa, Sonora), USA (Arizona, California, Colorado, Florida, Nevada, New Mexico, Oklahoma, Texas, Utah).

**miranda**

*Neodiplocampta miranda* Hull & Martin, 1974: 335. TYPE LOCALITY: USA (Florida) [H in CNC\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, San Luis Potosí, Sinaloa, Sonora), USA (Arizona, California, Florida, Texas). **Neotropical:** Nicaragua.

**mirella**

*Neodiplocampta mirella* Hull & Martin, 1974: 337. TYPE LOCALITY: USA (California) [H in CNC\*].

DISTRIBUTION: **Nearctic:** USA (California).

**painteri**

*Neodiplocampta painteri* Hull & Martin, 1974: 343. TYPE LOCALITY: Jamaica [H in USNM\*].

DISTRIBUTION: **Neotropical:** Jamaica.

**paradoxa**

*Anthrax paradoxa* Jaenicke, 1867b: 339 [1868: 31]. TYPE LOCALITY: “Mejico” [T (lost) in HLMD; N designated by Hull & Martin (1974: 232) invalid (see Appendix 1)].

*Neodiplocampta paradoxa* ssp. *azteca* Hull & Martin, 1974: 324. TYPE LOCALITY: Guatemala [L designated by Evenhuis & Greathead (1999: 667) in USNM\*].

*Neodiplocampta paradoxa* ssp. *ixta* Hull & Martin, 1974: 324. TYPE LOCALITY: Honduras [L designated by Evenhuis & Greathead (1999: 667) in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero). **Neotropical:** Costa Rica, Guatemala, Honduras, Panama.

**parva**

*Exoprosopa parva* Loew, 1869c: 17 [1872c: 131]. TYPE LOCALITY: Cuba [L designated by Evenhuis (1982b: 15) in MCZ\*].

DISTRIBUTION: **Neotropical:** Bahamas, Cuba, Jamaica.

**roederi**

*Diplocampta roederi* Curran, 1931: 8. TYPE LOCALITY: Puerto Rico [H in AMNH\*].

DISTRIBUTION: **Neotropical:** British Virgin Is, Puerto Rico, U.S. Virgin Is.

**spiloptera**

*Anthrax spiloptera* Wiedemann, 1828: 316. TYPE LOCALITY: “Brasilien” [= Brazil (from type specimen label data)] [H in ZMHB\*].

DISTRIBUTION: **Neotropical:** Brazil (Goiás).

Genus **OESTRANTHRAX** Bezzi

**OESTRANTHRAX** Bezzi, 1921a: 130, 172 [1923b: 326]. Type species: *Anthrax obesa* Loew, 1863, by original designation.

**alfierii**

*Oestranthrax obesus* ssp. *alfierii* Paramonov, 1931b: 101(101). TYPE LOCALITY: Egypt [H (destroyed) in PPDD (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt.

**arabicus**

*Oestranthrax arabicus* Paramonov, 1931b: 95(95). TYPE LOCALITY: Yemen [H (destroyed) in ZMUH (see Note 6)].

DISTRIBUTION: **Afrotropical**: Yemen.

**brunnescens**

*Anthrax brunnescens* Loew, 1857b: 81. TYPE LOCALITY: “Syrien” [= Lebanon or Syria] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt, Israel, Kyrgyz Republic, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

**disparilis**

*Oestranthrax disparilis* Hesse, 1956b: 515. TYPE LOCALITY: “eastern part or north-eastern parts of the Union” [probably = South Africa (Northern Province, Mpumalanga, or KwaZulu-Natal)] [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (KwaZulu-Natal).

**farinosus**

*Oestranthrax farinosus* Johnson & Maughan, 1953: 18. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Utah).

**karavajevi**

*Oestranthrax karavajevi* Paramonov, 1931b: 99(99). TYPE LOCALITY: “Dagestan” [= Russia (SET)] [H in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Kyrgyz Republic, Moldova, Russia (SET), Turkey, Ukraine.

**melanothrix**

*Oestranthrax melanothrix* Miksch, 1991: 1. TYPE LOCALITY: Greece [H in SMNS].

DISTRIBUTION: **Palaeartic**: Greece, Turkey.

**myrmecaeluri**

*Oestranthrax myrmecaeluri* Miksch, 1993: 1. TYPE LOCALITY: Greece [H in SMNS].

DISTRIBUTION: **Palaeartic**: Greece.

**nartshukae**

*Oestranthrax nartshukae* Zaitzev, 1976b: 497. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**obesus**

*Anthrax obesa* Loew, 1863a: 14. TYPE LOCALITY: South Africa (Free State) [H in UNKN (sold at auction)].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Free State), ?Zambia, Zimbabwe.

**pallifrons**

*Oestranthrax pallifrons* Bezzi, 1926b: 83. TYPE LOCALITY: Libya [S (destroyed) in ESEC (see Note 4); 1S in MSNM].

DISTRIBUTION: **Palaeartic**: Libya, Spain.

**pix**

*Oestranthrax pix* Speiser, 1924: 97. TYPE LOCALITY: Tanzania [T (destroyed) in PSPC (see Evenhuis, 1997: 741–42)].

DISTRIBUTION: **Afrotropical**: Tanzania.

**rubriventris**

*Oestranthrax rubriventris* Paramonov, 1934c: 6. TYPE LOCALITY: Turkmenistan [L designated by Zaitzev & Kandybina (1983: 35) in SIZK].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan.

**speiserianus**

*Oestranthrax speiserianus* Bezzi, 1923b: 327 [1924a: 191 (key only)]. TYPE LOCALITY: Kenya [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: Kenya.

**zimini**

*Oestranthrax zimini* Paramonov, 1933b: 5. *Nomen nudum*.

*Oestranthrax zimini* Paramonov, 1934c: 5. TYPE LOCALITY: Kyrgyz Republic [L designated by Zaitzev & Kandybina (1983: 41) in ZIS].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol), Kyrgyz Republic, Mongolia, Tajikistan, Turkmenistan, Uzbekistan.

Genus **OESTRIMYZA** Hull

**OESTRIMYZA** Hull, 1973: 411. Type species: *Oestrimyza fenestrata* Hull, 1973, by original designation.

**fenestrata**

*Oestrimyza fenestrata* Hull, 1973: 411. TYPE LOCALITY: Not given [= Brazil (Santa Catarina) (from type specimen label data)] [H in USNM\*].

DISTRIBUTION: **Neotropical**: Brazil (Santa Catarina).

Genus **PACHYANTHRAX** François

**PACHYANTHRAX** François, 1964c: 929. Type species: *Pachyanthrax villiersi* François, 1964, by original designation.

**albosegmentatus**

*Thyridanthrax albosegmentatus* Engel, 1936d: 528. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic**: Egypt, Saudi Arabia.

**circe**

*Anthrax circe* Klug, 1832: pl. 30, fig. 12. TYPE LOCALITY: “Aegyptus superior” [= Egypt] [2S in ZMHB\*].

DISTRIBUTION: **Oriental**: Pakistan. **Palaeartic**: Egypt, Saudi Arabia, United Arab Emirates.

**cunamae**

*Thyridanthrax cunamae* Greathead, 1967: 261. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Kenya.



**fulvifacies**

*Thyridanthrax fulvifacies* Austen, 1937: 153. TYPE LOCALITY: Israel [H in BMNH\*].  
DISTRIBUTION: **Palaeartic**: Israel (incl. West Bank).

**laconae**

*Pachyanthrax laconae* Greathead, 1981: 320. TYPE LOCALITY: Greece [H in BMNH\*].  
*Thyridanthrax kolokotronis* Dils & Weyer, 1997: 25. TYPE LOCALITY: Greece [H in JDPC].  
DISTRIBUTION: **Palaeartic**: Greece, Italy.

**lutulentus**

*Thyridanthrax lutulentus* Bezzi, 1921b: 474. TYPE LOCALITY: “S.W. Protectorate” [= Namibia] [H in SAMC].  
DISTRIBUTION: **Afrotropical**: Botswana, Namibia.

**nimrodicus**

*Pachyanthrax nimrodica* Zaitzev, 1999: 897. TYPE LOCALITY: Israel [H in ZIS].  
DISTRIBUTION: **Palaeartic**: Israel.

**nomadorum**

*Villa nomadorum* Greathead, 1970: 107. TYPE LOCALITY: Mauritania [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Mauritania, Nigeria, Yemen. **Palaeartic**: Morocco, United Arab Emirates.

**telamon**

*Exoprosopa telamon* Loew, 1869b: 218. TYPE LOCALITY: Greece (Kos) & “Smyrna” [= Turkey] [2S in ZMHB\*].  
*Hemipenthes loevi* Paramonov, 1928a: 285(107). TYPE LOCALITY: Turkmenistan & Armenia & Israel [2S in SIZK].  
*Pachyanthrax loevi* Zaitzev, 1989a: 154 (unjustified emendation of *Hemipenthes loevi* Paramonov, 1928).  
DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Cyprus, France, Greece (incl. Kos), Gruzia, Iran, Israel (incl. Gaza Strip, West Bank), Italy, Kyrgyz Republic, Syria, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**unctus**

*Anthrax unctus* Loew, 1869b: 169. TYPE LOCALITY: Greece (Rhodes) & “kleinasiatische Küste” [= Greece or Turkey] [15S in ZMHB\*; 1S in NMW\*; 1S in UMO\*].  
DISTRIBUTION: **Palaeartic**: Greece (incl. Rhodes), Italy, Turkey.

**velleris**

*Pachyanthrax velleris* Greathead, 1980b: 328. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].  
DISTRIBUTION: **Oriental**: ?India (Rajasthan). **Palaeartic**: Saudi Arabia.

**vetulus**

*Anthrax vetula* Wiedemann, 1828: 565. TYPE LOCALITY: “Nubien” [= Sudan] [H in SMFD].  
DISTRIBUTION: **Afrotropical**: Eritrea, Sudan.

**villiersi**

*Pachyanthrax villiersi* François, 1964c: 933. TYPE LOCALITY: Senegal [H in MNHN\*].  
DISTRIBUTION: **Afrotropical**: Niger, Senegal.

Genus **PARADIPOCAMPTA** Hall

**PARADIPOCAMPTA** Hall, 1975b: 110. Type species: *Paradiolocampta tabeti* Hall, 1975, by original designation.

**tabeti**

*Paradiolocampta tabeti* Hall, 1975b: 111. TYPE LOCALITY: USA (Arizona) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California).

Genus **PARANTHRAX** Bigot

**PARANTHRAX** Bigot, 1876a: 71 [1876b: lxvi]. Type species: *Anthrax rufiventris* Blanchard, 1854, by original designation.

**calogaster**

*Anthrax calogastra* Philippi, 1865: 672. TYPE LOCALITY: Chile [N designated by Hall (1976a: 217) in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

**rufiventris**

*Anthrax rufiventris* Blanchard, 1854: 382. TYPE LOCALITY: Chile [N designated by Hall (1976a: 219) in MEUC\*].  
*Anthrax chilensis* Philippi, 1865: 666. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].  
DISTRIBUTION: **Neotropical**: Chile.

Genus **PARAVILLA** Painter

**PARAVILLA** Painter, 1933a: 10 (as subgenus of *Villa* Lioy). Type species: *Villa edititoides* Painter, 1933, by original designation.

**acutula**

*Paravilla acutula* Hall in Tabet, 1979: 356. [Unavailable; name proposed in an unpublished thesis.]  
*Paravilla acutula* Hall, 1981a: 27. TYPE LOCALITY: USA (Kansas) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Durango), USA (Arizona, Colorado, Idaho, Kansas, Nebraska, Texas).

**albata**

*Paravilla albata* Hall, 1981a: 30. TYPE LOCALITY: USA (California) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California, Nevada, New Mexico).

**albicera**

*Paravilla albicera* Hall in Tabet, 1979: 357. [Unavailable; name proposed in an unpublished thesis.]  
*Paravilla albicera* Hall, 1981a: 32. TYPE LOCALITY: USA (Arizona) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Chihuahua), USA (Arizona, California, Idaho).

**apicola**

*Villa apicola* Cole, 1952: 128. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (Arizona, California, Idaho, Texas).

**aridula**

*Paravilla aridula* Hall, 1981a: 38. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California).

**borea**

*Paravilla borea* Hall, 1981a: 41. TYPE LOCALITY: Mexico (Chihuahua) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Canada (British Columbia), Mexico (Chihuahua, Durango, Guerrero, Hidalgo, Morelos, Nuevo León, San Luis Potosí, Sonora, Zacatecas), USA (Arizona, California, Colorado, New Mexico, Utah).

**californica**

*Paravilla californica* Hall, 1981a: 45. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Sonora), USA (Arizona, California, Nevada).

**castanea**

*Anthrax castanea* Jaenicke, 1867b: 338 [1868: 30]. TYPE LOCALITY: “Mejico” [T (lost) in HLMD].

*Anthrax hirsuta* Williston, 1901: 279. TYPE LOCALITY: Mexico (Guerrero) [H in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Distrito Federal, Guerrero, Hidalgo, Jalisco, México, Morelos, Puebla, Tlaxcala). **Neotropical:** Guatemala, Mexico (Oaxaca).

**cinerea**

*Villa cinerea* Cole, 1923: 299. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (Arizona).

**consul**

*Anthrax consul* Osten Sacken, 1886b: 125. TYPE LOCALITY: Guatemala [H in BMNH\*].

DISTRIBUTION: **Nearctic:** (Chihuahua, Durango, Jalisco, Michoacán de Ocampo, Morelos, Nuevo León, Sonora), USA (Arizona, New Mexico). **Neotropical:** Costa Rica, Guatemala, Mexico (Oaxaca).

**coquilletti**

*Anthrax obscura* Coquillett, 1894a: 99. TYPE LOCALITY: USA (California) [H in USNM\*]. [Preoccupied by Weber, 1801.]

*Villa coquilletti* Painter in Painter & Painter, 1965: 438 (new replacement name for *Anthrax obscura* Coquillett, 1894).

DISTRIBUTION: **Nearctic:** USA (California, Oregon).

**cunicula**

*Anthrax cunicula* Osten Sacken, 1886b: 125. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 101) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Sonora), USA (Arizona, California, Texas).

**deserta**

*Paravilla deserta* Hall in Tabet, 1979: 362. [Unavailable; name proposed in an unpublished thesis.]

*Paravilla deserta* Hall, 1981a: 61. TYPE LOCALITY: USA (Arizona) [H in USNM\*].  
DISTRIBUTION: **Nearctic:** Mexico (Chihuahua, Nuevo León, Sinaloa, Sonora), USA (Arizona, California, Colorado, Idaho, Montana, Nevada, Utah, Wyoming).

**diagonalis**

*Anthrax diagonalis* Loew, 1869c: 21 [1872c: 135]. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic:** Mexico (Chihuahua, Sonora), USA (Arizona, California, Kansas, New Mexico, Texas).

**edititoides**

*Villa edititoides* Painter, 1933a: 11. TYPE LOCALITY: USA (Colorado) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Canada (Saskatchewan), Mexico (Chihuahua, Durango, Jalisco, México, Zacatecas), USA (Arizona, Colorado, Idaho, Kansas, Montana, Nebraska, New Mexico, Oklahoma, Utah, Texas, Wyoming).

**eminens**

*Paravilla eminens* Hall, 1981a: 72. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos).

**emulata**

*Villa emulata* Painter in Painter & Painter, 1962: 103. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Colorado, New Mexico).

**epheba**

*Anthrax epheba* Osten Sacken, 1886b: 124. TYPE LOCALITY: Mexico (Puebla) [L designated by Painter & Painter (1962: 102) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Chihuahua, Distrito Federal, Durango, Guanajuato, Hidalgo, Jalisco, México, Morelos, Nuevo León, Puebla, Zacatecas), USA (Arizona, New Mexico). **Neotropical:** Honduras, Mexico (Oaxaca).

**eurhinata**

*Anthrax eurhinatus* Bigot, 1892: 355. TYPE LOCALITY: "Mexique" [H in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Durango). **Neotropical:** ?Honduras.

**extremities**

*Anthrax extremities* Coquillett, 1902b: 138. TYPE LOCALITY: Mexico (Chihuahua) [L designated by Evenhuis & Greathead (1999: 647) in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Aguascalientes, Chihuahua, Distrito Federal, Durango, Guerrero, México, Morelos, Puebla), USA (Colorado, New Mexico). **Neotropical:** Mexico (Oaxaca).

**flavipilosa**

*Villa flavipilosa* Cole, 1923: 303. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur, Nuevo León), USA (Arizona, California, Colorado, Texas).

**floridensis**

*Paravilla floridensis* Hall, 1981a: 83. TYPE LOCALITY: USA (Florida) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (?Connecticut, Florida).

**fulvicoma**

*Anthrax edititia* var. *fulvicoma* Coquillett, 1887c: 176. TYPE LOCALITY: USA (California & Kansas) [1S in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Tamaulipas), USA (Arizona, California, Kansas, Nevada, New Mexico, Oklahoma, Oregon, Texas, Washington).

**fumida**

*Anthrax fumida* Coquillett, 1887c: 177. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 647) in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

**fumosa**

*Paravilla fumosa* Hall, 1981a: 92. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California, ?Wyoming).

**hulli**

*Paravilla hulli* Hall, 1981a: 95. TYPE LOCALITY: USA (Texas) [H in CNC\*].

DISTRIBUTION: **Nearctic:** Canada (Alberta), Mexico (Baja California Norte, Jalisco, Zacatecas), USA (Arizona, California, Colorado, Kansas, Nebraska, Nevada, New Mexico, Texas, Utah, Wyoming).

**hypoxantha**

*Anthrax hypoxantha* Macquart, 1840: 65 [1841: 343]. TYPE LOCALITY: Chile [H in MNHN\*].

*Anthrax blanchardi* Philippi, 1865: 665. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical:** Chile.

**imitans**

*Paravilla imitans* Hall, 1981a: 99. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California).

**inatra**

*Paravilla inatra* Hall, 1981a: 102. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Arizona, California, New Mexico).

**lacunaris**

*Anthrax lacunaris* Coquillett, 1892c: 185. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 648) in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

**leucothoa**

*Anthrax leucothoa* Wiedemann, 1830: 638. TYPE LOCALITY: “Mexiko” [= Mexico (Oaxaca) (from type specimen label data)] [6S in ZMHB\*].

*Anthrax diana* Williston, 1901: 280. TYPE LOCALITY: Mexico (Guerrero) [1S in BMNH\*]. [Preoccupied by Walker, 1849.]

*Villa dianella* Painter in Painter & Painter, 1962: 101 (new replacement name for *Anthrax diana* Williston, 1901).

DISTRIBUTION: **Nearctic:** Mexico (Durango, Guanajuato, Guerrero, Hidalgo, Michoacán de Ocampo). **Neotropical:** Mexico (Oaxaca).

**lucida**

*Paravilla lucida* Hall, 1981a: 111. TYPE LOCALITY: Mexico (Baja California Sur) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur).

**macneilli**

*Paravilla macneilli* Hall, 1981a: 113. TYPE LOCALITY: USA (California) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California, Colorado, Wyoming).

**mercedis**

*Anthrax mercedis* Coquillett, 1887c: 166. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 649) in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Sonora, Tiburon I), USA (Arizona, California, ?Colorado, New Mexico).

**mexicana**

*Paravilla mexicana* Hall, 1981a: 119. TYPE LOCALITY: Mexico (Guanajuato) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Guanajuato, Guerrero, Jalisco, Michoacán de Ocampo, Morelos). **Neotropical**: Mexico (Oaxaca).

**montivaga**

*Paravilla montivaga* Hall in Tabet, 1979: 365. [Unavailable; name proposed in an unpublished thesis.]  
*Paravilla montivaga* Hall, 1981a: 124. TYPE LOCALITY: USA (California) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Canada (British Columbia), Mexico (Chihuahua), USA (Arizona, California, Colorado, Idaho, Oregon, Utah, Washington, Wyoming).

**nigriventris**

*Paravilla nigriventris* Hall, 1981a: 127. TYPE LOCALITY: Mexico (Guerrero) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Colima, Guerrero, Michoacán de Ocampo, Morelos, Puebla, Sonora). **Neotropical**: Mexico (Chiapas, Oaxaca).

**nigrofemorata**

*Paravilla nigrofemorata* Hall, 1981a: 130. TYPE LOCALITY: USA (California) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California).

**nigronasica**

*Villa nigronasica* Painter, 1933a: 14. TYPE LOCALITY: USA (Nebraska) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (Colorado, Kansas, Nebraska, New Mexico, Texas, Utah).

**opaca**

*Paravilla opaca* Hall, 1981a: 135. TYPE LOCALITY: Mexico (Nuevo León) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Nuevo León), USA (Texas).

**painterorum**

*Paravilla painterorum* Hall, 1981a: 138. TYPE LOCALITY: Mexico (Nuevo León) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Nuevo León, Zacatecas).

**palliata**

*Anthrax palliata* Loew, 1869c: 20 [1872c: 134]. TYPE LOCALITY: USA (Illinois) [H in MCZ\*].  
DISTRIBUTION: **Nearctic**: Mexico (Guerrero), USA (Colorado, Illinois, Kansas, Louisiana, Minnesota, Nebraska, Oklahoma, South Dakota).

**pallida**

*Paravilla pallida* Hall, 1981a: 143. TYPE LOCALITY: Mexico (Hidalgo) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Durango, Hidalgo, Nuevo León, Tamaulipas).

**parasitica**

*Paravilla parasitica* Hall, 1981a: 146. TYPE LOCALITY: USA (Arizona) [H in CAS\*].  
DISTRIBUTION: **Nearctic**: USA (Arizona, California, New Mexico).

**parvula**

*Paravilla parvula* Hall, 1981a: 149. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Durango, Guanajuato, Hidalgo, Jalisco, México, Michoacán de Ocampo, Nuevo León, San Luis Potosí, Sonora, Zacatecas), USA (Arizona, New Mexico, New Texas, Utah).

**perplexa**

*Anthrax perplexa* Coquillett, 1887c: 176. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 651) in USNM\*].  
DISTRIBUTION: **Nearctic**: USA (California).

**separata**

*Anthrax separata* Walker, 1852: 177. TYPE LOCALITY: “Bolton, North America” [= USA (Georgia, Michigan, or Ohio) [H in BMNH\*].  
*Anthrax nemakagonensis* Graenicher, 1910: 26. TYPE LOCALITY: USA (Wisconsin) [16S in MCPM].  
DISTRIBUTION: **Nearctic**: Canada (Manitoba), Mexico (Coahuila), USA (Alabama, Florida, Georgia, Iowa, Kansas, Michigan, Minnesota, Mississippi, Nebraska, Ohio, South Dakota, Wisconsin).

**spaldingi**

*Villa spaldingi* Painter, 1933a: 13. TYPE LOCALITY: USA (Utah) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Jalisco, Nuevo León, Sonora, Tamaulipas), USA (California, Colorado, Georgia, Michigan, Minnesota, Nevada, Oregon, Ohio, South Dakota, Utah, Wisconsin).

**splendida**

*Paravilla splendida* Hall, 1981a: 161. TYPE LOCALITY: USA (California) [H in USNM\*].  
DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (California).

**stheno**

*Anthrax stheno* Wiedemann, 1828: 582. TYPE LOCALITY: “Brasilien” [= Brazil or Uruguay] [1S in ZMUC].  
DISTRIBUTION: **Neotropical**: “Brasilien” [= Brazil or Uruguay].

**syrtsis**

*Anthrax syrtsis* Coquillett, 1887c: 173. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 652) in USNM\*].  
DISTRIBUTION: **Nearctic**: Canada (Alberta), Mexico (Baja California Norte, Sonora), USA (Arizona, California, Colorado, Nevada, New Mexico, Oklahoma).

**texana**

*Paravilla texana* Hall, 1981a: 169. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Colorado, Kansas, Nevada, New Mexico, Texas).

**tricellula**

*Villa tricellula* Cole, 1952: 129. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic:** USA (California).

**vasta**

*Anthrax vasta* Coquillett, 1892c: 184. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

**vigilans**

*Anthrax vigilans* Coquillett, 1887c: 176. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 653) in USNM\*].

DISTRIBUTION: **Nearctic:** Canada (British Columbia), USA (Arizona, California, Colorado, Idaho, Nevada, Utah, Washington, Wyoming).

**villica**

*Anthrax villica* Philippi, 1865: 669. TYPE LOCALITY: Chile [N designated by Hall (1976a: 248) in MEUC\*].

DISTRIBUTION: **Neotropical:** Chile.

**vulpina**

*Anthrax vulpina* Coquillett, 1892c: 183. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 653) in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

**winburni**

*Paravilla winburni* Hall, 1981a: 178. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Arizona, New Mexico, Texas).

**xanthina**

*Villa xanthina* Painter, 1933a: 13. TYPE LOCALITY: USA (Kansas) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Colorado, Kansas, Nebraska, New Mexico, South Dakota, Texas, Wyoming).

Genus **POECILANTHRAX** Osten Sacken

**POECILANTHRAX** Osten Sacken, 1886b: 112 (as subgenus of *Anthrax* Scopoli), 119 (as “group” of *Anthrax* Scopoli). Type species: *Anthrax alcyon* Say, 1824, by subsequent designation (Coquillett, 1910b: 593).

**alcyon**

*Anthrax alcyon* Say, 1824: 371. TYPE LOCALITY: USA (“Northwest territory”) [S (destroyed) in ANSP (see Note 25); 1S in NMW].

*Anthrax halcyon* Osten Sacken, 1858: 40 (unjustified emendation of *Anthrax alcyon* Say, 1824).

DISTRIBUTION: **Nearctic:** Mexico (Chihuahua), Canada (Alberta, Manitoba, Ontario, Saskatchewan), USA (Arizona, California, Colorado, Illinois, Kansas, Michigan, Minnesota, Montana, Nebraska, New Mexico, North Carolina, North Dakota, Ohio, Oregon, South Dakota, Texas, Utah, Virginia, Wyoming).



**alpha**

*Anthrax alpha* Osten Sacken, 1877: 239. TYPE LOCALITY: USA (Wyoming) [L designated by Evenhuis (1981b: 3) in MCZ\*].

DISTRIBUTION: **Nearctic:** Canada (Alberta), USA (Arizona, California, Colorado, Idaho, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oregon, South Dakota, Utah, Wyoming).

**apache**

*Poecilanthrax apache* Painter & Hall, 1960: 31. TYPE LOCALITY: USA (Arizona) [H in SEMC].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Colorado, Nevada, Utah, Wyoming).

**arethusa**

*Anthrax arethusa* Osten Sacken, 1886b: 116. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 133) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Chihuahua, Guerrero, México, Morelos, Sonora, Veracruz-Llave), USA (Arizona, California, Colorado, Nebraska, New Mexico, Texas, Utah, Wyoming). **Neotropical:** Costa Rica, Guatemala, Mexico (Chiapas), Panama.

**arizonensis**

*Poecilanthrax arizonensis* Taber, 2008: 80. TYPE LOCALITY: USA (Arizona) [H in TAMU].

DISTRIBUTION: **Nearctic:** USA (Arizona).

**autumnalis**

*Anthrax arethusa* var. *autumnalis* Cole, 1917: 71. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Colorado, Idaho, Nevada, Utah).

**bicellata**

*Exoprosopa bicellata* Macquart, 1847a: 51 [1847c: 61]. TYPE LOCALITY: “Australie?” [error, = USA (R.H. Painter, *in litt.*)] [H in BMNH\*].

*Anthrax demogorgon* Walker, 1849: 265. TYPE LOCALITY: USA (Florida) [2S in BMNH\*; 1S in MVMA; 1S in UMO\*].

*Anthrax ceyx* Loew, 1869c: 19 [1872c: 133]. TYPE LOCALITY: USA (Virginia) [L designated by Evenhuis (1982b: 6) in MCZ\*].

DISTRIBUTION: **Nearctic:** Canada (Ontario), USA (Florida, Illinois, Indiana, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, New Jersey, New York, Ohio, Pennsylvania, South Carolina, Tennessee, Virginia, West Virginia, Wisconsin).

**brachypus**

*Poecilanthrax brachypus* Calderwood, 1995: 204. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic:** USA (California).

**californicus**

*Anthrax californicus* Cole, 1917: 69. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (Arizona, California, Colorado, Nevada, New Mexico, Oregon, Utah, Wyoming).

**colei**

*Poecilanthrax colei* Johnson & Johnson, 1957: 10. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

**effrenus**

*Anthrax effrena* Coquillett, 1887c: 182. TYPE LOCALITY: USA (Arizona) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur, Chihuahua, Sonora, Tamaulipas, Tiburon I), USA (Arizona, California, New Mexico, Oklahoma, Texas).

**eremicus**

*Poecilanthrax eremicus* Painter & Hall, 1960: 51. TYPE LOCALITY: USA (California) [H in SEMC].

DISTRIBUTION: **Nearctic:** USA (Arizona, California).

**fasciatus**

*Poecilanthrax fasciatus* Johnson & Johnson, 1957: 11. TYPE LOCALITY: USA (Colorado) [H in BYU].

DISTRIBUTION: **Nearctic:** Mexico (Coahuila), USA (Colorado, Kansas, Texas).

**fuliginosus**

*Anthrax fuliginosa* Loew, 1869c: 20 [1872c: 134]. TYPE LOCALITY: USA (California) [H in MCZ\*].

*Poecilanthrax butleri* Johnson & Johnson, 1957: 7. TYPE LOCALITY: USA (Arizona) [H in BYU].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte, Sonora), USA (Arizona, California, Colorado, Nevada, New Mexico).

**hyalinipennis**

*Poecilanthrax hyalinipennis* Painter & Hall, 1960: 64. TYPE LOCALITY: USA (Arizona) [H in SEMC].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Nevada, Utah).

**ingens**

*Poecilanthrax ingens* Johnson & Johnson, 1957: 13. TYPE LOCALITY: USA (Arizona) [H in BYU].

DISTRIBUTION: **Nearctic:** Mexico (San Luis Potosí), USA (Arizona).

**interruptus**

*Poecilanthrax poecilogaster* ssp. *interruptus* Painter & Hall, 1960: 97. TYPE LOCALITY: USA (California) [H in SEMC].

DISTRIBUTION: **Nearctic:** USA (California).

**johnsonorum**

*Poecilanthrax johnsonorum* Painter & Hall, 1960: 69. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic:** USA (Utah).

**litoralis**

*Poecilanthrax litoralis* Painter & Hall, 1960: 71. TYPE LOCALITY: USA (California) [H in SEMC].

DISTRIBUTION: **Nearctic:** USA (California).

**loewi**

*Anthrax flaviceps* Loew, 1869c: 18 [1872c: 132]. TYPE LOCALITY: Mexico (Tamaulipas) [L designated by Evenhuis (1982b: 9) in MCZ\*]. [Preoccupied by Guérin-Méneville, 1844.]

*Poecilanthrax loewi* Evenhuis & Greathead, 1999: 471 (new replacement name for *Anthrax flaviceps* Loew, 1869).

DISTRIBUTION: **Nearctic:** Mexico (Nuevo León, Tamaulipas), USA (Kansas, New Mexico, Texas).

**lucifer**

*Biblio lucifer* Fabricius, 1775: 759. TYPE LOCALITY: “America” [3S in ZMUC; 4S in ZMHB\*].

*Anthrax fumiflamma* Walker, 1852: 184. TYPE LOCALITY: Jamaica [1S in BMNH\*; 1S in MVMA].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur, Colima, Durango, Guanajuato, Guerrero, Hidalgo, Jalisco, Morelos, San Luis Potosí, Sonora, Tamaulipas, Veracruz-Llave), USA (Alabama, Arizona, Arkansas, Colorado, Florida, Georgia, Illinois, Indiana, Kansas, Louisiana, Mississippi, Nebraska, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Utah). **Neotropical:** Bahamas, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico (Chiapas, Oaxaca), Panama, Puerto Rico, Saint Kitts and Nevis, U.S. Virgin Is.

**macquarti**

*Anthrax brunnipennis* Macquart, 1840: 70 [1841: 348]. TYPE LOCALITY: “Patrie inconnue” [= ?West Indies] [T (lost) in MNHN]. [Preoccupied by Macquart, 1839.]

*Poecilanthrax macquarti* Evenhuis & Greathead, 1999: 471 (new replacement name for *Anthrax brunnipennis* Macquart, 1840).

DISTRIBUTION: **Neotropical:** ?West Indies.

**marmoreus**

*Poecilanthrax marmoreus* Johnson & Johnson, 1957: 16. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Colorado, Texas, Utah).

**mexicanus**

*Poecilanthrax mexicanus* Painter in Painter & Painter, 1969: 10. TYPE LOCALITY: Mexico (Morelos) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Colima, Guerrero, Hidalgo, Morelos, Nuevo León, Puebla, San Luis Potosí, Tamaulipas).

**moffitti**

*Poecilanthrax moffitti* Painter & Hall, 1960: 78. TYPE LOCALITY: USA (California) [H in SEMC].

DISTRIBUTION: **Nearctic:** USA (California, Nevada).

**montanus**

*Poecilanthrax montanus* Painter & Hall, 1960: 82. TYPE LOCALITY: USA (California) [H in SEMC].

DISTRIBUTION: **Nearctic:** USA (California, Idaho, New Mexico, Oregon, Washington, Wyoming).

**monticola**

*Poecilanthrax sackenii* ssp. *monticola* Johnson & Johnson, 1957: 23. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic:** Canada (British Columbia, Alberta), USA (Idaho, Colorado, Nebraska, North Dakota, Utah, Washington, Wyoming).

**nigripennis**

*Anthrax nigripennis* Cole, 1917: 70. TYPE LOCALITY: USA (Maryland) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Georgia, Maryland, Michigan, New York, North Carolina, Tennessee, Virginia).

**painteri**

*Poecilanthrax painteri* Maughan, 1935: 56. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic:** USA (California, Colorado, Idaho, Montana, Oregon, Utah, Wyoming).

**pallidifrons**

*Poecilanthrax moffitti* ssp. *pallidifrons* Evenhuis, 1977: 123. TYPE LOCALITY: USA (California) [H in CAS\*].

DISTRIBUTION: **Nearctic:** USA (California).

**pilosus**

*Anthrax pilosa* Cole, 1917: 76. TYPE LOCALITY: USA (California) [L designated by Johnson & Johnson (1957: 19) in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

**poecilogaster**

*Anthrax poecilogaster* Osten Sacken, 1886b: 118. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 134) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Morelos, Nuevo León, Sonora), USA (Arizona, California, Colorado, Idaho, Nevada, New Mexico, Oregon, Utah). **Neotropical:** Mexico (Oaxaca).

**robustus**

*Poecilanthrax robustus* Johnson & Johnson, 1957: 20. TYPE LOCALITY: USA (California) [H in BYU].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte), USA (California).

**sackenii**

*Anthrax tegminipennis* var. *sackenii* Coquillett, 1887c: 180. TYPE LOCALITY: USA (Arizona) [2S in USNM\*].

DISTRIBUTION: **Nearctic:** Canada (Alberta, British Columbia, Manitoba), USA (Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, North Dakota, Oregon, Utah, Washington, Wyoming).

**signatipennis**

*Anthrax signatipennis* Cole, 1917: 74. TYPE LOCALITY: USA (Wyoming) [H in USNM\*].

*Poecilanthrax marginatus* Johnson & Johnson, 1957: 14. TYPE LOCALITY: USA (Utah) [H in BYU].

*yellowstonei*, incorrect original spelling of *signatipennis* (Cole, 1917: 80).

DISTRIBUTION: **Nearctic:** Canada (Alberta), USA (California, Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming).

**tanbarkensis**

*Poecilanthrax tanbarkensis* Painter & Hall, 1960: 21, 109, 110. TYPE LOCALITY: USA (California) [H in SEMC].

*tanbarkensis*, incorrect original spelling of *tanbarkensis* (Painter & Hall, 1960: 109).

DISTRIBUTION: **Nearctic**: USA (California).

**tegminipennis**

*Anthrax tegminipennis* Say, 1824: 371. TYPE LOCALITY: USA (“Northwest territory”) [S (destroyed) in ANSP (see Note 25); 2S in NMW].

*Anthrax fuscipennis* Macquart, 1834: 410. TYPE LOCALITY: “Amérique septentrionale” [T in UNKN (originally in Percheron Collection)].

DISTRIBUTION: **Nearctic**: Canada (Alberta, Manitoba, Ontario, Quebec, Saskatchewan), USA (California, Connecticut, Colorado, Idaho, Maine, Massachusetts, Michigan, Minnesota, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oregon, Rhode Island, South Dakota, Utah, Vermont, Wisconsin, Wyoming).

**varius**

*Poecilanthrax varius* Painter & Hall, 1960: 114. TYPE LOCALITY: USA (California) [H in SEMC].

DISTRIBUTION: **Nearctic**: USA (California, Colorado, Idaho, Montana, Nevada, Utah, Wyoming).

**vexativus**

*Poecilanthrax vexativus* Painter & Hall, 1960: 119. TYPE LOCALITY: USA (New Mexico) [H in SEMC].

DISTRIBUTION: **Nearctic**: Mexico (Chihuahua, Durango, Guerrero, México, Nuevo León, Puebla, Veracruz-Llave), USA (Arizona, Colorado, New Mexico).

**willistoni**

*Anthrax willistoni* Coquillett, 1887c: 181. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 654) in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta, British Columbia, Manitoba, Saskatchewan), Mexico (Baja California Norte), USA (Arizona, California, Colorado, Idaho, Kansas, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Washington, Wyoming).

**zionensis**

*Poecilanthrax alpha* ssp. *zionensis* Johnson & Johnson, 1957: 6. TYPE LOCALITY: USA (Utah) [H in BYU].

DISTRIBUTION: **Nearctic**: USA (Utah).

Genus **RHYNCHANTHRAX** Painter

**RHYNCHANTHRAX** Painter, 1933a: 6 (as subgenus of *Villa* Lioy). Type species: *Anthrax parvicornis* Loew, 1869, by original designation.

**capreus**

*Anthrax caprea* Coquillett, 1887c: 170. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 645) in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Coahuila), USA (Arizona, California, Colorado, Nebraska, Nevada, New Mexico, Utah).

**maria**

*Anthrax maria* Williston, 1901: 283. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 115) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Morelos).

**nigrofimbriatus**

*Anthrax nigrofimbriata* Williston, 1901: 282. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 119) in BMNH\*].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero).

**parvicornis**

*Anthrax parvicornis* Loew, 1869c: 23 [1872c: 137]. TYPE LOCALITY: USA (Illinois) [H in MCZ\*].

DISTRIBUTION: **Nearctic:** USA (Alabama, Colorado, Illinois, Iowa, Kansas, Louisiana, Mississippi, Missouri, Nebraska, New Mexico, Oklahoma, Texas).

**quivera**

*Villa quivera* Painter, 1933a: 9. TYPE LOCALITY: USA (New Mexico) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Durango), USA (New Mexico).

**rex**

*Anthrax rex* Osten Sacken, 1886b: 127. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 121) in BMNH\*].

*Anthrax plagosa* Coquillett, 1887c: 178. TYPE LOCALITY: USA (Arizona) [1S in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Arizona, Texas).

**texanus**

*Anthrax texana* Painter, 1933a: 8. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Sonora), USA (Kansas, New Mexico, Texas).

Genus **STONYX** Osten Sacken

**STONYX** Osten Sacken, 1886a: 80, 94. Type species: *Stonyx clelia* Osten Sacken, 1886, by subsequent designation (Coquillett, 1910b: 609).

**clelia**

*Stonyx clelia* Osten Sacken, 1886a: 95. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 126) in BMNH\*].

*Anthrax keenii* Coquillett, 1887c: 164. TYPE LOCALITY: USA (Arizona) [L designated by Evenhuis & Greathead (1999: 648) in USNM\*].

DISTRIBUTION: **Nearctic:** Mexico (Morelos, Sonora), USA (Arizona).

**clotho**

*Anthrax clotho* Wiedemann, 1830: 635. TYPE LOCALITY: "Oaxara in Mexiko" [= Mexico (Oaxaca)] [H in ZMHB\*].

DISTRIBUTION: **Nearctic:** Mexico (México, Michoacán de Ocampo, Morelos).  
**Neotropical:** Mexico (Oaxaca), Panama.

**lacerus**

*Anthrax lacera* Wiedemann, 1830: 634. TYPE LOCALITY: "Oaxara im Mexikanischen" [= Mexico (Oaxaca)] [L designated by Painter & Painter (1962: 127) in NMW].

DISTRIBUTION: **Nearctic:** Mexico (Guerrero, Jalisco, Michoacán de Ocampo).  
**Neotropical:** Mexico (Oaxaca).

**lelia**

*Stonyx lelia* Williston, 1901: 274. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 127) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Guerrero).

**melia**

*Stonyx melia* Williston, 1901: 274. TYPE LOCALITY: Mexico (Guerrero) [L designated by Painter & Painter (1962: 127) in BMNH\*].

*Anthrax melior* Kertész, 1909: 46 (unjustified emendation of *Stonyx melia* Williston, 1901).

DISTRIBUTION: **Nearctic**: Mexico (Guerrero).

Genus **SYNTHESIA** Bezzi

**SYNTHESIA** Bezzi, 1921a: 130. Type species: *Synthesia fucooides* Bezzi, 1921, by original designation.

**fucooides**

*Synthesia fucooides* Bezzi, 1921a: 131. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

Genus **THYRIDANTHRAX** Osten Sacken

**THYRIDANTHRAX** Osten Sacken, 1886b: 113 (as subgenus of *Anthrax* Scopoli), 123 (as “group” of *Anthrax* Scopoli). Type species: *Anthrax selene* Osten Sacken, 1886, by subsequent designation (Coquillett, 1910b: 615).

**alphonsi**

*Thyridanthrax alphonsi* Sánchez-Terrón & Roldán Bravo, 2000: 68. TYPE LOCALITY: Portugal [H in MNCN].

DISTRIBUTION: **Palaearctic**: Portugal.

**andrewsi**

*Villa andrewsi* Hall, 1970: 528. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic**: USA (California, Idaho).

**anomalus**

*Thyridanthrax anomalus* Greathead, 1980b: 324. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].

DISTRIBUTION: **Palaearctic**: Saudi Arabia.

**atratus**

*Anthrax atrata* Coquillett, 1887c: 171. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 644) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (California, Nevada, Oregon, Washington).

**dagniensis**

*Thyridanthrax dagniensis* Paramonov, 1933a: 35. TYPE LOCALITY: Armenia [H in SIZK].

DISTRIBUTION: **Palaearctic**: Armenia, Azerbaijan, Gruzia, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**decipulus**

*Villa decipulus* Austen, 1937: 143. TYPE LOCALITY: Israel (West Bank) [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel (incl. West Bank), Oman, Saudi Arabia, United Arab Emirates.

**delgerensis**

*Thyridanthrax delgerensis* Zaitzev, 1976b: 495. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**durvillei**

*Anthrax durvillei* Macquart, 1840: 65 [1841: 343]. TYPE LOCALITY: Chile [H in MNHN\*].

DISTRIBUTION: **Neotropical**: Chile.

**elegans** ssp. **calochromatus**

*Anthrax fenestralis* Macquart, 1840: 63 [1841: 341]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [S in UNKN (originally in Serville Collection); S (lost) in MNHN]. [Preoccupied by Wiedemann, 1830.]

*Thyridanthrax calochromatus* Bezzi, 1921a: 135. TYPE LOCALITY: “Cape” [probably = South Africa (Western Cape)] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, South Africa (Western Cape).

**elegans** ssp. **elegans**

*Anthrax elegans* Hoffmanssegg in Wiedemann, 1818a: 17. *Nomen nudum*.

*Nemotelus inquinatus* Pallas in Wiedemann, 1818a: 17. [Unavailable; name proposed in synonymy with *Anthrax elegans* Hoffmanssegg and not made available before 1961.]

*Anthrax elegans* Wiedemann in Meigen, 1820: 155. TYPE LOCALITY: Portugal & “Süd-russland” [= Russia (SET) (see Pont, 1995: 150)] [4S in ZMHB\*; 2S in MNHN\*; 1S in NMW; ?1S in UMO\*].

*Anthrax varinevris* Macquart, 1846: 351(223), pl. 9, fig. 14. TYPE LOCALITY: Not given [= Palaeartic] [T in UNKN].

*Anthrax variegatus* Jaenicke, 1867a: 69. TYPE LOCALITY: Italy (Sicily) [T (lost) in HLMD]. [Preoccupied by Pallas, 1818.]

*Thyridanthrax dolgovskayae* Zaitzev, 1999: 898. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Egypt, France (incl. Corsica), Greece (incl. Corfu, Lesbos), Gruzia, Iran, Israel, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Lebanon, Libya, Malta, Moldova, Mongolia, Morocco, Poland, Portugal, Russia (SET), Spain (incl. Ibiza, Mallorca), Syria, Tajikistan, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**elegans** ssp. **kappa**

*Thyridanthrax kappa* Bowden, 1964a: 103. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Eritrea, Ghana, Mali, Niger, Yemen. **Palaeartic**: Saudi Arabia.

**elegans** ssp. **macquarti**

*Thyridanthrax macquarti* Bezzi, 1912: 626. TYPE LOCALITY: “North Nyasa” [= Malawi] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi, Zambia, Zimbabwe.



**elegans ssp. subperspicillaris**

*Thyridanthrax subperspicillaris* Bezzi, 1922a: 84. TYPE LOCALITY: South Africa (Eastern Cape) [1S in MSNM].

*Thyridanthrax subperspicillaris* Bezzi, 1924a: 207. TYPE LOCALITY: “Kenya Colony” [= Kenya] [H in BMNH\*]. [Preoccupied by Bezzi, 1922.]

DISTRIBUTION: **Afrotropical**: Kenya, South Africa (Eastern Cape, Gauteng).

**fenestratoides**

*Anthrax fenestratoides* Coquillett, 1892c: 185. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 647) in USNM\*].

*Anthrax macula* Cole in Cole & Lovett, 1919: 226. TYPE LOCALITY: USA (Oregon) [H in CAS].

DISTRIBUTION: **Nearctic**: Canada (Ontario), Mexico (San Luis Potosí, Sonora), USA (California, Colorado, Idaho, Kansas, ?Massachusetts, Nevada, New Mexico, Oregon, Texas, Utah, Wyoming).

**fenestratus**

*Anthrax fenestrata* Fallén, 1814: 8. TYPE LOCALITY: Sweden [S in MZLU; 1S in MNHN\*].

*Anthrax variegata* Pallas in Wiedemann, 1818a: 12. TYPE LOCALITY: “Rhymano usque ad Obum fl. per omnem Tatariam magnam” [= Russia (SET) or Kazakhstan] [T in NMW (see Note 20)].

*Anthrax ornatus* Hoffmansseg in Wiedemann, 1818a: 13. [Unavailable; name proposed in synonymy with *Anthrax variegata* Pallas and not made available before 1961.]

*Anthrax ornatus* Curtis, 1824: 9. TYPE LOCALITY: UK (Great Britain) [5S in MVMA].

*Anthrax nigrita* var. *italica* Walker, 1849: 255. [Unavailable; name proposed in synonymy with *Anthrax fenestrata* Fallén and not made available before 1961.]

*Hemipenthes fenestratus* var. *montana* Paramonov, 1927d: 175. TYPE LOCALITY: Armenia [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Albania, Algeria, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, China (Beijing, Nei Monggol), Croatia, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Latvia, Libya, Lithuania, Luxemburg, Macedonia, Moldova, Mongolia, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia (CET, ES, NET, SET), Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Turkey, Turkmenistan, Ukraine, UK (Great Britain), Uzbekistan, Yugoslavia.

**graecus**

*Hemipenthes graecus* Paramonov, 1927d: 184. TYPE LOCALITY: Greece [H in SIZK].

DISTRIBUTION: **Palaeartic**: Greece, Italy.

**griseolus**

*Anthrax griseola* Klug, 1832: pl. 30, fig. 11. TYPE LOCALITY: “Saccahrán” [error, “Syria” (from type specimen label data) = Lebanon (see Baker, 1997: 194)] [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt, Iran, Lebanon, ?Libya, Saudi Arabia, Tunisia.

**heliocheili**

*Thyridanthrax heliocheili* Greathead, 1991a: 50. TYPE LOCALITY: Mali [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Kenya, Mali, Senegal.

**hispanus**

*Anthrax hispanus* Loew, 1869b: 158. TYPE LOCALITY: "Andalusien" [= Spain] [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Spain.

**incanus**

*Anthrax incana* Klug, 1832: pl. 30, fig. 5. TYPE LOCALITY: "Syria" [= Lebanon (see Baker, 1997: 194)] [H in ZMHB\*].

*Anthrax testacea* Macquart, 1840: 61 [1841: 339]. TYPE LOCALITY: "Arabie" & Egypt [3S in MNHN\*].

*Anthrax varipennis* Macquart in Lucas, 1847: pl. 3, fig. 8 [1849: 457]. TYPE LOCALITY: Algeria [H in MNHN\*].

DISTRIBUTION: **Oriental**: Pakistan. **Palaeartic**: Afghanistan, Algeria, Armenia, Azerbaijan, Cyprus, Egypt, France, Greece, Gruzia, Iran, Israel, Italy (incl. Sicily), Lebanon, Libya, Macedonia, Morocco, Syria, Tunisia, Turkey, Turkmenistan, Yugoslavia.

**incipiens**

*Thyridanthrax incipiens* Bezzi, 1924a: 208. TYPE LOCALITY: "Kenya Colony" [= Kenya] [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ethiopia, Kenya, Namibia, Somalia, Tanzania.

**indigenus**

*Anthrax indigenus* Becker, 1908: 12. TYPE LOCALITY: Canary Is [4S in ZMUC; 4S in ZMHB\*; 2S in MNHN].

*Anthrax fascicollis* Santos Abreu, 1926: 68(28). [Unavailable; name proposed in synonymy with *Anthrax indigena* Becker and not made available before 1961.]

DISTRIBUTION: **Palaeartic**: Canary Is, Italy.

**insularis**

*Thyridanthrax insularis* Baéz, 1991: 54. TYPE LOCALITY: Canary Is [H in MABC].

DISTRIBUTION: **Palaeartic**: Canary Is.

**kozlovi**

*Thyridanthrax kozlovi* Zaitzev, 1976a: 619. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: China (Nei Monggol), Mongolia.

**kushkaensis**

*Hemipenthes kushkaensis* Paramonov, 1927d: 170. TYPE LOCALITY: Turkmenistan [1S in SIZK].

DISTRIBUTION: **Palaeartic**: Afghanistan, Tajikistan, Turkmenistan.

**laetus**

*Exoprosopa laeta* Loew, 1860a: 91 [1860b: 296; 1860c: 224]. TYPE LOCALITY: "Caf-fraria" [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: Botswana, Kenya, Malawi, Namibia, South Africa (Eastern Cape), Tanzania, Zambia, Zimbabwe.

**lotus**

*Anthrax lotus* Loew, 1869b: 164. TYPE LOCALITY: Greece (Rhodes) & "Küste Klein-asiens" [= Greece, Syria, or Turkey] [1S in UMO\*; 11S in ZMHB\*].

*Villa confusa* Becker, 1916: 47. TYPE LOCALITY: Greece & "Klein-Asien" [= Greece, Syria, or Turkey] & "Turkestan" [2S (destroyed) in HNHM (see Note 9); 1S in ZIS; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Afghanistan, Armenia, Azerbaijan, Cyprus, Egypt, Greece (incl. Rhodes), Gruzia, Iran, Italy, Kazakhstan, Kyrgyz Republic, Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan.

**loustaii**

*Thyridanthrax loustaii* Andréu Rubio, 1961: 53. TYPE LOCALITY: Spain [133S in MNMS].

DISTRIBUTION: **Palaeartic:** Spain.

**luminus**

*Villa lumina* Hall, 1970: 527. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic:** USA (California).

**melanopterus**

*Villa melanoptera* Hall, 1975b: 107. TYPE LOCALITY: USA (California) [H in CAS].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Nevada, Texas).

**melasoma**

*Anthrax melasoma* Wulp, 1882: 74. TYPE LOCALITY: USA (Arizona) [H in RMNH].

DISTRIBUTION: **Nearctic:** USA (Arizona, Oregon, Utah).

**meridionalis**

*Villa meridionalis* Cole, 1923: 292. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Sur), USA (California).

**michaili**

*Thyridanthrax michaili* Zaitzev, 1974a: 328. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic:** Mongolia.

**minutus**

*Anthrax minuta* Macquart in Lucas, 1847: pl. 3, fig. 120 [1849: 460]. TYPE LOCALITY: Algeria [H (destroyed) in MNHN].

DISTRIBUTION: **Palaeartic:** Algeria.

**murinus**

*Anthrax murina* Philippi, 1865: 666. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical:** Chile.

**mutilus**

*Anthrax mutilus* Loew, 1869b: 159. TYPE LOCALITY: Greece (Rhodes) [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Egypt, Greece (incl. Lesbos, Rhodes), Israel, Italy, Macedonia, Saudi Arabia, Syria, Turkey.

**nebulosus**

*Anthrax nebulosus* Dufour, 1852: 6. TYPE LOCALITY: Spain [T (lost) in MNHN].

*Anthrax occipitalis* Loew, 1869b: 162. TYPE LOCALITY: “Andalusien” [= Spain] [H in ZMHB\*].

*nubilus*, error for *nebulosus*.

DISTRIBUTION: **Palaeartic:** Italy, Morocco, Portugal, Spain.

**nugator**

*Anthrax nugator* Coquillett, 1887c: 178. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 650) in USNM\*].

*Anthrax bifeneustratus* Bigot, 1892: 356. TYPE LOCALITY: USA (California) [L designated by Painter & Painter (1962: 87) in BMNH\*].

DISTRIBUTION: **Nearctic**: USA (California, Oregon).

#### **obliteratus**

*Anthrax obliterata* Loew, 1862a: 80. TYPE LOCALITY: Greece [2S in UMO\*; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Egypt, Greece, Gruzia, Iran, Italy, Kyrgyz Republic, Libya, Mongolia, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

#### **pallidus**

*Anthrax nugator* var. *pallida* Coquillett, 1887c: 179. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 650) in USNM\*].

*Villa utahensis* Maughan, 1935: 51. TYPE LOCALITY: USA (Utah).

DISTRIBUTION: **Nearctic**: Mexico (Coahuila), USA (Arizona, California, Nevada, Texas, Utah).

#### *pallidipennis*

*Hemipenthes pallidipennis* Paramonov in Zakhvatkin, 1931: 390. *Nomen nudum*.

#### **perspicillaris** ssp. **idolus**

*Thyridanthrax idolus* Hesse, 1956b: 612. TYPE LOCALITY: South Africa (Northern Cape) [H in SAMC].

*Thyridanthrax speciosus* Hesse, 1956b: 614. TYPE LOCALITY: "Southern Rhodesia" [= Zimbabwe] [H in NMBZ].

*Thyridanthrax hessei* Bowden, 1964a: 103. TYPE LOCALITY: South Africa (Northern Cape) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Botswana, Eritrea, Ethiopia, Kenya, Mali, Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape), Uganda, Yemen, Zimbabwe. **Palaeartic**: Saudi Arabia.

#### **perspicillaris** ssp. **perspicillaris**

*Anthrax perspicillaris* Loew, 1869b: 157. TYPE LOCALITY: Italy & Greece & "Süd-russland" [probably = Kazakhstan] & "Kleinasien" [= Greece, Syria, or Turkey] [1S in UMO\*; 19S in ZMHB\*].

*Anthrax gallus* Loew, 1869b: 155. TYPE LOCALITY: "Bordeaux" [= France] [H in ZMHB\*].

*Thyridanthrax ternarius* Bezzi, 1920: 108. TYPE LOCALITY: "Scioa" [= Ethiopia] [S in MCSN].

*Thyridanthrax ternarius* Bezzi, 1921a: 136. TYPE LOCALITY: South Africa (Northern Cape & Mpumalanga) [3S in SAMC]. [Preoccupied by Bezzi, 1920.]

*Anthrax pyrproctus* Bigot in Bezzi, 1921a: 137. [Unavailable; name proposed in synonymy with *Thyridanthrax ternarius* Bezzi and not made available before 1961.]

*Thyridanthrax ternarius* Bezzi, 1924a: 210. TYPE LOCALITY: Gambia [7S in BMNH\*]. [Preoccupied by Bezzi, 1920.]

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia, Gambia, Ghana, Mali, Mauritania, South Africa (Eastern Cape, Mpumalanga, Northern Cape, Western Cape), Sudan. **Oriental**: Pakistan. **Palaeartic**: Afghanistan, Albania, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Cyprus, Egypt, France, Germany, Greece (incl. Rhodes), Gruzia, Iran, Iraq, Israel (incl. West Bank), Italy (incl. Sicily), Kazakhstan, Kyrgyz Republic, Libya, Morocco, Mongolia, Romania, Russia (ES, SET), Saudi Arabia, Spain, Tajikistan, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan, Yugoslavia.

**pertusus**

*Anthrax pertusa* Loew, 1869c: 18 [1872c: 132]. TYPE LOCALITY: USA (New Mexico) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Colorado, Nevada, New Mexico, Texas).

**polyphemus**

*Anthrax polyphemus* Hoffmanssegg in Wiedemann, 1819a: 9. *Nomen nudum*.

*Anthrax polyphemus* Wiedemann in Meigen, 1820: 168. TYPE LOCALITY: Portugal [1S in ZMHB\*; 1S in NMW\*].

*Thyridanthrax polyphemus* var. *pumilio* Austen, 1937: 149. TYPE LOCALITY: Israel [15S in BMNH\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, France, Greece (incl. Zakynthos), Gruzia, Iran, Israel (incl. West Bank), Italy, Libya, Malta, Morocco, Portugal, Spain, Syria, Tunisia, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**reductus**

*Thyridanthrax reductus* Lindner, 1975: 18. TYPE LOCALITY: Iran [H in SMNS].

DISTRIBUTION: **Palaeartic**: Iran.

**rohdendorfi**

*Villa rohdendorfi* Paramonov, 1925h: 145. TYPE LOCALITY: Turkmenistan [5S in ZMUM; 1S in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**rotundifacies**

*Hemipenthes rotundifacies* Paramonov, 1927d: 181. TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**rubriventris**

*Hemipenthes rubriventris* Paramonov, 1927d: 184. TYPE LOCALITY: Armenia [H (lost) in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Turkmenistan, Uzbekistan.

**selene**

*Anthrax selene* Osten Sacken, 1886b: 122. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 123) in BMNH\*].

*Anthrax otiosa* Coquillett, 1887c: 182. TYPE LOCALITY: USA (Arizona) [S in UNKN].  
DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Texas).

**semitristis**

*Anthrax semitristis* Philippi, 1865: 665. TYPE LOCALITY: Chile [N designated by Hall (1976a: 246) in MEUC\*].

*Anthrax semitinctus* Schiner, 1868b: 124. TYPE LOCALITY: Chile [L designated by Painter & Painter (1974: 278) in NMW].

*semicinctus*, error for *semitristis*.

DISTRIBUTION: **Neotropical**: Chile.

**senegalensis**

*Thyridanthrax senegalensis* François, 1972a: 28. TYPE LOCALITY: Senegal [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Senegal.

**shibanovae**

*Thyridanthrax shibanovae* Zaitzev, 1999: 900. TYPE LOCALITY: Israel [H in ZIS].  
DISTRIBUTION: **Palaeartic**: Israel.

**sini**

*Villa sini* Cole, 1923: 303. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS].  
DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Tiburon I), USA (California).

**svenhedini**

*Thyridanthrax svenhedini* Paramonov, 1933b: 4 (as “*sven-hedini*”). TYPE LOCALITY: China (Nei Monggol) [2S in NHRS].  
DISTRIBUTION: **Palaeartic**: China (Nei Monggol).

**venustus**

*Thyridanthrax venustus* Austen, 1936: 186. TYPE LOCALITY: Algeria [H in BMNH\*].  
DISTRIBUTION: **Palaeartic**: Algeria.

**zefaticus**

*Thyridanthrax zefatica* Zaitzev, 1999: 901. TYPE LOCALITY: Israel [H in ZIS].  
DISTRIBUTION: **Palaeartic**: Israel.

Genus **VERIBUBO** Evenhuis

*TUMULUS* Hull, 1973: 403, 404 (as subgenus of *Thyridanthrax* Osten Sacken). Type species: *Anthrax misellus* Loew, 1869, by original designation. [Preoccupied by Monterosato, 1888.]

**VERIBUBO** Evenhuis, 1978d: 247 (new replacement name for *Tumulus* Hull, 1973). Type species: *Anthrax misellus* Loew, 1869, automatic.

**albinus**

*Hemipenthes albina* Becker & Stein, 1912: 604. *Nomen nudum*.  
*Hemipenthes albina* Becker in Becker & Stein, 1913a: 556. TYPE LOCALITY: Iran [L designated by Zaitzev (1972d: 907) in ZIS].  
DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Iran.

**albulus**

*Veribubo albula* Zaitzev, 1999: 902. TYPE LOCALITY: Israel [H in ZIS].  
DISTRIBUTION: **Palaeartic**: Israel.

**angusteoculatus**

*Anthrax angusteoculata* Becker, 1902: 25 (as “*anguste-oculata*”). TYPE LOCALITY: Egypt [H in ZMHB\*].  
DISTRIBUTION: **Palaeartic**: Egypt, Greece, Italy, Oman, Saudi Arabia, United Arab Emirates.

**anus**

*Anthrax anus* Wiedemann, 1828: 564. TYPE LOCALITY: “Nubien” [= Sudan] [H in SMFD].  
DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt, Libya, Tunisia, United Arab Emirates.

**arenarius**

*Thyridanthrax arenarius* Zaitzev, 1973: 294. TYPE LOCALITY: Turkmenistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Turkmenistan, Uzbekistan.

**capella**

*Thyridanthrax capella* Greathead, 1967: 262. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, ?Mali.

**desertus**

*Thyridanthrax desertus* Zaitzev, 1966b: 323. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Turkey, Turkmenistan, Uzbekistan.

**emeljanovi**

*Thyridanthrax emeljanovi* Zaitzev, 1974a: 326. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**gazella**

*Veribubo gazella* Greathead, 1981: 322. TYPE LOCALITY: Mali [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Mali.

**gorodkovi**

*Thyridanthrax gorodkovi* Zaitzev, 1962a: 65. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan.

**heteropterus**

*Hemipenthes heteropterus* Paramonov, 1927d: 180. TYPE LOCALITY: Armenia [2S in SIZK].

DISTRIBUTION: **Palaeartic**: Armenia.

**hongoricus**

*Thyridanthrax hongoricus* Zaitzev, 1974a: 330. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**latipennis**

*Hemipenthes latipennis* Paramonov, 1927c: 170. TYPE LOCALITY: Kazakhstan [H in SIZK].

DISTRIBUTION: **Palaeartic**: Kazakhstan.

**latonus**

*Anthrax latona* Wiedemann, 1828: 567. TYPE LOCALITY: “Nubien” [= Sudan] [H in SMFD].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt.

**mervensis**

*Hemipenthes mervensis* Paramonov, 1927d: 186. TYPE LOCALITY: Turkmenistan [16S in ZMUM; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan.

**mesasiaticus**

*Thyridanthrax mesasiaticus* Zaitzev, 1973: 297. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Iran, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

**misellus**

*Anthrax misellus* Loew, 1869b: 163. TYPE LOCALITY: Greece & “griechischen Inseln” [= Greece (Naxos) (from type specimen label data)] [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, Egypt, Greece (incl. Naxos), Gruzia, Iran, Italy, Kyrgyz Republic, Libya, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**mongolicus**

*Thyridanthrax mongolicus* Zaitzev, 1973: 295. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic:** Mongolia, Kazakhstan.

**nitidifrons**

*Thyridanthrax nitidifrons* Austen, 1936: 197. TYPE LOCALITY: Pakistan [H in BMNH\*].

DISTRIBUTION: **Oriental:** Pakistan.

**pallescens**

*Thyridanthrax pallescens* Greathead, 1970: 109. TYPE LOCALITY: Chad [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Chad.

**perepelovi**

*Thyridanthrax perepelovi* Zaitzev, 1974a: 331. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic:** Mongolia.

**ravus**

*Thyridanthrax ravus* Zaitzev, 1976a: 620. TYPE LOCALITY: “Turkmenia” [H in ZIS].

DISTRIBUTION: **Palaeartic:** Tajikistan, Turkmenistan, Uzbekistan.

**saffra**

*Veribubo saffra* Greathead, 1981: 323. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].

DISTRIBUTION: **Palaeartic:** Saudi Arabia.

**samarkandicus**

*Hemipenthes samarkandicus* Paramonov, 1927d: 188. TYPE LOCALITY: Uzbekistan [H in SIZK].

DISTRIBUTION: **Palaeartic:** Kazakhstan, Uzbekistan.

**saudensis**

*Thyridanthrax saudensis* François, 1970b: 199. TYPE LOCALITY: Saudi Arabia [H in ZSMC].

DISTRIBUTION: **Palaeartic:** Saudi Arabia.

**semifuscus**

*Thyridanthrax semifuscus* Engel, 1936d: 549. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic:** Egypt, Saudi Arabia.

**tabaninus**

*Thyridanthrax tabaninus* Bezzi, 1925: 232. TYPE LOCALITY: Egypt [H (destroyed) in ESEC (see Note 4)].

*Thyridanthrax arabicola* François, 1970b: 195. TYPE LOCALITY: Saudi Arabia [H in ZSMC].

DISTRIBUTION: **Palaeartic:** Egypt, Saudi Arabia.

**transcaspicus**

*Villa transcaspica* Paramonov, 1924a: 137. TYPE LOCALITY: Turkmenistan [H in SIZK].

DISTRIBUTION: **Palaeartic:** Tajikistan, Turkmenistan, Uzbekistan.



**tsagani**

*Thyridanthrax tsagani* Zaitzev, 1974a: 331. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

**uentshis**

*Thyridanthrax uentshis* Zaitzev, 1974a: 325. TYPE LOCALITY: Mongolia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia.

Genus **VERRALLITES** Cockerell

**VERRALLITES**<sup>†</sup> Cockerell, 1913: 231. Type species: *Verrallites cladurus* Cockerell, 1913, by monotypy.

**VENALLITES**, incorrect original spelling of *Verrallites* (Cockerell, 1913: 230, 231).

**cladurus**<sup>†</sup>

*Verrallites cladurus* Cockerell, 1913: 231. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in UCGC\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

Genus **VILLA** Lioy

**VILLA** Lioy, 1864: 732. Type species: *Anthrax concinna* Meigen, 1820 [= *Anthrax abbadon* Fabricius, 1794], by subsequent designation (Coquillett, 1910b: 619).

**HYALANTHRAX** Osten Sacken, 1886b: 112 [1887a: 134] (as subgenus of *Anthrax* Scopoli). Type species: *Anthrax faustina* Osten Sacken, 1887, by subsequent designation (Coquillett, 1910b: 553).

**ASPILOPTERA** Künckel d'Hercule, 1905: 145. Type species: *Anthrax flava* Meigen, 1820 [= *Musca hottentotta* Linnaeus, 1758], by monotypy.

**PROTEPACMUS**<sup>†</sup> Cockerell, 1916: 94. Type species: *Protepacmus setosus* Cockerell, 1916, by monotypy.

**abbadon**

*Anthrax abbadon* Fabricius, 1794: 262. TYPE LOCALITY: “Italia” [probably = Italy] [1S in ZMUC].

*Anthrax concinna* Meigen, 1820: 147. TYPE LOCALITY: France [L designated by Evenhuis & Greathead (1999: 646) in MNHN\*].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Azerbaijan, Croatia, France, Greece (incl. Corfu, Ithaca), Gruzia, Iran, Italy, Lebanon, Spain, Syria, Turkey, Turkmenistan, Yugoslavia.

**abeilla**

*Anthrax antecedens* Walker, 1859: 111. TYPE LOCALITY: Indonesia (Sulawesi) [H in BMNH\*]. [Preoccupied by Walker, 1852.]

*Villa abeilla* Hull, 1973: 374 (new replacement name for *Anthrax antecedens* Walker, 1859).

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku). **Oriental**: Indonesia (Sulawesi), Philippines.

**adusta**

*Anthrax adusta* Loew, 1869c: 26 [1872c: 140]. TYPE LOCALITY: Cuba [2S in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Florida). **Neotropical**: Cuba, Puerto Rico.

**aegyptiaca**

*Villa albida* var. *aegyptiaca* Engel, 1937: 572 (key only). TYPE LOCALITY: Egypt [L in EFC (designated by El-Hawagry & Greathead, 2006: 24).]

DISTRIBUTION: **Palaeartic**: Egypt.

**aenea**

*Anthrax aenea* Coquillett, 1887c: 165. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 643) in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Arizona, California, Kansas, Nevada, New Mexico, Texas, Utah).

**agrippina**

*Anthrax agrippina* Osten Sacken, 1887a: 139. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 84) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Colorado, Nevada, New Mexico, Utah, Washington).

**albicincta**

*Villa albicincta* Cole, 1923: 297. TYPE LOCALITY: Mexico (Sonora) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Sonora), USA (Arizona).

**albicollaris**

*Villa albicollaris* Cole, 1923: 296. TYPE LOCALITY: Mexico (Baja California Sur) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur).

**albida**

*Villa albida* Becker, 1916: 28. TYPE LOCALITY: Hungary [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Hungary, Italy, Turkey.

**albissima**

*Anthrax caloptera* Philippi, 1865: 670. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)]. [Preoccupied by Pallas, 1818.]

*Anthrax quadricincta* Philippi, 1865: 667. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)]. [Preoccupied by Rondani, 1863.]

*Villa albissima* Oldroyd, 1938: 91. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**albiventris**

*Villa albiventris* Frey, 1936: 51. TYPE LOCALITY: Canary Is [H in MZHF].

DISTRIBUTION: **Palaeartic**: Canary Is.

**albobasalis**

*Villa albobasalis* Roberts, 1928a: 127. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**albovittata**

*Anthrax albovittata* Macquart, 1850: 417(113). TYPE LOCALITY: “Amérique septentrionale” [T (lost?) in MNVL].

DISTRIBUTION: **Nearctic**: “Amérique septentrionale”.

**aldabrae**

*Villa aldabrae* Greathead, 1976: 248. TYPE LOCALITY: Aldabra [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Aldabra, Assumption I.

**alterna**

*Anthrax alterna* Walker, 1849: 261. TYPE LOCALITY: “New Holland” [= Australia] [T (lost) in BMNH (see Hardy, 1924: 76)].

*Anthrax alternans* Macquart, 1850: 414(110). TYPE LOCALITY: “Tasmanie” [error, = Australia (NSW) (see Hardy, 1929: 61)] [L designated by Evenhuis & Greathead (1999: 644) in MNHN\*].

*Anthrax albirufa* Walker, 1857: 143. TYPE LOCALITY: “Australia” [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland).

**alternata**

*Anthrax alternata* Say, 1823: 45. TYPE LOCALITY: USA (Missouri & Pennsylvania) [S (destroyed) in ANSP (see Note 25)].

*Anthrax bastardi* Macquart, 1840: 60 [1841: 338]. TYPE LOCALITY: “Amérique du Nord” [3S in BMNH\*].

*Anthrax consanguinea* Macquart, 1840: 69 [1841: 347]. TYPE LOCALITY: USA (Pennsylvania) [1S in BMNH\*; 1S in MNHN\*].

*Anthrax albipecta* Macquart, 1848: 194(34). TYPE LOCALITY: “Amérique septentrionale” [T in UNKN (originally in Hoffmeister Collection)].

DISTRIBUTION: **Nearctic**: USA (Connecticut, Delaware, Indiana, Kentucky, Maine, Missouri, Massachusetts, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Vermont, Virginia, West Virginia).

**amasia**

*Anthrax amasia* Wiedemann, 1828: 317. TYPE LOCALITY: “Montivideo in Brasilien” [= Uruguay] [1S in NMW].

*Anthrax vicina* Macquart, 1840: 75 [1841: 353]. TYPE LOCALITY: “Brésil, depuis l’embouchure de l’Uruguay jusqu’aux Missions” [error, = Brazil (Minas Gerais) (from type specimen label data)] [H in MNHN\*].

DISTRIBUTION: **Neotropical**: Argentina, Brazil (Minas Gerais), Uruguay.

**ambigua**

*Anthrax ambigua* Lynch Arribálzaga, 1878: 268. TYPE LOCALITY: Argentina [T in MACN].

DISTRIBUTION: **Neotropical**: Argentina.

**andamanensis**

*Villa andamanensis* Bhalla, Grewel & Kapoor, 1991: 20. TYPE LOCALITY: India (Andaman Is) [H in INPC].

DISTRIBUTION: **Oriental**: India (Andaman Is).

**angularis**

*Anthrax angularis* Thomson, 1869: 482. TYPE LOCALITY: Australia (NSW) [H in NHRS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, NT, Queensland, SA, WA).

**anthophoroides**

*Villa anthophoroides* Hesse, 1956b: 504. TYPE LOCALITY: South Africa (Northern Cape) [4S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Northern Cape).

**aperta**

*Anthrax aperta* Walker, 1852: 180. TYPE LOCALITY: "East India" [= India] [H in BMNH\*].

DISTRIBUTION: **Oriental:** India (Arunchal Pradesh, Assam, Himachal Pradesh, Meghalaya, Uttar Pradesh).

**apicifera**

*Anthrax apicifera* Walker, 1865: 111. TYPE LOCALITY: "New Guinea" [= Indonesia (Irian Jaya)] [T in UNKN].

DISTRIBUTION: **Australasian/Oceanian:** Indonesia (Irian Jaya).

**apiformis**

*Villa apiformis* Hesse, 1956b: 503. TYPE LOCALITY: South Africa (Northern Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Northern Cape, Western Cape).

**apparens**

*Anthrax apparens* Walker, 1852: 180. TYPE LOCALITY: "Cape" [= South Africa (Western Cape)] [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

**approximata**

*Anthrax approximata* Brunetti, 1917: 74. TYPE LOCALITY: India (Himachal Pradesh) [H in NZSI].

DISTRIBUTION: **Oriental:** India (Assam, Bihar, Himachal Pradesh, Meghalaya, West Bengal), Sri Lanka.

**aprica**

*Villa aprica* Roberts, 1928a: 122. TYPE LOCALITY: Australia (NSW) [H (lost?) in MAMU].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW).

**aquila**

*Villa aquila* Hall, 1976a: 188. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical:** Chile.

*aquila*

*Villa aquila* Yao, Yang & Evenhuis, 2009: 51. TYPE LOCALITY: China (Ningxia) [H in CAU]. [Preoccupied by Hall, 1976.]

DISTRIBUTION: **Palearctic:** China (Ningxia).

**arenicola**

*Anthrax lateralis* ssp. *arenicola* Johnson, 1908: 15. TYPE LOCALITY: USA (New Jersey) [L designated by Hall in Evenhuis (1982b: 4) in MCZ\*].

DISTRIBUTION: **Nearctic:** Canada (Ontario), USA (Massachusetts, Nevada, New Jersey, Utah, Washington, Wyoming).

**argentiflua**

*Anthrax argentiflua* Philippi, 1865: 668. TYPE LOCALITY: Chile [N designated by Hall (1976a: 190) in MEUC\*].

DISTRIBUTION: **Neotropical:** Chile.

**argentina**

*Villa argentina* Bezzi, 1921a: 128. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Western Cape).

**argentipennis**

*Anthrax argentipennis* White, 1916: 212. TYPE LOCALITY: Australia (Queensland) [3S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**ariditata**

*Villa ariditata* Cole, 1923: 295. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur, Baja California Norte, Sonora).

**aspiculata**

*Villa aspiculata* Hesse, 1956b: 497. TYPE LOCALITY: South Africa (Western Cape) [3S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**aspros**

*Villa aspros* Yao, Yang & Evenhuis, 2008: 53. TYPE LOCALITY: China (Henan) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Beijing, Henan).

**atra**

*Villa lateralis* var. *atra* Painter, 1926b: 209. TYPE LOCALITY: USA (New Jersey) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Alabama, Arkansas, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Oklahoma, Oregon, South Dakota, Tennessee).

**atricauda**

*Villa atricauda* Austen, 1937: 137. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel, Syria.

**atrisquama**

*Villa atrisquama* Bezzi, 1924a: 187. TYPE LOCALITY: “Abyssinia” [= Ethiopia] [7S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ethiopia, Kenya.

**aureohirta**

*Villa aureohirta* Brunetti, 1909a: 223 (as “*aureo-hirta*”). TYPE LOCALITY: India (West Bengal) [H in NZSI].

DISTRIBUTION: **Oriental**: India (Andhra Pradesh, West Bengal).

**aurepilosa**

*Villa aurepilosa* Du & Yang, 1990: 285. TYPE LOCALITY: China (Liaoning) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Liaoning).

**aurocincta**

*Anthrax aurocinctus* Bigot, 1892: 354. TYPE LOCALITY: “Sénégal” [= Gambia or Senegal] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Senegal.

**baluchiana**

*Anthrax baluchianus* Brunetti, 1920: 250. TYPE LOCALITY: "Baluchistan" [= Pakistan] [H in NZSI].

DISTRIBUTION: **Oriental:** India (Kashmir), Pakistan.

**barbiventris**

*Anthrax barbiventris* Rondani, 1868: 36. TYPE LOCALITY: Argentina [H in MZUF].

DISTRIBUTION: **Neotropical:** Argentina.

**belanovskyi**

*Villa leucopyga* Belanovsky, 1950: 137. TYPE LOCALITY: Tajikistan [H in SIZK]. [Pre-occupied by Macquart, 1840.]

*Villa belanovskyi* Evenhuis & Greathead, 1999: 490 (new replacement name for *Villa leucopyga* Belanovsky, 1950).

DISTRIBUTION: **Palaeartic:** Tajikistan.

**bicingulata**

*Anthrax bicingulata* Macquart, 1840: 72 [1841: 350]. TYPE LOCALITY: Greece (Naxos) [L designated by Evenhuis & Greathead (1999: 645) in MNHN\*].

DISTRIBUTION: **Palaeartic:** Greece (incl. Naxos).

**bigoti**

*Villa bigoti* Hall, 1976a: 191. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical:** Chile.

**bivirgata**

*Villa bivirgata* Austen, 1937: 137. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Yemen. **Palaeartic:** Egypt, Israel, Kuwait, Saudi Arabia, Syria.

**bizonata**

*Villa bizonata* Becker, 1916: 29. TYPE LOCALITY: Turkey [H (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaeartic:** Turkey.

**bombiformis**

*Villa bombiformis* Becker, 1916: 29. TYPE LOCALITY: Turkey [H in ZSMC].

DISTRIBUTION: **Palaeartic:** Turkey.

**bravae**

*Villa bravae* Bezzi, 1920: 107. TYPE LOCALITY: Cape Verde Is [2S in MCSN].

DISTRIBUTION: **Afrotropical:** Cape Verde Is.

**brunettii**

*Anthrax hottentotta* var. *claripennis* Brunetti, 1909a: 452. TYPE LOCALITY: India (Uttar Pradesh) [H in NZSI]. [Preoccupied by Kowarz, 1868.]

*Villa brunettii* Evenhuis & Greathead, 1999: 490 (new replacement name for *Anthrax claripennis* Brunetti, 1909).

DISTRIBUTION: **Oriental:** India (Uttar Pradesh), Pakistan.

**brunnea**

*Villa brunnea* Becker, 1916: 30. TYPE LOCALITY: Greece & "Kl.-Asien" [= Turkey] [1S (destroyed) in HNHM (see Note 9); 1S in ZSMC].

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, Bulgaria, Croatia, Cyprus, France (incl. Corsica), Greece, Iran, Gruzia, Italy (incl. Sicily), Moldova, Russia (SET), Spain, Turkey, Ukraine, Yugoslavia.

**bryht**

*Villa bryht* Yang, Yao & Cui, 2012: 196. TYPE LOCALITY: Taiwan [H in OMNH].  
DISTRIBUTION: **Oriental**: Taiwan.

**camposi**

*Villa camposi* Hall, 1976a: 263. TYPE LOCALITY: Chile [H in MEUC\*].  
DISTRIBUTION: **Neotropical**: Chile.

**cana**

*Anthrax cana* Meigen, 1804: 201. TYPE LOCALITY: France [T in UNKN].  
*Anthrax 5-fasciata* Pallas in Wiedemann, 1818a: 14. *Nomen nudum*.  
*Anthrax quinquefasciata* Wiedemann in Meigen, 1820: 150. TYPE LOCALITY: “Süd-russland” [T in UNKN].  
*Anthrax blandus* Loew, 1869b: 181. TYPE LOCALITY: “Makri” [= Greece] [H in ZMHB\*].  
*Villa inquieta* Becker, 1916: 35. TYPE LOCALITY: France (Corsica) [4S in ZMHB\*].  
*Villa mus* Becker, 1916: 36. TYPE LOCALITY: Armenia [H in ZSMC].  
DISTRIBUTION: **Palaeartic**: Afghanistan, Algeria, Armenia, Austria, Azerbaijan, Bulgaria, Croatia, Czech Republic, Egypt, France (incl. Corsica), Greece, Gruzia, Iran, Italy (incl. Sicily), Kazakhstan, Libya, Macedonia, Malta, Moldova, Romania, Russia (SET), Slovenia, Spain, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Yugoslavia.

**candidata**

*Villa candidata* Bezzi, 1924a: 188. TYPE LOCALITY: Sierra Leone [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Sierra Leone.

**castellana**

*Anthrax niphobleta* var. *castellana* Strobl in Czerny & Strobl, 1909: 146. TYPE LOCALITY: Spain [H in NMBA].  
DISTRIBUTION: **Palaeartic**: Spain.

**ceballosi**

*Villa ceballosi* Andréu Rubio, 1959: 17. TYPE LOCALITY: Morocco [3S in MNCN].  
DISTRIBUTION: **Palaeartic**: Italy (incl. Sicily), Morocco, Spain.

**cerussata**

*Villa cerussata* Yang, Yao & Cui, 2012: 198. TYPE LOCALITY: China (Nei Monggol) [H in SEMCAS].  
DISTRIBUTION: **Oriental**: China (Nei Monggol).

**chionalis**

*Villa chionalis* Hesse, 1956b: 508. TYPE LOCALITY: South Africa (Western Cape) [3S in SAMC\*; 1S in BPBM\*].  
DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**chorassani**

*Hemipenthes chorassani* Becker & Stein, 1912: 604. *Nomen nudum*.  
*Hemipenthes chorassani* Becker in Becker & Stein, 1913a: 553. TYPE LOCALITY: “Chorassan” [= Iran] [L designated by Zaitzev (1972d: 907) in ZIS].  
DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Gruzia, Iran, Turkmenistan.

**chromolepida**

*Villa chromolepida* Cole, 1922: 21. TYPE LOCALITY: USA (California) [H in CAS].  
DISTRIBUTION: **Nearctic**: USA (California).

**chrysothrix**

*Villa chrysothrix* Bezzi, 1924a: 186. TYPE LOCALITY: “N.-W. Rhodesia” [= Zambia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Zambia.

**cingulata**

*Anthrax cingulata* Meigen, 1804: 199. TYPE LOCALITY: Not given [= France, Germany, or Italy (see Meigen, 1818: x)] [1S in MNHN\*; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Albania, Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Croatia, Czech Republic, Finland, France, Germany, Greece, Gruzia, Hungary, Iran, Italy (incl. Sardinia, Sicily), Luxemburg, Macedonia, Moldova, Netherlands, Poland, Portugal, Romania, Russia (ES, SET), Slovakia, Slovenia, Spain, Sweden, Switzerland, UK (Great Britain), Ukraine, Yugoslavia.

**cingulum**

*Anthrax cingulum* Wiedemann in Meigen, 1820: 152. TYPE LOCALITY: Portugal [2S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Belgium, France, Greece, Gruzia, Italy (incl. Sicily), Portugal, Spain, Yugoslavia.

**clara**

*Anthrax clara* Walker, 1852: 179. TYPE LOCALITY: “East India” [= India] [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Andhra Pradesh, Assam, Uttar Pradesh).

**claripennis**

*Anthrax claripennis* Kowarz, 1868: 324. TYPE LOCALITY: Slovakia [L designated by Evenhuis & Greathead (1999: 646) in UMO\*].

DISTRIBUTION: **Palaeartic**: Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Croatia, Czech Republic, France, Greece, Gruzia, Hungary, Italy (incl. Sicily), Kazakhstan, Moldova, Poland, Romania, Russia (SET), Slovakia, Spain, Ukraine.

**clarissima**

*Anthrax clarissima* Loew, 1857b: 80. TYPE LOCALITY: “Syrien” [= Syria or Lebanon] & Cyprus [1S in ZMHB\*].

*Anthrax cyprigna* Rondani, 1863: 64 [1864: 64]. TYPE LOCALITY: Cyprus [H in MZUN].

*Villa noscibilis* Austen, 1937: 141. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Bulgaria, Cyprus, Greece, Gruzia, Israel, Italy (incl. Sicily), Libya, Syria, Yugoslavia.

**clausa**

*Anthrax clausa* Brunetti, 1909a: 454, 477. TYPE LOCALITY: “Lower Burma” [= Myanmar] [H in NZSI].

DISTRIBUTION: **Oriental**: Myanmar.

**colombiana**

*Anthrax vicina* Macquart, 1846: 240(112). TYPE LOCALITY: “Colombie” [= Colombia, Ecuador, or Venezuela] [T (lost?) in MNHN]. [Preoccupied by Macquart, 1840.]

*Villa colombiana* Evenhuis & Greathead, 1999: 492 (new replacement name for *Anthrax vicina* Macquart, 1846).

DISTRIBUTION: **Neotropical**: Colombia.



**commista**

*Anthrax commista* Macquart, 1850: 413(109). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [probably = Australia (NSW)] [H in MNHN\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**congrua**

*Anthrax congrua* Walker, 1852: 186. TYPE LOCALITY: Not given [= unknown] [H (lost) in BMNH (J.E. Chainey, pers. comm.)].

DISTRIBUTION: **Patria Ignota**: Unknown.

**connexa**

*Anthrax connexa* Macquart, 1855: 96(76). TYPE LOCALITY: USA (Maryland) [1S in BMNH\*; 1S in MNHN].

DISTRIBUTION: **Nearctic**: USA (Maryland). **Neotropical**: ?Cuba.

**consessor**

*Anthrax consessor* Coquillett, 1887c: 165. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 646) in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (Arizona, California, Colorado, Kansas, New Mexico, Utah).

**consimilis**

*Anthrax consimilis* Thomson, 1869: 481. TYPE LOCALITY: Australia (NSW) [H in NHRS].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**costata**

*Anthrax costata* Say, 1824: 373. TYPE LOCALITY: USA (“Northwest Territory”) [T (destroyed) in ANSP (see Note 25)].

DISTRIBUTION: **Nearctic**: USA (“Northwest Territory”).

**curvirostra**

*Anthrax curvirostra* Thomson, 1869: 483. TYPE LOCALITY: Galapagos Is [H in NHRS].

DISTRIBUTION: **Neotropical**: Galapagos Is.

**delicata**

*Villa delicata* Bowden, 1962b: 54. TYPE LOCALITY: Congo [H in MRAC].

DISTRIBUTION: **Afrotropical**: Congo.

**deludens**

*Villa deludens* François, 1966a: 182. TYPE LOCALITY: Greece [H in KBIN\*].

DISTRIBUTION: **Palaeartic**: Czech Republic, France, Greece, Italy, Slovakia, Turkey, Yugoslavia.

**detecta**

*Anthrax detecta* Walker, 1852: 181. TYPE LOCALITY: “South America” [H in BMNH\*].

*Anthrax bipenicillatus* Bigot, 1892: 357. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile, Peru.

**dia**

*Anthrax dia* Wiedemann, 1824: 23. TYPE LOCALITY: “Tranquebar” [= India (Tamil Nadu)] [H in ZMUC].

DISTRIBUTION: **Oriental**: India (Tamil Nadu).

**diminutiva**

*Anthrax diminutiva* Macquart, 1846: 241(113). TYPE LOCALITY: “Colombie” [= Colombia, Ecuador, or Venezuela] [H in MNHN\*].

DISTRIBUTION: **Neotropical**: Colombia.

**dioscoridae**

*Villa dioscoridae* Greathead, 1969: 73. TYPE LOCALITY: Yemen (Socotra) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen (Abd-el-Kuri, Socotra).

**disparilis**

*Villa disparilis* Bowden, 1964a: 100. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**distincta**

*Anthrax distincta* Meigen in Waltl, 1835: 111 [1838: 63]. TYPE LOCALITY: Spain [H in MNHN\*].

DISTRIBUTION: **Palaearctic**: Algeria, France (incl. Corsica), Greece, Italy, Morocco, Spain, Turkey.

**dizona**

*Anthrax dizona* Loew, 1860a: 90 [1860b: 288; 1860c: 216]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [H in ZMHB\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**doriae**

*Villa doriae* Bezzi, 1922b: 108. TYPE LOCALITY: Tunisia [H in MCSN].

DISTRIBUTION: **Palaearctic**: Tunisia.

**dubia**

*Anthrax dubia* Macquart, 1840: 73 [1841: 351]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**duplex**

*Anthrax congrua* Walker, 1859: 112. TYPE LOCALITY: Indonesia (Sulawesi) [H in BMNH\*]. [Preoccupied by Walker, 1852.]

*Villa duplex* Bowden, 1975b: 177 (new replacement name for *Anthrax congrua* Walker, 1859).

DISTRIBUTION: **Oriental**: Indonesia (Sulawesi).

**efflatouni**

*Villa efflatouni* El-Hawagry & Greathead, 2006: 28. TYPE LOCALITY: Egypt [H in EFC].

DISTRIBUTION: **Palaearctic**: Egypt.

**eucnemis**

*Villa eucnemis* François, 1961a: 36. *Nomen nudum*.

*Villa eucnemis* François, 1961b: 118. TYPE LOCALITY: Burundi [H in KBIN\*].

DISTRIBUTION: **Afrotropical**: Burundi.

**euzona**

*Anthrax euzonus* Loew, 1869b: 184. TYPE LOCALITY: Spain [2S in ZMHB\*].

DISTRIBUTION: **Palaearctic**: France, Italy (incl. Sicily), Spain.

**fallax**

*Villa fallax* Austen, 1937: 139. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel, Syria.

**fasciata**

*Anthrax fasciata* Meigen, 1804: 200. TYPE LOCALITY: France [T in UNKN].

*Anthrax circumdata* Meigen, 1820: 143 (unjustified new replacement name for *Anthrax fasciata* Meigen, 1804) [L designated by Lyneborg (1965: 163) in MNHN unnecessary].

*Anthrax venusta* Meigen, 1820: 145. TYPE LOCALITY: “Vaterland mir unbekannt, wahrscheinlich aber das südliche Frankreich” [= ?France] [H in MNHN\*].

*Anthrax margaritifera* Dufour, 1833: 214 [1836: 470]. TYPE LOCALITY: Spain [T (lost) in MNHN].

*Anthrax dolosa* Jaenicke, 1867a: 65. TYPE LOCALITY: “Gallia mer.” [= France] & “Hispania” [= Spain] [1S in SMFD; 2S in ZMHB\*].

*Anthrax stoehades* Jaenicke, 1867a: 66. TYPE LOCALITY: France [T (lost) in SMFD].

*Anthrax turbidus* Loew, 1869b: 176. TYPE LOCALITY: “Andalusien” [= Spain] [3S in ZMHB\*].

*Anthrax circumdata* var. *alisporsushyalinus* Strobl in Czerny & Strobl, 1909: 146 (as “*alis prorsus hyalinus*”). TYPE LOCALITY: Spain [T in NMBA]. [Name deemed valid by virtue of Art. 31(d)(i) of the I.Z.C.N. Code.]

*Anthrax circumdata* var. *fulvimaculatus* Santos Abreu, 1926: 51(11). TYPE LOCALITY: Canary Is [S in MABC].

*Villa circumdata* ssp. *algeciras* Strobl in Hull, 1973: 373. *Nomen nudum*.

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Bulgaria, Canary Is, China, Croatia, Czech Republic, Denmark, Egypt, Finland, France, Greece, Gruzia, Hungary, Iran, Italy (incl. Sardinia, Sicily), Kazakhstan, Libya, Macedonia, Moldova, Mongolia, Morocco, Poland, Romania, Russia (ES, SET), Slovakia, Slovenia, Spain (incl. Mallorca), Sweden, Switzerland, Syria, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, UK (Great Britain), Yugoslavia.

**fasciculata**

*Villa fasciculata* Becker, 1916: 33. TYPE LOCALITY: Greece [H in ZSMC].

*Villa orientalis* Zaitzev, 1966b: 356. TYPE LOCALITY: Gruzia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Cyprus, France, Greece (incl. Corfu, Lesbos, Zakynthos), Gruzia, Hungary, Italy (incl. Sicily), Kazakhstan, Moldova, Mongolia, Russia (SET), Spain, Turkey, Turkmenistan, Ukraine, Uzbekistan.

**fasciventris**

*Anthrax fasciventris* Macquart in Lucas, 1847: pl. 3, fig. 9 [1849: 459]. TYPE LOCALITY: Algeria [1S in MNHN\*].

DISTRIBUTION: **Palaeartic**: Algeria.

**fauna**

*Anthrax fauna* Fabricius, 1805: 126. TYPE LOCALITY: “Insulis Americae meridionalis” [= U.S. Virgin Is] [3S in ZMHB\*; 4S in ZMUC; ?4S in SMFD].

DISTRIBUTION: **Neotropical**: Bahamas, British Virgin Is, Cuba, Puerto Rico, U.S. Virgin Is.

**festiva**

*Anthrax albifacies* Rondani, 1863: 63 [1864: 63]. TYPE LOCALITY: Chile [H in MZUN]. [Preoccupied by Macquart, 1840.]

*Anthrax festiva* Philippi, 1865: 668. TYPE LOCALITY: Chile [N designated by Hall (1976a: 196) in MEUC\*].

*Anthrax calvescens* Philippi, 1865: 673. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical**: Chile.

**filicornis**

*Anthrax filicornis* Hesse, 1956b: 488. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**fissa**

*Anthrax fissus* Bigot, 1892: 354. TYPE LOCALITY: “Amérique du nord” [H in BMNH\*].

DISTRIBUTION: **Nearctic**: “Amérique du nord”.

**flavalis**

*Anthrax flavalis* Hesse, 1956b: 499. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**flaveola**

*Anthrax flaveola* Macquart, 1850: 413(109). TYPE LOCALITY: “Nouvelle-Hollande, côte orientale” [probably = Australia (NSW)] [H in MNHN\*].

*flaviata*, incorrect original spelling of *flaveola* [Macquart, 1850: 473(169)].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**flavicincta**

*Villa flavicincta* Cole, 1923: 298. TYPE LOCALITY: Mexico (Sonora) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Sonora).

**flavicrura**

*Villa flavicrura* Hall, 1976a: 197. TYPE LOCALITY: Chile [L designated by Evenhuis & Greathead (1999: 671) in USNM\*].

DISTRIBUTION: **Neotropical**: Chile.

**flavida**

*Villa flavida* Yao, Yang & Evenhuis, 2008: 56. TYPE LOCALITY: China (Beijing) [H in CAU].

DISTRIBUTION: **Palearctic**: China (Beijing, Hebei).

**flavipes**

*Anthrax flavipes* Loew, 1860a: 90 [1860b: 287; 1860c: 215]. TYPE LOCALITY: “Caffraria” [= South Africa (Eastern Cape)] [1S in ZMHB\*; 1S in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**flavocostalis**

*Villa flavocostalis* Painter, 1926b: 210. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado, Texas).

**fletcheri**

*Anthrax fletcheri* Brunetti, 1920: 236. TYPE LOCALITY: “Mysore” [= India (Karnataka)] [H in BMNH\*].

*Anthrax guttatipennis* Brunetti, 1920: 237. TYPE LOCALITY: “Ceylon” [= Sri Lanka] [H in BMNH\*].

DISTRIBUTION: **Oriental:** India (Karnataka), Sri Lanka.

**fucata**

*Villa fucata* Hall, 1976a: 198. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical:** Chile.

**fulviana**

*Anthrax fulviana* Say, 1824: 372. TYPE LOCALITY: USA (“Northwest territory”) [T (destroyed) in ANSP (see Note 25)].

DISTRIBUTION: **Nearctic:** Canada (Alberta, British Columbia, Manitoba, New Brunswick, Nova Scotia, Ontario, Quebec, Saskatchewan), USA (Arizona, California, Colorado, Idaho, Iowa, Maine, Michigan, Minnesota, Montana, Nebraska, Nevada, New Hampshire, New Mexico, New York, North Dakota, Oregon, South Dakota, Utah, Vermont, Washington, Wisconsin, Wyoming).

**fulvipeda**

*Anthrax fulvipeda* Rondani, 1863: 63 [1864: 63]. TYPE LOCALITY: Chile [H in MZUN].

*Anthrax vulpecula* Philippi, 1865: 668. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

*Anthrax bipartita* Jaenicke, 1867b: 338 [1868: 30]. TYPE LOCALITY: Chile [3S in SMFD].

*Anthrax fulvipes* Kertész, 1909: 38 (unjustified emendation of *Anthrax fulvipeda* Rondani, 1863). [Preoccupied by Loew, 1860.]

DISTRIBUTION: **Neotropical:** Chile.

**fulvipleura**

*Villa fulvipleura* Hesse, 1956b: 489. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (KwaZulu-Natal), Zimbabwe.

**fumea**

*Villa fumea* Roberts, 1928a: 127. TYPE LOCALITY: Australia (NSW) [H (lost?) in MAMU].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW).

**fumicosta**

*Villa fumicosta* Painter in Painter & Painter, 1962: 106. TYPE LOCALITY: USA (Florida) [H in USNM\*].

DISTRIBUTION: **Nearctic:** Canada (Ontario), Mexico (Coahuila de Zaragoza), USA (Florida, Georgia, Ohio, Texas).

**fumipennis**

*Anthrax fumipennis* Wiedemann, 1828: 267. TYPE LOCALITY: “Vaterland?” [= unknown] [T (lost) in ZMHB].

DISTRIBUTION: **Patria Ignota:** Unknown.

**furvata**

*Villa furcata* Du & Yang, 2009: 321. TYPE LOCALITY: China (Shanxi) [H in CAU].

DISTRIBUTION: **Palaeartic:** China (Shanxi).

**fuscicostata**

*Anthrax fuscicostata* Macquart, 1846: 239(111). TYPE LOCALITY: Australia (Tasmania) [L designated by Bowden (1971c: 306) in MNHN\*].

*Anthrax marginata* Walker, 1852: 178. TYPE LOCALITY: “Van Diemen’s Land” [= Australia (Tasmania)] [L designated by Evenhuis & Greathead (1999: 649) in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW, Queensland, Tasmania, Victoria).

**fuscolimbata**

*Anthrax fuscolimbata* Brunetti, 1917: 75. TYPE LOCALITY: India (Himachal Pradesh) [3S in NZSI].

DISTRIBUTION: **Oriental:** India (Himachal Pradesh, Tamil Nadu, Uttar Pradesh).

**galla**

*Villa galla* Greathead, 1967: 255. TYPE LOCALITY: Ethiopia [H in BMNH\*].

DISTRIBUTION: **Afrotropical:** Chad, Eritrea, Ethiopia, Kenya, Niger. **Palaeartic:** Saudi Arabia.

**gariiepina**

*Villa gariiepina* Hesse, 1956b: 494. TYPE LOCALITY: South Africa (Northern Cape) [7S in SAMC].

DISTRIBUTION: **Afrotropical:** South Africa (Northern Cape).

**gemella**

*Anthrax gemella* Coquillett, 1892c: 182. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (California).

**gooti**

*Villa gooti* François, 1969d: 155. TYPE LOCALITY: Italy [H in ZMAN].

DISTRIBUTION: **Palaeartic:** Italy.

**gracilis**

*Anthrax gracilis* Macquart, 1840: 76 [1841: 354]. TYPE LOCALITY: USA (Pennsylvania) [T in UNKN (originally in Serville Collection)].

DISTRIBUTION: **Nearctic:** USA (Pennsylvania).

**guttapennis**

*Villa guttapennis* Hall, 1976a: 201. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical:** Chile.

**haesitans**

*Villa haesitans* Becker, 1916: 33. TYPE LOCALITY: Greece & Turkey [S (destroyed) in HNHM (see Note 9); 2S in ZMHB\*; S in ZSMC].

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, Egypt, Greece, Gruzia, Iran, Italy, Turkey.

**halteralis**

*Anthrax halteralis* Kowarz, 1883: 169. TYPE LOCALITY: “Böhmen” [= Czech Republic] [4S in UMO\*].

DISTRIBUTION: **Palaeartic:** Armenia, Austria, Azerbaijan, Bulgaria, Canary Is, Czech Republic, Finland, France, Germany, Greece, Gruzia, Hungary, Italy (incl. Sicily), Moldova, Poland, Romania, Russia (SET), Slovakia, Spain, Sweden, Switzerland, Ukraine.

**handfordi**

*Villa handfordi* Curran, 1935: 1. TYPE LOCALITY: Canada (Manitoba) [H in CNC\*].  
DISTRIBUTION: **Nearctic**: Canada (Manitoba).

**harroyi**

*Villa harroyi* François, 1961a: 36. *Nomen nudum*.  
*Villa harroyi* François, 1961b: 122. TYPE LOCALITY: Burundi [H in KBIN\*].  
DISTRIBUTION: **Afrotropical**: Burundi.

**harveyi**

*Anthrax harveyi* Hine, 1904: 88. TYPE LOCALITY: Canada (British Columbia) [H in OSUC].  
DISTRIBUTION: **Nearctic**: Canada (British Columbia), USA (Colorado, Washington, Wyoming).

**hermannloewi**

*Anthrax mucorea* Loew, 1869c: 27 [1872c: 141]. TYPE LOCALITY: USA (Nebraska) [H in MCZ\*]. [Preoccupied by Klug, 1832.]  
*Villa hermannloewi* Evenhuis & Greathead, 1999: 498 (new replacement name for *Anthrax mucorea* Loew, 1869).  
DISTRIBUTION: **Nearctic**: Canada (Alberta), USA (Arizona, Colorado, Nebraska, Wyoming).

**hilarii**

*Anthrax hilarii* Macquart, 1840: 75 [1841: 353]. TYPE LOCALITY: Brazil (Goiás) [L designated by Evenhuis & Greathead (1999: 647) in MNHN\*].  
DISTRIBUTION: **Neotropical**: Argentina, Brazil (Goiás).

**hottentotta**

*Musca hottentotta* Linnaeus, 1758: 590. TYPE LOCALITY: “Europa” [probably = Sweden] [2S in LSUK].  
*Nemotelvs primvs* Schaeffer, 1766: pl. 12, fig. 10. [Unavailable; name proposed in a non-binominal work.]  
*Nemotelvs secvndvs* Schaeffer, 1766: pl. 12, fig. 11. [Unavailable; name proposed in a non-binominal work.]  
*Nemotelvs tertivs* Schaeffer, 1766: pl. 12, fig. 12. [Unavailable; name proposed in a non-binominal work.]  
*Anthrax flava* Hoffmannsegg in Wiedemann, 1818a: 14. *Nomen nudum*.  
*Anthrax flava* Meigen, 1820: 143. TYPE LOCALITY: France & “Deutschland” [= Germany] [1S in MNHN\*; 4S in ZMHB\*].  
*Villa suprema* Becker, 1916: 40. TYPE LOCALITY: “Kleinasien” [= Greece, Syria, or Turkey] [2S in ZSMC].  
*Villa hottentotta* var. *panirica* Belanovsky, 1950: 138. TYPE LOCALITY: Tajikistan [2S in SIZK].  
DISTRIBUTION: **Palaeartic**: Afghanistan, Albania, Algeria, Andorra, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, China, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece (incl. Lesbos), Gruzia, Hungary, Iran, Ireland, Italy (incl. Sardinia, Sicily), Kyrgyz Republic, Latvia, Lithuania, Luxemburg, Macedonia, Malta, Moldova, Mongolia, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia (CET, ES, NET, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, UK (Great Britain, Northern Ireland), Uzbekistan, Yugoslavia.

**hyalina**

*Anthrax hyalina* Wiedemann, 1821b: 141. TYPE LOCALITY: Indonesia (Java) [2S in ZMUC].

DISTRIBUTION: **Oriental:** Indonesia (Java).

**hyalinipennis**

*Anthrax hyalinipennis* Blanchard, 1854: 382. TYPE LOCALITY: Chile [N designated by Hall (1976a: 204) in MEUC\*].

DISTRIBUTION: **Neotropical:** Chile.

**hybrida**

*Villa hybrida* Hesse, 1956b: 490. TYPE LOCALITY: “Bechuanaland” [= Botswana] [H in SAMC].

DISTRIBUTION: **Afrotropical:** Botswana, Namibia, South Africa (Free State, North-West Province).

**hypomelas**

*Anthrax hypomelas* Macquart, 1840: 76 [1841: 354]. TYPE LOCALITY: “Amérique septentrionale” [H in MNHN\*].

DISTRIBUTION: **Nearctic:** Canada (Alberta, Manitoba, Ontario, Quebec, Saskatchewan), USA (Maine, Massachusetts, Michigan, Minnesota, Montana, New Hampshire, New York, North Carolina, North Dakota, Ohio, South Dakota, Vermont, Wisconsin).

**inculta**

*Anthrax inculta* Coquillett, 1892c: 181. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic:** USA (Arizona, California, Colorado, Utah).

**insignis**

*Villa insignis* Austen, 1937: 133. TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic:** Israel, Syria.

**ixion**

*Anthrax ixion* Fabricius, 1794: 261. TYPE LOCALITY: “Italia” [probably = Italy] [L designated by François, 1969c: 155) in ZMUC].

*Anthrax humilis* Ruthe, 1831: 1216. TYPE LOCALITY: Germany [T in MDRG].

*Anthrax mucida* Zeller, 1840: 27. TYPE LOCALITY: Germany & Poland [1S in ZMHB\*].

*Anthrax pygarga* Loew, 1869a: 382. TYPE LOCALITY: Turkey [11S in ZMHB\*; 1S in NMW].

*Anthrax senecio* Loew, 1869b: 188. TYPE LOCALITY: Greece (Corfu) [1S in UMO\*; 2S in ZMHB\*; 1S in NMW\*].

*Anthrax albulus* Loew, 1869b: 189. TYPE LOCALITY: Greece (Rhodes) & “Makri” [= Greece] [1S in UMO\*; 7S in ZMHB\*].

*Villa quinta* Becker, 1916: 39. TYPE LOCALITY: “Klein-Asien” [= Turkey] [H (destroyed) in HNHM (see Note 9)].

DISTRIBUTION: **Palaeartic:** Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Egypt, France, Greece (incl. Corfu, Lesbos, Rhodes), Hungary, Iran, Israel, Italy, Libya, Macedonia, Moldova, Morocco, Poland, Romania, Russia (SET), Slovakia, Slovenia, Spain, Switzerland, Turkey, Ukraine, Yugoslavia.



**johnsoni**

*Villa lateralis* var. *johnsoni* Painter, 1926b: 207. TYPE LOCALITY: USA (New York) [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Delaware, Maryland, New Jersey, New York, North Carolina, Pennsylvania, Virginia).

**kaokoensis**

*Villa kaokoensis* Hesse, 1956b: 505. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**karasana**

*Villa karasana* Hesse, 1956b: 497. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**karoensis**

*Villa karoensis* Hesse, 1956b: 482. TYPE LOCALITY: South Africa (Western Cape) [1S in BMNH\*; 16S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**kopanghatiensis**

*Villa kopanghatiensis* Bhalla, Grewel & Kapoor, 1991: 21. TYPE LOCALITY: India (Andaman Is) [H in INPC].

DISTRIBUTION: **Oriental**: India (Andaman Is).

**kuehlhorni**

*Villa kuehlhorni* François, 1969d: 165. TYPE LOCALITY: Iran [H in ZSMC].

DISTRIBUTION: **Palaeartic**: Iran.

**laevis**

*Villa laevis* Becker, 1915a: 318. TYPE LOCALITY: Tunisia [7S (destroyed) in HHNM (see Note 9); 1S in ZMHB\*].

*Villa inconstans* Becker, 1916: 34. TYPE LOCALITY: Tunisia [2S (destroyed) in HHNM (see Note 9)].

DISTRIBUTION: **Palaeartic**: Egypt, Morocco, Tunisia, Turkey.

**lasia**

*Anthrax lasia* Wiedemann, 1824: 23. TYPE LOCALITY: “Prom. bon. sp.” [= South Africa (Western Cape)] [H in ZMUC].

DISTRIBUTION: **Afrotropical**: Namibia, South Africa (Eastern Cape, Northern Cape, Western Cape).

**lateralis**

*Anthrax lateralis* Say, 1823: 42. TYPE LOCALITY: USA (Maryland & Pennsylvania) [S (destroyed) in ANSP (see Note 25); 1S in NMW].

*Anthrax faustina* Osten Sacken, 1887a: 136. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 108) in BMNH\*].

*Anthrax alternata* var. *fulvipes* Coquillett, 1887c: 166. TYPE LOCALITY: USA (Arizona) [H in USNM\*]. [Preoccupied by Loew, 1860.]

*Villa lateralis* ssp. *semifulvipes* Painter in Painter & Painter, 1962: 108 (new replacement name for *Anthrax fulvipes* Coquillett, 1887).

DISTRIBUTION: **Nearctic:** Canada (Alberta, British Columbia, Manitoba, Ontario, Quebec, Saskatchewan). Mexico (Baja California Norte, Baja California Sur, Durango, Guerrero, Hidalgo, México, Morelos, Nuevo León, Puebla, San Luis Potosí, Sinaloa, Sonora, Tiburón I, Veracruz-Llave). USA (Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming). **Neotropical:** Bahamas, British Virgin Is, Costa Rica, Cuba, Dominica, Guadeloupe, Guatemala, Jamaica, Mexico (Chiapas, Oaxaca), Panama, Puerto Rico.

### **lepidopyga**

*Villa lepidopyga* Evenhuis & Arakaki, 1980: 313. TYPE LOCALITY: Philippines [H in BPBM\*].

DISTRIBUTION: **Oriental:** Philippines.

### **leucochila**

*Anthrax leucostoma* Wiedemann, 1821a: 96 [1821b: 146]. TYPE LOCALITY: "Prom. bon. sp." [= South Africa (Western Cape)] [3S in ZMHB\*]. [Preoccupied by Meigen, 1820.]

*Villa leucochila* Bezzi, 1921a: 129 [1924a: 188] (new replacement name for *Anthrax leucostoma* Wiedemann, 1821).

DISTRIBUTION: **Afrotropical:** Lesotho, Mozambique, South Africa (Eastern Cape, Western Cape).

### **leucopyga**

*Anthrax leucopyga* Macquart, 1840: 74 [1841: 252]. TYPE LOCALITY: Indonesia (Timor) [H in MNHN\*].

DISTRIBUTION: **Oriental:** India (Madhya Pradesh, Maharashtra), Indonesia (Timor).

### **leucostoma**

*Anthrax leucostoma* Meigen, 1820: 146. TYPE LOCALITY: France [H in MNHN\*].

DISTRIBUTION: **Palaeartic:** France, Gibraltar, Italy, Moldova, Romania, Russia (SET), Spain, Turkey, Ukraine, Yugoslavia.

### **limbata**

*Anthrax limbata* Coquillett, 1898: 318. TYPE LOCALITY: Japan [H in USNM\*].

DISTRIBUTION: **Oriental:** Taiwan. **Palaeartic:** Japan, Korea.

### **limpida**

*Anthrax limpida* Walker, 1852: 179. TYPE LOCALITY: "East India" [= India] [H in BMNH\*].

DISTRIBUTION: **Oriental:** India.

### **lineata**

*Anthrax lineata* Walker, 1857: 140. TYPE LOCALITY: "Valley of the Amazon" [= Brazil (Amazonas or Pará)] [H in BMNH\*].

DISTRIBUTION: **Neotropical:** Brazil (Acre, Amazonas, Pará).

### **lipposa**

*Glossista lipposa* Bigot, 1892: 353. TYPE LOCALITY: Australia (NSW) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian:** Australia (NSW).

**livia**

*Anthrax livia* Osten Sacken, 1887a: 139. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 114) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, Texas).

**loewii**

*Villa loewii* Hesse, 1956b: 487. TYPE LOCALITY: South Africa (Mpumalanga) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Burundi, Lesotho, Namibia, Rwanda, South Africa (Gauteng, Mpumalanga, “Transvaal”), Uganda, Zimbabwe.

**longicornis**

*Villa circumdata* ssp. *longicornis* Lyneborg, 1965: 165. TYPE LOCALITY: Denmark [H in ZMUC].

DISTRIBUTION: **Palaeartic**: Denmark, Finland, France, Hungary, Norway, Sweden.

**lucens**

*Anthrax lucens* Walker, 1852: 180. TYPE LOCALITY: “East India” [= India] [H in BMNH\*].

DISTRIBUTION: **Oriental**: India.

**lucida**

*Anthrax lucida* Walker, 1852: 179. TYPE LOCALITY: “East India” [= India] [H in BMNH\*].

DISTRIBUTION: **Oriental**: India.

**luculenta**

*Villa luculenta* Séguy, 1941b: 7. TYPE LOCALITY: Morocco [H in MNHN].

DISTRIBUTION: **Palaeartic**: Morocco.

**macquarti**

*Anthrax basalis* Macquart, 1855: 95(75). TYPE LOCALITY: Australia (Queensland) [H in BMNH\*]. [Preoccupied by Walker, 1849.]

*Villa macquarti* Evenhuis, 1989b: 373 (new replacement name for *Anthrax basalis* Macquart, 1855).

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland), ?New Caledonia (New Caledonia).

**manifesta**

*Anthrax manifesta* Walker, 1852: 178. TYPE LOCALITY: “East India” [= India] [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Assam, Himachal Pradesh, Kashmir, Meghalaya, Uttar Pradesh), Nepal, Pakistan, ?Thailand.

**manillae**

*Villa manillae* Evenhuis, 1994b: 20. TYPE LOCALITY: Chile [H in BPBM\*].

DISTRIBUTION: **Neotropical**: Chile.

**melanura**

*Anthrax melanurus* Loew, 1869b: 183. TYPE LOCALITY: Spain [4S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Greece, Gruzia, Iran, Italy (incl. Sicily), Kyrgyz Republic, Mongolia, Russia (WS), Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**merlei**

*Villa merlei* François, 1969d: 168. TYPE LOCALITY: Turkey [H in ZSMC].

DISTRIBUTION: **Palaeartic**: Iran, Turkey, Turkmenistan.

**micrargyra**

*Anthrax micrargyra* Walker, 1871a: 262. TYPE LOCALITY: Egypt [S (lost) in BMNH (see Waterhouse, 1906: 598)].

DISTRIBUTION: **Palaeartic**: Egypt, Saudi Arabia.

**minerva**

*Anthrax minerva* Wiedemann, 1828: 295. TYPE LOCALITY: "Montivideo in Brasilien" [= Uruguay] [L designated by Painter & Painter (1974: 249) in NMW].

*Anthrax costalis* Wiedemann, 1828: 299. TYPE LOCALITY: "Montivideo in Brasilien" [= Argentina (from type specimen label data)] [3S in ZMHB\*].

DISTRIBUTION: **Neotropical**: Argentina, Uruguay.

**miscella**

*Anthrax miscella* Coquillett, 1887c: 171. TYPE LOCALITY: USA (California) [L designated by Evenhuis & Greathead (1999: 650) in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Sur), USA (California, Idaho, Oregon, Washington).

**modesta**

*Anthrax modesta* Meigen, 1820: 146. TYPE LOCALITY: Not given [= France, Germany, or Italy (see Meigen, 1818: x)] [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Albania, Armenia, Azerbaijan, Belgium, Czech Republic, Denmark, France, Germany, Greece, Gruzia, Hungary, Iran, Ireland, Italy (incl. Sicily), Poland, Spain, Sweden, Turkey, Ukraine, UK (Great Britain, Northern Ireland), Yugoslavia.

**moerens**

*Anthrax moerens* Philippi, 1865: 664. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)].

DISTRIBUTION: **Neotropical**: Chile.

**molitor**

*Anthrax molitor* Loew, 1869c: 26 [1872c: 140]. TYPE LOCALITY: USA (California) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Baja California Sur, Sonora), USA (California).

**moneta**

*Anthrax moneta* Osten Sacken, 1887a: 138. TYPE LOCALITY: Mexico (Sonora) [L designated by Painter & Painter (1962: 116) in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona).

**mouchai**

*Villa mouchai* François, 1969d: 169. TYPE LOCALITY: Russia (WS) [H in NMPC].

DISTRIBUTION: **Palaeartic**: Russia (WS), Turkey.

**multibalteata**

*Villa multibalteata* Austen, 1936: 183. TYPE LOCALITY: Cyprus [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Cyprus, Greece, Italy, Turkey.

**mutua**

*Anthrax mutua* Walker, 1849: 256. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**myrmeleonostena**

*Argyromoeba myrmeleonostena* Baba, 1953: 69. TYPE LOCALITY: Japan [T in UNKN (not in TIMJ)].

DISTRIBUTION: **Palaeartic**: Japan.

**myximyia**

*Anthrax muscaria* Coquillett, 1892c: 178. TYPE LOCALITY: USA (California) [1S in AMNH\*; 1S in USNM\*]. [Preoccupied by Pallas, 1818.]

*Villa myximyia* Evenhuis, 1978d: 247 (new replacement name for *Anthrax muscaria* Coquillett, 1892).

DISTRIBUTION: **Nearctic**: Canada (Alberta), USA (California, Colorado, Kansas).

**nebuloso**

*Anthrax nebuloso* Coquillett, 1887c: 165. TYPE LOCALITY: “Washington Territory” [= USA (Idaho or Washington)] [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Idaho or Washington).

**nigra**

*Villa lateralis* var. *nigra* Cresson, 1916: 442. TYPE LOCALITY: USA (New York) [H in ANSP].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Alabama, Arkansas, Colorado, Connecticut, Delaware, Georgia, Kansas, Massachusetts, Michigan, Minnesota, Mississippi, New Jersey, New Hampshire, New York, Ohio, Rhode Island, Texas, Vermont, Virginia, Wisconsin).

**nigricauda**

*Anthrax nigricauda* Loew, 1869c: 24 [1872c: 138]. TYPE LOCALITY: USA (Massachusetts) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Colorado, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Vermont).

**nigriceps**

*Anthrax nigriceps* Macquart in Webb & Berthelot, 1839: 106. TYPE LOCALITY: Canary Is [H (lost) in MNHN].

*Anthrax nigriceps* var. *abdominalis* Santos Abreu, 1926: 54(14). TYPE LOCALITY: Canary Is [S in MABC].

*Villa nigriceps* var. *minor* Frey, 1936: 50. TYPE LOCALITY: Canary Is [21S in MZHF].

DISTRIBUTION: **Palaeartic**: Canary Is.

**nigrifrons**

*Anthrax nigrifrons* Macquart in Webb & Berthelot, 1839: 106. TYPE LOCALITY: Canary Is [H (lost) in MNHN].

DISTRIBUTION: **Palaeartic**: Canary Is.

**nigropecta**

*Villa alternata* var. *nigropectus* Cresson, 1916: 443. TYPE LOCALITY: USA (New Mexico) [H in ANSP].

DISTRIBUTION: **Nearctic**: Canada (Ontario), USA (Kansas, Minnesota, New Mexico, Utah).

**niphobleta**

*Anthrax niphobletus* Loew, 1869b: 186. TYPE LOCALITY: “Magnesia” [= Turkey] [H in ZMHB\*].

*Villa nana* Becker, 1916: 37. TYPE LOCALITY: Tunisia [H in ZSMC].

DISTRIBUTION: **Palaeartic**: Afghanistan, Algeria, Armenia, Azerbaijan, Bulgaria, Cyprus, France, Greece, Gruzia, Iran, Italy (incl. Sardinia, Sicily), Kyrgyz Republic, Morocco, Romania, Russia (ES, WS), Spain, Tajikistan, Tunisia, Turkey, Turkmenia, Uzbekistan, Yugoslavia.

**niphobletoides**

*Villa niphobletoides* Hesse, 1956b: 506. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**nitida**

*Villa nitida* Cole, 1923: 305. TYPE LOCALITY: Mexico (Sonora) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora).

**nivearia**

*Villa nivearia* Hesse, 1956b: 498. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia.

**obliqua**

*Anthrax obliqua* Macquart, 1834: 410. TYPE LOCALITY: “Brésil” [= Brazil or Uruguay] [T in UNKN (originally in Percheron Collection)].

DISTRIBUTION: **Neotropical**: “Brésil” [= Brazil or Uruguay].

**obscura**

*Anthrax obscura* Weber, 1801: 115. TYPE LOCALITY: “Heluetia” [= Switzerland] [S in ?ZMUC].

DISTRIBUTION: **Palaeartic**: Switzerland.

**obtusa**

*Villa obtusa* Yao, Yang & Evenhuis, 2008: 57. TYPE LOCALITY: China (Xizang) [H in CAU].

DISTRIBUTION: **Oriental**: China (Xizang).

**occulta**

*Anthrax occulta* Wiedemann in Meigen, 1820: 153. TYPE LOCALITY: Germany [1S in NMW\*; 1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Armenia, Austria, Azerbaijan, Belarus, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Italy (incl. Sicily), Kazakhstan, Latvia, Lithuania, Moldova, Mongolia, Poland, Romania, Russia (CET, ES, SET, WS), Spain, Ukraine, Yugoslavia.

**ovata**

*Anthrax ovatus* Loew, 1869b: 196. TYPE LOCALITY: “Ochotsk” [= Russia (FE)] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: China, Mongolia, Russia (ES, FE).

**pachystyla**

*Villa pachystyla* Hesse, 1956b: 495. TYPE LOCALITY: “South-West Africa” [= Namibia] [7S in SAMC].

DISTRIBUTION: **Afrotropical**: Botswana, Namibia, Zimbabwe.

**pallipes**

*Anthrax pallipes* Bigot, 1892: 358. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**panisca**

*Biblio panisca* Rossi, 1790: 276. TYPE LOCALITY: Italy [2S in ZMHB\*].

*Anthrax cingulata* Meigen, 1820: 145. TYPE LOCALITY: “aus hiesiger Gegend” [= Germany] & “Taurien” [= Russia (SET)] [1S in ZMHB\*]. [Preoccupied by Meigen, 1804.]

*Anthrax bimaculata* Macquart, 1834: 403. TYPE LOCALITY: Italy (Sicily) [T in UNKN (originally in Lefebvre Collection)].

DISTRIBUTION: **Oriental**: India (Arunachal Pradesh, Himachal Pradesh, Tamil Nadu, Uttar Pradesh). **Palaeartic**: Albania, Armenia, Austria, Azerbaijan, Belarus, Belgium, Bosnia-Herzegovina, Bulgaria, China, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Gruzia, Hungary, Italy (incl. Sardinia, Sicily), Latvia, Lithuania, Luxemburg, Macedonia, Malta, Moldova, Mongolia, Netherlands, Norway, Poland, Portugal, Romania, Russia (CET, ES, NET, SET), Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, Yugoslavia.

**paniscoides**

*Villa paniscoides* Bezzi, 1912: 624. TYPE LOCALITY: “North Nyasa” [= Malawi] & “West Nyasa” [= Malawi] [3S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia, Kenya, Malawi, Somalia, Uganda, Yemen. **Palaeartic**: Egypt, Oman, Saudi Arabia.

**parilis**

*Villa parilis* François, 1969d: 158. TYPE LOCALITY: France [H in PDMC].

DISTRIBUTION: **Palaeartic**: Czech Republic, France (incl. Corsica), Italy.

**pellucida**

*Anthrax pellucida* Walker, 1852: 182. TYPE LOCALITY: “Van Diemen’s Land” [error, = Australia (Queensland)] [L designated by Evenhuis & Greathead (1999: 651) in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**penai**

*Villa penai* Hall, 1976a: 208. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**perfecta**

*Anthrax perfectus* Becker, 1906c: 147. TYPE LOCALITY: Tunisia [H in UNKN (not in ZMHB)].

DISTRIBUTION: **Palaeartic**: Tunisia.

**perimele**

*Anthrax perimele* Wiedemann, 1828: 583. TYPE LOCALITY: “Brasilien” [= Brazil or Uruguay] [H in ZMUC].

DISTRIBUTION: **Neotropical**: “Brasilien” [= Brazil or Uruguay].

**phaeotaenia**

*Villa phaeotaenia* Bezzi, 1920: 105. TYPE LOCALITY: Cape Verde Is [11S in MCSN; 4S in MSNM].

DISTRIBUTION: **Afrotropical**: Cape Verde Is.

**philippii**

*Anthrax vitripennis* Philippi, 1865: 671. TYPE LOCALITY: Chile [T (lost?) in MNNC (see Note 22)]. [Preoccupied by Loew, 1860.]

*Villa philippii* Evenhuis, 1978d: 247 (new replacement name for *Anthrax vitripennis* Philippi, 1865).

DISTRIBUTION: **Neotropical**: Chile.

**plagiata**

*Anthrax plagiata* Walker, 1871a: 262. TYPE LOCALITY: Egypt [H (lost) in BMNH (see Waterhouse, 1906: 598)].

DISTRIBUTION: **Palaearctic**: Egypt.

**praetermissa**

*Villa praeterita* François, 1966a: 185. TYPE LOCALITY: Greece [H in KBIN\*]. [Preoccupied by Oldroyd, 1938.]

*Villa praetermissa* François, 1967c: 293 (new replacement name for *Villa praeterita* François, 1966).

DISTRIBUTION: **Palaearctic**: Greece (incl. Lefkas), Italy, Macedonia, Yugoslavia.

**pretendens**

*Anthrax pretendens* Walker, 1859: 111. TYPE LOCALITY: Indonesia (Sulawesi) [1S in BMNH\*].

*praetendens*, error for *pretendens*.

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Irian Jaya, Maluku), PNG (PNG). **Oriental**: Indonesia (Sulawesi).

**pretiosa**

*Anthrax molitor* var. *pretiosa* Coquillett, 1887c: 168. TYPE LOCALITY: USA (California) [1S in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta), USA (California, Utah).

**proxima**

*Villa proxima* Hall, 1976a: 214. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**psammia**

*Villa arenicola* Cole, 1923: 294. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS]. [Preoccupied by Johnson, 1908.]

*Villa psammia* Cole, 1960: 118 (new replacement name for *Villa arenicola* Cole, 1923).

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Baja California Sur, Sonora, Tiburon I), USA (Utah).

**purpurata**

*Anthrax purpurata* Wiedemann, 1828: 300. TYPE LOCALITY: “Vaterland?” [= unknown] [T (lost) in ZMHB].

DISTRIBUTION: **Patria Ignota**: Unknown.



**pusio**

*Anthrax pusio* Macquart, 1840: 76 [1841: 354]. TYPE LOCALITY: Cuba [H (lost?) in MNVL].

DISTRIBUTION: **Neotropical**: Cuba.

**quadricincta**

*Anthrax quadricincta* Rondani, 1863: 61 [1864: 61]. TYPE LOCALITY: Chile [H in MZUN].

*Anthrax obscuripes* Bigot, 1892: 357. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**quinqueguttata**

*Villa quinqueguttata* Roberts, 1928a: 126. TYPE LOCALITY: Australia (NSW) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

**rava**

*Villa rava* Roberts, 1928a: 125. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**resurgens**

*Anthrax resurgens* Walker, 1849: 259. TYPE LOCALITY: Australia (WA) [T (lost) in BMNH (see Hardy, 1924: 76)].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**ruficeps**

*Anthrax ruficeps* Macquart, 1840: 74 [1841: 352]. TYPE LOCALITY: “De l’île de France [= Mauritius] [L designated by Evenhuis & Greathead (1999: 651) in MNHN\*].

DISTRIBUTION: **Afrotropical**: Mauritius.

**rufipes**

*Anthrax rufipes* Macquart, 1840: 73 [1841: 351]. TYPE LOCALITY: “Du Cap” [= South Africa (Western Cape)] [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**rufula**

*Villa rufula* Yang, Yao & Cui, 2012: 212. TYPE LOCALITY: China (Nei Monggol) [H in SEMCAS].

DISTRIBUTION: **Palearctic**: China (Nei Monggol).

**sabina**

*Anthrax sabina* Osten Sacken, 1887a: 137. TYPE LOCALITY: Mexico (Sonora) [3S in BMNH\*].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona).

**salebrosa**

*Villa salebrosa* Painter, 1926b: 211. TYPE LOCALITY: USA (Texas) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Canada (Alberta), USA (Colorado, Iowa, Texas, Washington).

**satanas**

*Villa satanas* Becker, 1916: 40. TYPE LOCALITY: “Alai Gebirge, Süd-Sibirien” [= Russia (WS)] [H in ZSMC].

DISTRIBUTION: **Palearctic**: Russia (WS).

**schineri**

*Anthrax nigricosta* Schiner, 1868b: 126. TYPE LOCALITY: Chile [H in NMW].  
[Preoccupied by Macquart, 1850.]

*Villa schineri* Evenhuis, 1978d: 247 (new replacement name for *Anthrax nigricosta* Schiner, 1868).

DISTRIBUTION: **Neotropical**: Chile.

**scrobiculata**

*Anthrax scrobiculata* Loew, 1869c: 24 [1872c: 1138]. TYPE LOCALITY: USA (Illinois)  
[L designated by Evenhuis (1982b: 16) in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Illinois).

**scrutata**

*Anthrax scrutata* Wiedemann in Meigen, 1820: 148. TYPE LOCALITY: “Oesterreich”  
[probably = Austria] [T in UNKN].

DISTRIBUTION: **Palaeartic**: Austria.

**sejungenda**

*Anthrax sejungenda* Rondani, 1863: 62 [1864: 62]. TYPE LOCALITY: “Americae meridionalis” [H in MZUN].

DISTRIBUTION: **Neotropical**: “Americae meridionalis”.

**semifuscata**

*Anthrax semifuscata* Brunetti, 1920: 241. TYPE LOCALITY: “Ceylon” [= Sri Lanka] [H in BMNH\*].

DISTRIBUTION: **Oriental**: Sri Lanka.

**semihyalina**

*Anthrax semihyalina* Meijere, 1907: 240. TYPE LOCALITY: Indonesia (Java) [H in ZMAN].

DISTRIBUTION: **Oriental**: Indonesia (Java).

**semilimpida**

*Anthrax semilimpida* Wiedemann, 1828: 310. TYPE LOCALITY: “Vaterland?” [= unknown] [T (lost) in ZMHB].

DISTRIBUTION: **Patria Ignota**: Unknown.

**sesivora**

*Villa sesivora* Greathead & Karimpour, 2006: 66. TYPE LOCALITY: Iran [H in BMNH].

DISTRIBUTION: **Palaeartic**: Iran.

**setosa**<sup>†</sup>

*Protepacmus setosus* Cockerell, 1916: 94. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

**sexfasciata**

*Anthrax sexfasciata* Wiedemann, 1821a: 92 [1821b: 142]. TYPE LOCALITY: “Prombon. sp.” [= South Africa (Western Cape)] [2S in ZMUC].

*Anthrax albescens* Loew, 1860a: 90 [1860b: 287; 1860c: 215]. TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [H in ZMHB\*].

*Anthrax flavescens* Loew, 1860a: 90 [1860b: 288; 1860c: 216] TYPE LOCALITY: “Cap. B. Sp.” [= South Africa (Western Cape)] [H in ZMHB\*].

*Villa albogilva* François, 1969a: 395. TYPE LOCALITY: Senegal [H in MNHN].

DISTRIBUTION: **Afrotropical**: Botswana, Chad, Eritrea, Ethiopia, Ghana, Kenya, Malawi, Mozambique, Namibia, Niger, Nigeria, Senegal, Somalia, South Africa (Eastern Cape, Gauteng, KwaZulu-Natal, Northern Province, Western Cape), Tanzania, Zambia.

#### shawii

*Anthrax shawii* Johnson, 1908: 14. TYPE LOCALITY: USA (New Hampshire) [H in MCZ\*].

DISTRIBUTION: **Nearctic**: USA (Delaware, Massachusetts, New Hampshire, New Jersey, New York).

#### sodom

*Anthrax sodom* Williston, 1893b: 254. TYPE LOCALITY: USA (California) [T in SEMC].

DISTRIBUTION: **Nearctic**: USA (California).

#### sonorensis

*Villa sonorensis* Cole, 1923: 296. TYPE LOCALITY: Mexico (Sonora) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Sonora).

#### squamigera

*Anthrax squamigera* Coquille, 1892c: 181. TYPE LOCALITY: USA (California) [H in USNM\*].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte, Sonora), USA (Arizona, California).

#### stenozona

*Anthrax stenozonus* Loew, 1869b [29 April]: 180. TYPE LOCALITY: “Makri” [= Greece] [2S in ZMHB\*].

*Villa disjuncta* Becker, 1916: 32. TYPE LOCALITY: Algeria [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, France, Greece, Italy (incl. Sicily), Turkey, Yugoslavia.

#### stenozonoides

*Villa stenozoides* El-Hawagry & Greathead, 2006: 30. TYPE LOCALITY: Egypt [H in EFC].

DISTRIBUTION: **Palaeartic**: Egypt.

#### stenozonella

*Anthrax stenozona* Loew, 1869c [May]: 25 [1872c: 139]. TYPE LOCALITY: USA (Illinois) L designated by Evenhuis (1982b: 18) in MCZ\*. [Preoccupied by Loew, 1869 (29 April).]

*Villa stenozonella* Evenhuis & Greathead, 1999: 511 (new replacement name for *Anthrax stenozona* Loew, 1869).

DISTRIBUTION: **Nearctic**: USA (Illinois).

#### subannula

*Anthrax subannulus* Walker, 1849: 261. TYPE LOCALITY: Not given [= unknown] [H in BMNH\*].

DISTRIBUTION: **Patria Ignota**: Unknown.

#### sulfurea

*Villa sulfurea* Yang, Yao & Cui, 2012: 214. TYPE LOCALITY: China (Xizang) [H in SEMCAS].

DISTRIBUTION: **Palaeartic**: China (Xizang).

**sypfax**

*Anthrax sypfax* Fabricius, 1798: 554. TYPE LOCALITY: “Barbaria” [= Algeria or Tunisia] [2S in ZMUC].

DISTRIBUTION: **Palaeartic**: “Barbaria” [= Algeria or Tunisia].

**tashkentica**

*Villa tashkentica* Paramonov, 1925h: 144. TYPE LOCALITY: Uzbekistan [5S in ZMUM; 2S in SIZK].

DISTRIBUTION: **Palaeartic**: Tajikistan, Uzbekistan.

*tasmanica*

*Anthrax tasmanica* Hardy, 1924: 76. *Nomen nudum*.

**tomentosa**

*Villa tomentosa* Becker, 1916: 41. TYPE LOCALITY: “Klein-Asien, Hamidie” [= Turkey] & Greece & Italy [S (destroyed) in HNHM (see Note 9); S in ZSMC].

DISTRIBUTION: **Palaeartic**: Afghanistan, Armenia, Azerbaijan, Greece, Gruzia, Iran, Italy (incl. Sicily), Macedonia, Turkey, Yugoslavia.

**translata**

*Anthrax translata* Walker, 1852: 182. TYPE LOCALITY: TYPE LOCALITY: “West Indies” [H in BMNH\*].

DISTRIBUTION: **Neotropical**: West Indies.

**transversa**

*Lepidanthrax transversa* Brunetti, 1920: 233. TYPE LOCALITY: India (Uttar Pradesh) [H in BMNH\*].

DISTRIBUTION: **Oriental**: India (Uttar Pradesh).

**trifida**

*Villa trifida* Hall, 1976a: 211. TYPE LOCALITY: Chile [H in MEUC\*].

DISTRIBUTION: **Neotropical**: Chile.

**trivincula**

*Villa trivincula* Roberts, 1928a: 119. TYPE LOCALITY: Australia (Queensland) [H in QM].

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW, Queensland), Lord Howe I.

**troglogyta**

*Biblio troglogyta* Fabricius, 1775: 759. TYPE LOCALITY: “India orientali” [1S in ZMUC].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku), PNG (PNG). **Oriental**: ?India.

**turcomana**

*Hemipenthes turcomanus* Paramonov, 1927d: 189. TYPE LOCALITY: Turkmenistan [3S (lost) in SIZK].

*turkomanus*, incorrect original spelling of *turcomanus* (Paramonov, 1927d: 177).

DISTRIBUTION: **Palaeartic**: Iran, Tajikistan, Turkmenistan, Uzbekistan.

**turneri**

*Villa turneri* Hesse, 1956b: 485. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in BMNH\*].

*Villa dissimilis* Hesse, 1956b: 486. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Namibia, Zimbabwe.

**unicingulata**

*Anthrax unicingulata* Macquart, 1840: 72 [1841: 350]. TYPE LOCALITY: “Scio” [= Greece (Chios)] [H in MNHN\*].

DISTRIBUTION: **Palaeartic**: Greece (incl. Chios).

**unifasciata**

*Anthrax unifasciata* Macquart, 1840: 73 [1841: 351]. TYPE LOCALITY: “De l’île de France [= Mauritius] [L designated by Evenhuis & Greathead (1999: 653) in MNHN\*].

*Anthrax madagascariensis* Macquart, 1847a: 52 [1847c: 68]. TYPE LOCALITY: Madagascar [T in UNKN (originally in de Villiers Collection)].

*Anthrax leptopa* Thomson, 1869: 481. TYPE LOCALITY: Mauritius [S in NHRS].

DISTRIBUTION: **Afrotropical**: Madagascar, Mauritius, Réunion, Rodriguez.

**vacans**

*Anthrax molitor* var. *vacans* Coquillett, 1887c: 168. TYPE LOCALITY: “Washington Territory” [= USA (Idaho or Washington)] [H in USNM\*].

DISTRIBUTION: **Nearctic**: “Washington territory” [= USA (Idaho or Washington)].

**validicornis**

*Villa validicornis* Bezzi, 1923b: 325. *Nomen nudum*.

*Villa validicornis* Bezzi, 1924a: 184. TYPE LOCALITY: “Nyasaland” [= Malawi] [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Malawi.

**valparaisensis**

*Villa valparaisensis* Hall, 1976a: 263. TYPE LOCALITY: Chile [H in KBIN\*].

DISTRIBUTION: **Neotropical**: Chile.

**vanduzeei**

*Villa vanduzeei* Cole, 1923: 306. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte), USA (Colorado, Texas, Utah).

**vastititas**

*Villa vastititas* Cole, 1923: 295. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS].

DISTRIBUTION: **Nearctic**: Mexico (Baja California Norte).

**velox**

*Anthrax velox* White, 1916: 211. TYPE LOCALITY: Australia (Queensland) [1S in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (Queensland).

**ventruosa**

*Anthrax ventruosus* Loew, 1869b: 194. TYPE LOCALITY: Italy (Sicily) [1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Bulgaria, Egypt, Gruzia, Iran, Italy (incl. Sardinia, Sicily), Libya, Moldova, Romania, Russia (SET), Ukraine, Yugoslavia.

**venus**

*Villa venus* Greathead, 1967: 256. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Nigeria. **Palaeartic**: Saudi Arabia.

**verdensis**

*Villa verdensis* Oldroyd, 1938: 90. TYPE LOCALITY: Chile [H in BMNH\*].

DISTRIBUTION: **Neotropical**: Chile.

**vestita**

*Anthrax vestita* Walker, 1849: 258. TYPE LOCALITY: Canada (Nova Scotia) [2S in BMNH\*].

DISTRIBUTION: **Nearctic**: Canada (Nova Scotia).

**vitrea**

*Anthrax vitrea* Walker, 1852: 181. TYPE LOCALITY: Australia (WA) [H in BMNH\*].

DISTRIBUTION: **Australasian/Oceanian**: Australia (WA).

**vitripennis**

*Anthrax vitripennis* Loew, 1860a: 90 [1860b: 289; 1860c: 217]. TYPE LOCALITY: “Caf-fraria” [= South Africa (Eastern Cape)] & “Cap. B. Sp.” [= South Africa (Western Cape)] [2S in ZMHB\*; 2S in NHRS].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Northern Cape, Western Cape).

**xinjiangana**

*Villa xinjiangana* Du, Yang, Yao & Yang, 2008: 17. TYPE LOCALITY: China (Xinjiang) [H in CAU].

DISTRIBUTION: **Palaeartic**: China (Xinjiang).

**zonipennis**

*Villa varipennis* Roberts, 1928a: 121. TYPE LOCALITY: Australia (NSW) [H in QM]. [Preoccupied by Macquart, 1847.]

*Villa zonipennis* Evenhuis, 1978d: 247 (new replacement name for *Villa varipennis* Roberts, 1928).

DISTRIBUTION: **Australasian/Oceanian**: Australia (NSW).

Genus **VILLOESTRUS** Paramonov

**VILLOESTRUS** Paramonov, 1931b: 93(93). Type species: *Villoestrus uvarovi* Paramonov, 1931, by monotypy.

**dimorphus**

*Villoestrus dimorphus* Hesse, 1956b: 518. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC\*; 1S in NMBZ].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**stackelbergi**

*Villoestrus stackelbergi* Zaitzev, 1967: 411. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan, Uzbekistan.

**uvarovi**

*Villoestrus uvarovi* Paramonov, 1931b: 93(93). TYPE LOCALITY: Israel [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Israel, Syria, Turkey.

UNPLACED SPECIES OF **VILLINI** HULL

*6-fasciata*

*Anthrax 6-fasciata* Walker, 1852: 167. *Nomen nudum*.

**bistellus**

*Anthrax bistella* Walker, 1850: xcvii. TYPE LOCALITY: Brazil (Pará) [T (lost) in BMNH (J.E. Chainey, pers. comm.)].

DISTRIBUTION: **Neotropical:** Brazil (Pará).

**crepuscularis**

*Anthrax crepuscularis* Lynch Arribálzaga, 1878: 271. TYPE LOCALITY: Argentina [T in MACN].

DISTRIBUTION: **Neotropical:** Argentina.

**excisus**

*Anthrax excisa* Walker, 1852: 188. TYPE LOCALITY: “South America” [H (lost) in BMNH (J.E. Chainey, pers. comm.)].

DISTRIBUTION: **Neotropical:** South America.

**gradatus**

*Anthrax gradata* Macquart, 1847a: 53 [1847c: 69]. TYPE LOCALITY: “Colombie” [= Colombia, Ecuador, or Venezuela] [H in MNVL].

DISTRIBUTION: **Neotropical:** “Colombie” [= Colombia, Ecuador, or Venezuela].

**latifimbrius**

*Anthrax latifimbria* Walker, 1852: 175. TYPE LOCALITY: “Columbia” [= Colombia] [H (lost) in BMNH (J.E. Chainey, pers. comm.)].

DISTRIBUTION: **Neotropical:** Colombia.

**peninsularis**

*Villa peninsularis* Cole, 1923: 304. TYPE LOCALITY: Mexico (Baja California Norte) [H in CAS].

DISTRIBUTION: **Nearctic:** Mexico (Baja California Norte).

**pudicus**

*Anthrax pudicus* Lynch Arribálzaga, 1878: 275. TYPE LOCALITY: Argentina [T in MACN].

DISTRIBUTION: **Neotropical:** Argentina.

**solitus**

*Anthrax solita* Walker, 1857: 140. TYPE LOCALITY: “Valley of the Amazon” [= Brazil (Amazonas or Pará)] [H in MVMA].

DISTRIBUTION: **Neotropical:** “Valley of the Amazon” [= Brazil (Amazonas or Pará)].

**subaequalis**

*Anthrax subaequalis* Lynch Arribálzaga, 1878: 267. TYPE LOCALITY: Argentina [T in MACN].

DISTRIBUTION: **Neotropical:** Argentina.

TRIBE **XERAMOEBINI** HULLGenus **DESMATONEURA** Williston

**DESMATONEURA** Williston, 1895: 267. Type species: *Desmatoneura argentifrons* Williston, 1895, by monotypy.

*CHIONAMOEBIA* Sack, 1909: 510, 543. Type species: *Biblio nivea* Rossi, 1790, by original designation.

*CHIASMELLA* Bezzi, 1924a: 156. Type species: *Chiasmella brevipennis* Bezzi, 1924, by original designation.

**aegypticola**

*Anthrax aegypticola* Paramonov, 1935: 16, 31 (key only). TYPE LOCALITY: Egypt [1S in SIZK].

DISTRIBUTION: **Palaeartic**: Egypt.

**albifacies**

*Anthrax albifacies* Macquart, 1840: 71 [1841: 349]. TYPE LOCALITY: "D'Alger" [= Algeria or Morocco] [H (lost) in MNVL].

DISTRIBUTION: **Palaeartic**: Afghanistan, Algeria, Egypt.

**argentifrons**

*Desmatoneura argentifrons* Williston, 1895: 267. TYPE LOCALITY: USA (New Mexico) [H in SEMC].

DISTRIBUTION: **Nearctic**: Mexico (Sonora), USA (Arizona, California, Kansas, Nevada, New Mexico, Texas, Utah).

**brevipennis**

*Chiasmella brevipennis* Bezzi, 1924a: 157. TYPE LOCALITY: Yemen [2S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea, Yemen. **Palaeartic**: Oman, United Arab Emirates.

**choreutes**

*Chionamoeba choreutes* Bowden, 1964a: 76. TYPE LOCALITY: "Ashanti" [= Ghana] [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana, Nigeria, Sierra Leone.

**claretta**

*Anthrax claripennis* Becker, 1922: 58. TYPE LOCALITY: Sudan [H in NMW\*]. [Pre-occupied by Kowarz, 1868.]

*Villa claretta* Hull, 1973: 373 (new replacement name for *Anthrax claripennis* Becker, 1922).

DISTRIBUTION: **Afrotropical**: Sudan.

**erythrostroma**

*Anthrax erythrostroma* Rondani, 1873: 299. TYPE LOCALITY: "Persia sept." [= Iran] [H in MCSN].

DISTRIBUTION: **Palaeartic**: Iran.

**flavifrons**

*Plesiocera flavifrons* Becker, 1915a: 324. TYPE LOCALITY: Tunisia [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Italy, Spain, Tunisia.

**frontalis**

*Mulio frontalis* Wiedemann, 1828: 567. TYPE LOCALITY: "Nubien" [= Sudan] [H in SMFD].



DISTRIBUTION: **Afrotropical**: ?Ethiopia, Sudan. **Palaeartic**: Oman, Saudi Arabia.

**meridionalis**

*Chionamoeba meridionalis* Hesse, 1956a: 354. TYPE LOCALITY: “Southern Rhodesia” [= Zimbabwe] [H in NMBZ].

DISTRIBUTION: **Afrotropical**: Congo, South Africa (KwaZulu-Natal), Zimbabwe.

**nivea**

*Bibio nivea* Rossi, 1790: 277. TYPE LOCALITY: Italy [H in ZMHB\*].

*Argyromoeba nivea* var. *lioyi* Griffini, 1896: 2. TYPE LOCALITY: Italy [T in UNKN (sold at auction)].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Bulgaria, Egypt, Greece (incl. Corfu), Gruzia, Italy, Macedonia, Romania, Tunisia, Yugoslavia.

**niveisquamis**

*Argyramoeba niveisquamis* Brunetti, 1909a: 472. TYPE LOCALITY: “Baluchistan” [= Pakistan] [2S in NZSI].

DISTRIBUTION: **Oriental**: Pakistan.

**sarawaka**

*Desmatoneura sarawaka* Evenhuis, 1982c: 250. TYPE LOCALITY: Malaysia (Sarawak) [H in BPBM\*].

DISTRIBUTION: **Oriental**: Malaysia (Sarawak), Thailand.

**sardoa**

*Anthrax sardoa* Macquart in Lucas, 1849: 134. TYPE LOCALITY: Algeria [1S in MNHN\*]. [Name valid by bibliographic reference to Macquart (1840: 71).]

DISTRIBUTION: **Palaeartic**: Algeria.

**sica**

*Desmatoneura sica* Greathead, 1969: 69. TYPE LOCALITY: Yemen (Socotra) [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen (Abd-el-Kuri, Socotra). **Palaeartic**: Oman.

Genus **PETROROSSIA** Bezzi

**PETROROSSIA** Bezzi, 1908a: 35. Type species: *Bibio hespera* Rossi, 1790, by original designation

*PETROSSIA*, *PTEROROSSIA*, errors for *Petrorossia*.

**albissima**

*Petrorossia albissima* Zaitzev, 1974b: 802. TYPE LOCALITY: Turkmenistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**albofulva**

*Anthrax albofulva* Walker, 1852: 182 (as “*albo-fulva*”). TYPE LOCALITY: “East India” [= India] [T in UNKN].

DISTRIBUTION: **Oriental**: India (Karnataka, Uttar Pradesh).

**albula**

*Petrorossia albula* Zaitzev, 1962b: 126. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Afrotropical**: Benin, Ghana, Kenya, Nigeria. **Palaeartic**: Algeria, Armenia, Azerbaijan, Gruzia, Israel, Kazakhstan, Kyrgyz Republic, Mongolia, Morocco, Saudi Arabia, Tajikistan, Turkmenistan, United Arab Emirates, Uzbekistan.

**analis**

*Petrorossia analis* Lachaise & Bowden, 1976: 327. TYPE LOCALITY: Ivory Coast [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: Ivory Coast.

**angustata**

*Anthrax angustata* Doleschall, 1858: 93. TYPE LOCALITY: Indonesia (Maluku) [T in UNKN].

DISTRIBUTION: **Australasian/Oceanian**: Indonesia (Maluku). **Oriental**: Indonesia (Sulawesi).

**angustibasalis**

*Petrorossia angustibasalis* Hesse, 1956a: 328. TYPE LOCALITY: South Africa (KwaZulu-Natal) [8S in SAMC\*; 2S in NMBZ; 1S in BPBM\*; 2S in BMNH\*].

*Petrorossia angustibasalis* var. *buziana* Hesse, 1956a: 329. TYPE LOCALITY: "Portuguese East Africa" [= Mozambique] [H in DABZ].

DISTRIBUTION: **Afrotropical**: Mozambique, Namibia, South Africa (Eastern Cape, KwaZulu-Natal), Zimbabwe.

**anomala**

*Petrorossia anomala* Zaitzev, 1974b: 804. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

**appendiculata**

*Lomatia appendiculata* Macquart, 1846: 351(223), pl. 10, fig. 3 [*in* Lucas, 1849: 461]. TYPE LOCALITY: Not given [= Algeria (see Macquart *in* Lucas, 1849: 461)] [1S in BMNH\*; 1S in MNHN\*].

DISTRIBUTION: **Palaeartic**: Algeria.

**autumnalis**

*Petrorossia autumnalis* Zaitzev, 2002c: 442. TYPE LOCALITY: Kazakhstan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Kazakhstan, Kyrgyz Republic.

**brunettii**

*Petrorossia brunettii* Zaitzev, 1988b: 866 [1990: 109]. TYPE LOCALITY: Sri Lanka [H in ZIS].

DISTRIBUTION: **Oriental**: Sri Lanka.

**cameruni**

*Petrorossia cameruni* Zaitzev, 2009: 680. TYPE LOCALITY: Cameroon [H in MNHN].

DISTRIBUTION: **Afrotropical**: Cameroon.

**carmelica**

*Petrorossia carmelica* Zaitzev, 1999c: 703 [2000a: 640]. TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic**: Israel.

**caucasica**

*Petrorossia caucasica* Zaitzev, 1962b: 126. TYPE LOCALITY: Armenia [H in ZIS].  
DISTRIBUTION: **Afrotropical**: Ghana, Nigeria. **Palaeartic**: Armenia, Azerbaijan, Gruzia, Kyrgyz Republic, Tajikistan, Turkmenistan, Uzbekistan.

**ceylonica**

*Argyramoeba ceylonica* Brunetti, 1909a: 471. TYPE LOCALITY: “Ceylon” [= Sri Lanka] [H in BMNH\*].  
DISTRIBUTION: **Oriental**: India (Andaman Is, Bihar, Uttar Pradesh, West Bengal), ?Malaysia (Peninsular), Pakistan, Sri Lanka.

**chadi**

*Petrorossia chadi* Zaitzev, 2009: 682. TYPE LOCALITY: Chad [H in MNHN].  
DISTRIBUTION: **Afrotropical**: Chad.

**chapini**

*Petrorossia chapini* Curran, 1927b: 39. TYPE LOCALITY: Congo [H in AMNH\*].  
DISTRIBUTION: **Afrotropical**: Congo, Uganda.

**claripennis**

*Argyramoeba claripennis* Brunetti, 1909b: 218. TYPE LOCALITY: Pakistan [H in NZSI].  
DISTRIBUTION: **Oriental**: India (Karnataka, Punjab), Pakistan.

**clauseni**

*Aphoebantus clauseni* Aldrich, 1928: 1. TYPE LOCALITY: India (Meghalaya) [H in USNM\*].  
DISTRIBUTION: **Oriental**: India (Meghalaya).

**cognata**

*Anthrax cognata* Walker, 1849: 264. TYPE LOCALITY: Sierra Leone [H in BMNH\*].  
*Anthrax fervida* Walker, 1849: 264. TYPE LOCALITY: Not given [= Afrotropical] [H in BMNH\*].  
*Petrorossia gratiosa* Bezzi, 1912: 616. TYPE LOCALITY: Nigeria [H in BMNH\*].  
DISTRIBUTION: **Afrotropical**: Cameroon, Ghana, Nigeria, Sierra Leone.

**consobrina**

*Petrorossia consobrina* Bowden, 1964a: 69. TYPE LOCALITY: Ghana [H in JB].  
DISTRIBUTION: **Afrotropical**: Ghana.

**curvipennis**

*Petrorossia curvipennis* Zaitzev, 1988b: 866 [1990: 112]. TYPE LOCALITY: India (Karnataka) [H in ZMUC].  
DISTRIBUTION: **Oriental**: India (Karnataka).

**deducta**

*Petrorossia deducta* Bowden, 1964a: 68. TYPE LOCALITY: “Ashanti” [= Ghana] [H in JB].  
DISTRIBUTION: **Afrotropical**: Ghana, Nigeria.

**deserticola**

*Petrorossia deserticola* Zaitzev, 1966b: 222. TYPE LOCALITY: Uzbekistan [H in ZIS].  
DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Tajikistan, Turkmenistan, Uzbekistan.

**feti**

*Petrorossia feti* Zaitzev & Tsharykuliev, 1981: 914. TYPE LOCALITY: Turkmenistan [H in ZIS].  
DISTRIBUTION: **Palaeartic**: Turkmenistan.

**flavicans**

*Petrorossia flavicans* Bowden, 1964a: 67. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana, Nigeria, Sudan.

**flavipennis**

*Petrorossia flavipennis* Zaitzev, 1966b: 225. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Egypt, Gruzia, Israel, Kazakhstan, Uzbekistan.

**freidbergi**

*Petrorossia freidbergi* Zaitzev, 1999c: 705 [2000a: 641]. TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic**: Israel.

**fulvipes**

*Anthrax fulvipes* Loew, 1860a: 89 [1860b: 282; 1860c: 210]. TYPE LOCALITY: "Caf-fraria" [= South Africa (Eastern Cape)] [H in NHRS].

DISTRIBUTION: **Afrotropical**: Botswana, Eritrea, Ethiopia, Kenya, Malawi, Mozambique, Namibia, South Africa (Eastern Cape, KwaZulu-Natal), Tanzania, Uganda, Zambia, Zimbabwe.

**fulvula**

*Anthrax fulvula* Wiedemann, 1821b: 148. TYPE LOCALITY: Indonesia (Java) [H in ZMUC\*].

*Anthrax degenera* Walker, 1856a: 15. TYPE LOCALITY: Singapore [L designated by Evenhuis & Yukawa (1986: 452) in BMNH\*].

*Anthrax indicatura* Walker in Evenhuis & Yukawa, 1986: 453. *Nomen nudum*. *fulunla*, error for *fulvula*.

DISTRIBUTION: **Australasian/Oceanian**: ?Australia, Indonesia (Maluku), ?PNG (PNG). **Oriental**: Indonesia (Java, Kalimantan, Nusa Tenggara, Sulawesi), Malaysia (Peninsular, Sabah, Sarawak), Singapore. **Palaeartic**: Japan.

**fumipennis**

*Petrorossia fumipennis* Hesse, 1956a: 327. TYPE LOCALITY: South Africa (KwaZulu-Natal) [H in SAMC].

DISTRIBUTION: **Afrotropical**: Kenya, South Africa (KwaZulu-Natal).

**funebri**

*Petrorossia funebri* Frey, 1934: 320. TYPE LOCALITY: Indonesia (Timor) [2S in MZHF].

DISTRIBUTION: **Oriental**: Indonesia (Timor).

**fusca**

*Petrorossia fusca* Zaitzev, 1966b: 220. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia.

**fuscicosta**

*Petrorossia fuscicosta* Bezzi, 1924a: 153. TYPE LOCALITY: "Abyssinia" [= Ethiopia] [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Ethiopia.

**gracilis**<sup>†</sup>

*Lomatia gracilis* Giebel, 1862: 318. TYPE LOCALITY: Not given [= ?Tanzania] (Holocene) [K] [H in NMCL].

DISTRIBUTION: **Afrotropical**: ?Tanzania (Holocene).

**guanchorum**

*Petrorossia guanchorum* François, 1970a: 71. TYPE LOCALITY: Canary Is [H in KBIN\*].

*quanchorum*, error for *guanchorum*.

DISTRIBUTION: **Palaeartic**: Canary Is, ?Israel.

**gussakovskiji**

*Petrorossia gussakovskiji* Zaitzev, 2000b: 482 [2001b: 209]. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**hespera**

*Bibio hespera* Rossi, 1790: 227. TYPE LOCALITY: Italy [T in UNKN].

*Anthrax albipectus* Walker, 1849: 262. TYPE LOCALITY: France [4S in BMNH\*]. [Pre-occupied by Macquart, 1848.]

*Petrorossia chraminensis* Zaitzev, 1962d: 705. TYPE LOCALITY: Gruzia [H in ZIS].

*Petrorossia dobrogica* Dusa, 1966: 69. TYPE LOCALITY: Romania [H in MGAB].

DISTRIBUTION: **Palaeartic**: Algeria, Armenia, Austria, Azerbaijan, Bosnia-Herzegovina, Bulgaria, Canary Is, Croatia, Egypt, France (incl. Corsica), Greece (incl. Corfu, Ithaca, Lesbos), Gruzia, Israel, Italy, Kyrgyz Republic, Libya, Macedonia, Malta, Moldova, Morocco, Portugal, Romania, Russia (SET), Spain, Tajikistan, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Yugoslavia.

**imbutata**

*Petrorossia imbutata* Hesse, 1956a: 330. TYPE LOCALITY: “South-West Africa” [= Namibia] [H in SAMC].

DISTRIBUTION: **Afrotropical**: Namibia.

**intermedia**

*Argyramoeba intermedia* Brunetti, 1920: 221. TYPE LOCALITY: India (Orissa) [H in NZSI].

DISTRIBUTION: **Oriental**: India (Orissa, Uttar Pradesh), Pakistan, Sri Lanka.

**irakensis**

*Petrorossia irakensis* Zaitzev, 1976c: 692. TYPE LOCALITY: Iraq [H in ZIS].

DISTRIBUTION: **Palaeartic**: Iraq.

**iskanderika**

*Petrorossia iskanderika* Zaitzev, 2000b: 484 [2001a: 210]. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan.

**israeliensis**

*Petrorossia israeliensis* Zaitzev, 1999c: 707 [2000a: 643]. TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic**: Israel.

**karooana**

*Petrorossia karooana* Hesse, 1956a: 330. TYPE LOCALITY: South Africa (Eastern Cape) [H in NMSA\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape).

**letho**

*Anthrax letho* Wiedemann, 1828: 566. TYPE LOCALITY: "Nubien" [= Sudan] [H in SMFD].

*Anthrax longitarsis* Becker, 1902: 23. TYPE LOCALITY: "Oase der Sahara, Laghouat" [= Algeria] [L designated by Evenhuis & Greathead (1999: 649) in KBIN\*].

DISTRIBUTION: **Afrotropical**: Benin, Chad, Eritrea, Ethiopia, Kenya, Somalia, Sudan. **Palaeartic**: Afghanistan, Algeria, Austria, Bosnia-Herzegovina, Bulgaria, Croatia, Egypt, France, Iran, Italy, Libya, Macedonia, Russia (SET), Saudi Arabia, Slovenia, Spain, Tajikistan, Turkey, Turkmenistan, Uzbekistan, Yugoslavia.

**liliputiana**

*Petrorossia letho* var. *liliputiana* Bezzi, 1925: 214. TYPE LOCALITY: Algeria & Egypt & Tunisia [6S (destroyed) in ESEC (see Note 4)].

DISTRIBUTION: **Palaeartic**: Algeria, Egypt, Tunisia.

**limitarsis**

*Argyramoeba limitarsis* Brunetti, 1909b: 217. TYPE LOCALITY: India (Uttar Pradesh) [H in NZSI].

*Argyramoeba limitaris* Brunetti, 1920: 220 (unjustified emendation of *Argyramoeba limitarsis* Brunetti, 1909).

DISTRIBUTION: **Oriental**: India (Punjab, Uttar Pradesh).

**loginovae**

*Petrorossia loginovae* Zaitzev, 1974a: 320. TYPE LOCALITY: Turkmenistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Mongolia, Tajikistan, Turkmenistan.

**lucidipennis**

*Petrorossia lucidipennis* Zaitzev, 1966b: 215. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Israel, Tajikistan, Turkmenistan, Uzbekistan.

**margaritae**

*Petrorossia margaritae* Zaitzev, 1999c: 708 [2000a: 644]. TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic**: Israel.

**masieneensis**

*Petrorossia masieneensis* Hesse, 1956a: 321. TYPE LOCALITY: "Portuguese East Africa" [= Mozambique] [2S in SAMC].

DISTRIBUTION: **Afrotropical**: Mozambique.

**media**

*Petrorossia media* Séguéy, 1931a: 117. TYPE LOCALITY: Mozambique [H in MNHN\*].

DISTRIBUTION: **Afrotropical**: Mozambique.

**mesasiatica**

*Petrorossia mesasiatica* Zaitzev, 1974b: 802. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan, Uzbekistan.

**modesta**

*Petrorossia modesta* Zaitzev, 1966b: 221. TYPE LOCALITY: Armenia [H in ZIS].

DISTRIBUTION: **Palaeartic**: Armenia, Azerbaijan, Gruzia, Israel, Mongolia, Tajikistan, Turkmenistan.

**nigrifascia**

*Petrorossia nigrifascia* Evenhuis & Arakaki, 1980: 311. TYPE LOCALITY: Philippines [H in BPBM\*].

DISTRIBUTION: **Oriental:** Philippines.

**nigrofemorata**

*Argyramoeba nigrofemorata* Brunetti, 1909b: 219. TYPE LOCALITY: India (Uttar Pradesh) [H in NZSI].

DISTRIBUTION: **Oriental:** India (Maharashtra, Uttar Pradesh).

**obscurior**

*Petrorossia obscurior* Bowden, 1964a: 74. TYPE LOCALITY: “Togoland” [= Ghana] [H in JB].

DISTRIBUTION: **Afrotropical:** Ghana.

**oceanica**

*Petrorossia oceanica* Bowden, 1971d: 313. TYPE LOCALITY: PNG (Bismarck Arch) [H in ZMUC].

DISTRIBUTION: **Australasian/Oceanian:** PNG (Bismarck Arch).

**orientalis**

*Petrorossia orientalis* Zaitzev, 1988b: 864 [1990: 109]. TYPE LOCALITY: India (Kashmir) [H in ZMUC].

DISTRIBUTION: **Oriental:** India (Kashmir).

**phthinoxantha**

*Petrorossia phthinoxantha* Bowden, 1964a: 70. TYPE LOCALITY: “Togoland” [= Ghana] [H in JB].

DISTRIBUTION: **Afrotropical:** Ghana, Nigeria, Senegal.

**plerophiaia**

*Petrorossia plerophiaia* Hesse, 1956a: 322. TYPE LOCALITY: “South-West Africa” [= Namibia] [11S in SAMC; 1S in BMNH\*; 4S in NMBZ; 1S in DEI\*; 1S in DMSA; 1S in NMSA\*].

DISTRIBUTION: **Afrotropical:** Namibia, South Africa (KwaZulu-Natal, Mpumalanga), Zimbabwe.

**pyrgos**

*Petrorossia pyrgos* Yang, Yao & Cui, 2012: 178. TYPE LOCALITY: China (Xinjiang) [H in IZCAS].

DISTRIBUTION: **Palaeartic:** China (Xinjiang).

**royi**

*Petrorossia royi* François, 1969a: 393. TYPE LOCALITY: Senegal [H in MNHN\*].

DISTRIBUTION: **Afrotropical:** Senegal.

**rufiventris**

*Petrorossia rufiventris* Zaitzev, 1966b: 223. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic:** Armenia, Azerbaijan, China, Gruzia, Israel, Tajikistan, Turkmenistan, Uzbekistan.

**salqamum**

*Petrorossia salqamum* Yang, Yao & Cui, 2012: 180. TYPE LOCALITY: China (Henan) [H in CAU].

DISTRIBUTION: **Palaeartic:** China (Henan).

**sceliphronina**

*Petrorossia sceliphronina* Séguay, 1935: 177. TYPE LOCALITY: China (Jiangxi) [S in MNHN].

DISTRIBUTION: **Palaeartic**: China (Jiangxi).

**serata**

*Aphoebantus seratus* Aldrich, 1928: 2. TYPE LOCALITY: India (Meghalaya) [H in USNM\*].

DISTRIBUTION: **Oriental**: India (Meghalaya).

**shibanovae**

*Petrorossia shibanovae* Zaitzev, 1999c: 710 [2000a: 646]. TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic**: Israel.

**sokotrae**

*Anthrax sokotrae* Ricardo, 1903: 367. TYPE LOCALITY: Yemen (Socotra) [4S in BMNH\*].

DISTRIBUTION: **Afrotropical**: Yemen (Socotra).

**stackelbergi**

*Petrorossia stackelbergi* Zaitzev, 2000b: 485 [2001a: 211]. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Tajikistan, Turkmenistan.

**stenogastra**

*Anthrax stenogastra* Costa, 1884: 61 [1885: 252]. TYPE LOCALITY: Italy (Sardinia) [T in MZUN].

DISTRIBUTION: **Palaeartic**: Italy (Sardinia).

**talawila**

*Petrorossia talawila* Zaitzev, 1987: 650 [1988: 8]. TYPE LOCALITY: Sri Lanka [H in ZIS].

DISTRIBUTION: **Oriental**: Sri Lanka.

**tenuis**

*Anthrax tenuis* Walker, 1871b: 271. TYPE LOCALITY: Ethiopia [T (lost) in BMNH (see Waterhouse, 1906: 598)].

DISTRIBUTION: **Afrotropical**: Ethiopia.

**tropicalis**

*Petrorossia hesperus* ssp. *tropicalis* Bezzi, 1921a: 168. TYPE LOCALITY: "S.W. Protectorate" [= Namibia] [H in SAMC].

*Petrorossia hesperus* var. *tropicalis* Bezzi, 1924a: 152. TYPE LOCALITY: "Nyasaland Protectorate" [= Malawi] & Nigeria & "N.-W. Rhodesia" [= Zambia] [5S in BMNH\*]. [Preoccupied by Bezzi, 1921.]

DISTRIBUTION: **Afrotropical**: Eritrea, Ethiopia, Kenya, Malawi, Namibia, Nigeria, Somalia, South Africa (Eastern Cape, Western Cape), Tanzania, Zambia, Zimbabwe. **Palaeartic**: Oman, Saudi Arabia, United Arab Emirates.

**ventilo**

*Petrorossia ventilo* Yang, Yao & Cui, 2012: 182. TYPE LOCALITY: China (Beijing) [H in CAU].

DISTRIBUTION: **Oriental**: China (Guangxi). **Palaeartic**: China (Beijing, Hebei, Tianjin).



**vinula**

*Petrorossia vinula* Bezzi, 1921a: 120. TYPE LOCALITY: South Africa (Western Cape) [2S in SAMC].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**volkovitshi**

*Petrorossia volkovitshi* Zaitzev, 1999c: 712 [2000a: 647]. TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic**: Israel.

**williamsi**

*Petrorossia williamsi* Evenhuis & Arakaki, 1980: 311. TYPE LOCALITY: Philippines [H in BPBM\*].

DISTRIBUTION: **Oriental**: Philippines.

Genus **PIPUNCULOPSIS** Bezzi

**PIPUNCULOPSIS** Bezzi, 1925: 211. Type species: *Pipunculopsis bivittata* Bezzi, 1925, by original designation.

**arenivaga**

*Pipunculopsis arenivaga* Zaitzev, 2001b: 913 [2001c: 579]. TYPE LOCALITY: Turkmenistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel, Kazakhstan, Turkmenistan.

**bivittata**

*Pipunculopsis bivittata* Bezzi, 1925: 212. TYPE LOCALITY: Egypt [27S in ESEC; 1S in MSNM].

DISTRIBUTION: **Afrotropical**: Sudan. **Palaeartic**: Egypt, Israel, Turkmenistan, Uzbekistan.

**deserta**

*Pipunculopsis deserta* Zaitzev, 2001b: 915 [2001c: 582]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel.

**stackelbergi**

*Pipunculopsis stackelbergi* Zaitzev, 2001b: 917 [2001c: 583]. TYPE LOCALITY: Turkmenistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel, Kazakhstan, Tajikistan, Turkmenistan.

Genus **PROTHAPLOCNEMIS** Bezzi

**PROTHAPLOCNEMIS** Bezzi, 1925: 220. Type species: *Argyromoeba anthracina* Becker, 1902 (as “*Argyramoeba*”), by original designation.

**anthracina**

*Argyromoeba anthracina* Becker, 1902: 29. TYPE LOCALITY: Egypt [1S in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Egypt, Israel, Oman.

**persica**

*Argyromoeba persica* Paramonov, 1924b: 61. TYPE LOCALITY: Iran [H in ZMHB\*].

DISTRIBUTION: **Palaeartic**: Iran.

Genus **XERAMOEBA** Hesse

**XERAMOEBA** Hesse, 1956a: 356. Type species: *Xeramoeba apricaria* Hesse, 1956, by original designation.

**GAZLIA** Zaitzev, 1999b: 458 [2000c: 428]. Type species: *Gazlia albula* Zaitzev, 1999, by original designation.

**albula**

*Gazlia albula* Zaitzev, 1999b: 458 [2000c: 429]. TYPE LOCALITY: Uzbekistan [H in ZIS].

DISTRIBUTION: **Palaeartic**: Uzbekistan.

**apricaria**

*Xeramoeba apricaria* Hesse, 1956a: 358. TYPE LOCALITY: South Africa (Western Cape) [H in SAMC\*].

DISTRIBUTION: **Afrotropical**: South Africa (Eastern Cape, Western Cape).

**arabica**

*Xeramoeba arabica* Greathead, 1980b: 317. TYPE LOCALITY: Saudi Arabia [H in BMNH\*].

DISTRIBUTION: **Palaeartic**: Saudi Arabia.

**davidi**

*Desmatoneura davidi* Zaitzev, 1997: 906 [1998b: 651]. TYPE LOCALITY: Israel [H in ZIS].

DISTRIBUTION: **Palaeartic**: Israel.

**gracilis**

*Xeramoeba gracilis* Bowden, 1964a: 79. TYPE LOCALITY: Ghana [H in JB].

DISTRIBUTION: **Afrotropical**: Ghana.

**infuscata**

*Xeramoeba infuscata* Greathead, 1967: 240. TYPE LOCALITY: Chad [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Chad, Eritrea, Mali.

**kinereti**

*Chiasmella kinereti* Zaitzev, 1999b: 462 [2000c: 432]. TYPE LOCALITY: Israel [H in TAU].

DISTRIBUTION: **Palaeartic**: Israel.

**lepida**

*Argyromoeba lepida* Hermann, 1907: 196. TYPE LOCALITY: Turkey [T in ZSMC].

DISTRIBUTION: **Palaeartic**: Afghanistan, Iran, Israel, Turkey.

**minor**

*Chionamoeba minor* Greathead, 1967: 239. TYPE LOCALITY: Eritrea [H in BMNH\*].

DISTRIBUTION: **Afrotropical**: Eritrea.

**oophaga**

*Anthrax oophagus* var. *parva* Paramonov in Zakhvatkin, 1931: 386. *Nomen nudum*.

*Anthrax oophaga* Zakhvatkin, 1931: 390 [1934: 179]. TYPE LOCALITY: Uzbekistan & Kazakhstan [4S in SIZK].

*Anthrax oophagus* Paramonov, 1935: 15, 29 (key only) [1936b: 133]. TYPE LOCALITY: "Turkestan" [= Turkmenistan & Uzbekistan (see Paramonov, 1936b: 133)] [4S in SIZK (assumed as the same type specimens as for *oophaga* Zakhvatkin)]. [Pre-occupied by Zakhvatkin, 1934.]

*Anthrax oophagus* var. *parva* Paramonov, 1935: 15, 29 (key only) [1936b: 134]. TYPE LOCALITY: “Turkestan” [= Turkmenistan & Uzbekistan (see Paramonov, 1936b: 134)] [3S in ZIS].

DISTRIBUTION: **Afrotropical:** Mali, Niger. **Oriental:** Pakistan. **Palaeartic:** Iraq, Kazakhstan, Oman, Saudi Arabia, Tajikistan, Turkmenistan, United Arab Emirates, Uzbekistan.

### **pallipes**

*Spongostylum pallipes* Loew, 1869b: 227. TYPE LOCALITY: “Makri” [= Greece] [H in ZMHB\*].

DISTRIBUTION: **Palaeartic:** Greece (incl. Rhodes), Iran, Syria, Turkey.

### **ramsesi**

*Anthrax ramsesi* Paramonov, 1935: 15, 29 (key only) [1936b: 142]. TYPE LOCALITY: Egypt [H in SIZK].

DISTRIBUTION: **Palaeartic:** Egypt, Israel.

### **rubicunda**

*Chiasmella sabulonis* var. *rubicunda* Bezzi, 1925: 217. TYPE LOCALITY: Egypt [L designated by El Hawagry (2001a: 155) in ESEC].

DISTRIBUTION: **Afrotropical:** Sudan. **Palaeartic:** Egypt.

### **sabulonis**

*Argyromoeba sabulonis* Becker, 1906c: 149. TYPE LOCALITY: Algeria [H in ZMHB\*].

*Petrorossia latifrons* Bezzi, 1925: 214. TYPE LOCALITY: Egypt [H in ESEC].

DISTRIBUTION: **Afrotropical:** Sudan. **Palaeartic:** Algeria, Egypt, Greece, Israel, Macedonia, Tunisia, Turkey, Yugoslavia.

### **salwae**

*Xeramoeba salwae* El Hawagry, 2001a: 156. TYPE LOCALITY: Egypt [H in EFC].

DISTRIBUTION: **Palaeartic:** Egypt.

### **semirufa**

*Chionamoeba semirufa* Sack, 1909: 545. TYPE LOCALITY: Iran [H in ZIS].

DISTRIBUTION: **Oriental:** Pakistan. **Palaeartic:** Afghanistan, Egypt, Iran, Saudi Arabia.

### **stackelbergi**

*Chiasmella stackelbergi* Zaitzev, 1999b: 460 [2000c: 431]. TYPE LOCALITY: Tajikistan [H in ZIS].

DISTRIBUTION: **Palaeartic:** Tajikistan.

### **turkmenica**

*Chiasmella turkmenica* Zaitzev, 2002c: 440. TYPE LOCALITY: Turkmenistan [H in ZIS].

DISTRIBUTION: **Palaeartic:** Turkmenistan.

## Unplaced Taxa of ANTHRACINAE Latreille

### *affinis*

*Anthrax affinis* Eversmann, 1834: 423. *Nomen nudum*.

### *claripennis*

*Anthrax claripennis* Loew in Hermann & Villeneuve, 1909: 148. *Nomen nudum*.  
[Preoccupied by Kowarz, 1868.]

### **gnatus**

*Anthrax gnata* Walker, 1852: 186. TYPE LOCALITY: Not given [= unknown] [H in UNKN].

DISTRIBUTION: **Patria Ignota**: Unknown.

### **illatus**

*Anthrax illata* Walker, 1852: 191. TYPE LOCALITY: Not given [= unknown] [H in UNKN].

DISTRIBUTION: **Patria Ignota**: Unknown.

### **insularis**

*Anthrax insularis* Walker, 1849: 243. TYPE LOCALITY: Not given [= unknown] [H in UNKN].

DISTRIBUTION: **Patria Ignota**: Unknown.

### **palumbii**

*Anthrax palumbii* Rondani, 1877: 55. TYPE LOCALITY: Italy (Sicily) [T in UNKN].

DISTRIBUTION: **Palearctic**: Italy (Sicily).

### **reductus**

*Anthrax reducta* Walker, 1852: 184. TYPE LOCALITY: Not given [= unknown] [H in UNKN].

DISTRIBUTION: **Patria Ignota**: Unknown.

### **trivittatus**

*Anthrax trivittata* Macquart, 1834: 410. TYPE LOCALITY: Not given [= Europe] [T in UNKN (originally in Percheron Collection)].

DISTRIBUTION: **Patria Ignota**: Unknown.

Unplaced Genera of **BOMBYLIIDAE** LatreilleGenus **PACHYSYSTROPUS** Cockerell

**PACHYSYSTROPUS**<sup>†</sup> Cockerell, 1909b: 56. Type species: *Pachysystropus rohweri* Cockerell, 1909, by monotypy.

**condemnatus**<sup>†</sup>

*Pachysystropus condemnatus* Cockerell, 1910: 287. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in UCGC\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

**rohweri**<sup>††</sup>

*Pachysystropus rohweri* Cockerell, 1909b: 56. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in PMNH].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

Genus **PALAEOGERON** Meunier

**PALAEOGERON**<sup>†</sup> Meunier, 1915a: 195. Type species: *Palaeogeron vetustus* Meunier, 1915, by monotypy.

**vetustus**<sup>†</sup>

*Palaeogeron vetustus* Meunier, 1915a: 195. TYPE LOCALITY: France (Oligocene) [C] [H in GMUG].

DISTRIBUTION: **Palaeartic**: France (Oligocene).

Genus **TITHONOMYIA** Evenhuis

**TITHONOMYIA**<sup>†</sup> Evenhuis, 1984a: 160. Type species: *Protophthiria atra* Melander, 1949, by original designation.

**atra**<sup>†</sup>

*Protophthiria atra* Melander, 1949: 33. TYPE LOCALITY: USA (Colorado) (Oligocene) [C] [H in USNM\*].

DISTRIBUTION: **Nearctic**: USA (Colorado) (Oligocene).

Unplaced Species of **BOMBYLIIDAE** Latreille*albitaeniata*

*Anthrax albitaeniata* Morge, 1960: 92. *Nomen nudum*.

**analis**

*Anthrax analis* Lichtenstein, 1796: 215. TYPE LOCALITY: “Cap. bon. spei.” [= South Africa (Western Cape)] [T in UNKN (sold at auction)].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**atropos**

*Bombylius atropos* Thunberg, 1789: 92. TYPE LOCALITY: “Cap. b. spei.” [= South Africa (Western Cape)] [T in UZIU].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

*canipila*

*Anthrax canipila* Morge, 1960: 92. *Nomen nudum*.

*capensis*

*Musca capensis* Meuschen, 1787: 212. *Nomen nudum*.

**catta**

*Mvsca decimatertia* Schaeffer, 1769: pl. 107, fig. 5 (as “*decima tertia*”). [Unavailable; name proposed in a non-binominal work.]

*Anthrax catta* Panzer, 1804: 117. TYPE LOCALITY: Germany [T in UNKN].

DISTRIBUTION: **Palaeartic**: Germany.

*fusca*

*Musca fusca* Gmelin, 1790: 2833. TYPE LOCALITY: “extra Europam” [T (destroyed) in NMID (see Thompson & Pont, 1994: 35)]. [Preoccupied by Harris, 1776; no new replacement name proposed here.]

DISTRIBUTION: **Patria Ignota**: “extra Europam”.

*fuscipennis*

*Anthrax fuscipennis* Morge, 1960: 92. *Nomen nudum*. [Preoccupied by Macquart, 1834.]

**guttata**

*Tanyglossa guttata* Thunberg, 1827: 72. TYPE LOCALITY: Not given [probably = South Africa (Western Cape) (E.E. Austen, *in litt.*)] [T in UZIU].

DISTRIBUTION: **Afrotropical**: ?South Africa (Western Cape).

*holosericeus*

*Mulio holosericeus* Wiedemann, 1818a: 13. *Nomen nudum*.

*Nemotelus striatus* Pallas *in* Wiedemann, 1818a: 13. *Nomen nudum*.

*incana*

*Exoprosopa incana* Morge, 1976: 384. *Nomen nudum*.

**lugens**

*Biblio lugens* Thunberg, 1789: 89. TYPE LOCALITY: “cap. b. Spei” [= South Africa (Western Cape)] [T in UZIU].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape)

**lynx**

*Mvsca dvodecima* Schaeffer, 1769: pl. 107, fig. 5. [Unavailable; name proposed in a non-binominal work.]

*Anthrax lynx* Panzer, 1804: 116. TYPE LOCALITY: Germany [T in UNKN].

DISTRIBUTION: **Palaeartic**: Germany.

*maurus*

*Bombylius maurus* Thunberg, 1789: 92. TYPE LOCALITY: “Cap. bon. spei.” [= South Africa (Western Cape)] [T in UZIU]. [Preoccupied by Olivier, 1789; no new replacement name proposed here.]

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape)

**melanoptera**

*Musca melanoptera* Gmelin, 1790: 2833. TYPE LOCALITY: “extra Europam” [T (lost) in NMID (see Thompson & Pont, 1994: 35)].

DISTRIBUTION: **Patria Ignota**: “extra Europam”.

**multipunctata**

*Tanyglossa multipunctata* Thunberg, 1827: 74. TYPE LOCALITY: “Insula Isle de France” [= Mauritius] [T in UZIU].

DISTRIBUTION: **Afrotropical**: Mauritius.

**nigritus**

*Bombylius nigritus* Cyrillus, 1787: 7. TYPE LOCALITY: Italy [T (destroyed) in DCPC (see Evenhuis, 1997: 185)].

DISTRIBUTION: **Palaeartic**: Italy.

**polyzonias**

*Musca polyzonias* Lepekhin, 1775: 211, pl. 11, fig. 29. [Unavailable; name published in a non-binominal work.]

*Musca polyzonias* Gmelin, 1790: 2833. TYPE LOCALITY: “Sibirien” [= Russia (ES or WS)] [T (lost) in NMID (see Thompson & Pont, 1994: 35)].

DISTRIBUTION: **Palaeartic**: Russia (ES or WS).

**pygmaeus**

*Bombylius pygmaeus* Mod er, 1786: 301. TYPE LOCALITY: “Sibirien” [= Russia (ES or WS)] [T (lost) in NHRS (T. Pape, pers. comm.)]. [Preoccupied by Fabricius, 1781; no new replacement name proposed here.]

DISTRIBUTION: **Palaeartic**: “Sibirien” [= Russia (ES or WS)].

**quadrinotatus**

*Anthrax quadrinotatus* Sherborn, 1932: 177. *Nomen nudum*.

**similis**

*Bombylius similis* Mod er, 1786: 294. TYPE LOCALITY: South Africa (Western Cape) [T (lost) in NHRS (T. Pape, pers. comm.)].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**tabaniformis**

*Nemotelvs vicesimvs septimvs* Schaeffer, 1769: pl. 107, fig. 5. [Unavailable; name proposed in a non-binominal work.]

*Anthrax tabaniformis* Panzer, 1804: 205. TYPE LOCALITY: Germany [T in UNKN].

DISTRIBUTION: **Palaeartic**: Germany.

**tabanoides**

*Anthrax tabanoides* Lichtenstein, 1796: 215. TYPE LOCALITY: “Cap. bon. spei.” [= South Africa (Western Cape)] [T in UNKN (sold at auction)].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

**tessellatus**

*Anthrax tessellatus* Lichtenstein, 1796: 215. TYPE LOCALITY: “Cap. bon. spei.” [= South Africa (Western Cape)] [T in UNKN (sold at auction)].

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).

*variegatus*

*Bombylius variegatus* Thunberg, 1789: 92. TYPE LOCALITY: "Cap. bon. spei." [= South Africa (Western Cape)] [T in UZIU]. [Preoccupied by De Geer, 1776; no new replacement name proposed here.]

DISTRIBUTION: **Afrotropical**: South Africa (Western Cape).



**TAXA QUESTIONABLY PLACED IN BOMBYLIIDAE**Genus **ANTHRACIDA** Germar

**ANTHRACIDA**<sup>†</sup> Germar, 1849: 64. Type species: *Anthracida xylozona* Germar, 1849, by monotypy.

**xylozona**<sup>†</sup>

*Anthracida xylozona* Germar, 1849: 64. TYPE LOCALITY: Germany (Oligocene) [C] [H in ZFMK].

DISTRIBUTION: **Palaeartic**: Germany (Oligocene) [C].

## TAXA REMOVED FROM BOMBYLIIDAE

Aside from the recent transfer of the subfamily Proratinae [including the species in the genera *Alloxytropus*, *Caenotus*, *Caenotoides*, *Jackhallia*, and *Prorates*] to Scenopinidae; and the raising of Mythicomysiinae [including the over 320 species in the genera *Acoecus*, *Acridophagus*, *Cephalodromia*, *Cyrtisiopsis*, *Cyrtoides*, *Cyrtosia*, *Doliopteryx*, *Empidideicus*, *Euanthobates*, *Glabellula*, *Leylaiya*, *Mnemomyia*, *Mythicomyia*, *Nexus*, *Onchopelma*, *Palaeoplatypygus*, *Paraconsors*, *Platypygus*, *Procyrtosia*, *Proplatypygus*, *Pseudoglabellula*, and *Psiloderoides*] to separate family status, the following species, originally described or at one time considered in Bombyliidae, have been previously transferred to other families:

- Anthrax genius* Panzer, 1798: Heft 54, fig. 4 — to **Rhagionidae** (Unplaced) [Palaeartic].  
*Anthrax titanus* Fabricius, 1798: 554 — to **Athericidae** (*Atherix*) [Palaeartic].  
*Apystomyia elinguis* Melander, 1950b: 147 — to **Apystomyiidae** (*Apystomyia*) [Nearctic].  
*Bombylius apulus* Cyrillus, 1787: 7 — to **Tabanidae** (Unplaced) [Palaeartic].  
*Bombylius marginatus* Cyrillus, 1787: 8 — to **Tabanidae** (Unplaced) [Palaeartic].  
*Bombylius tabaniformisgriseus* De Geer, 1776: 270 — to **Tabanidae** (*Philoliche*) [Afrotropical].  
*Bombylius tabaniformisrufus* De Geer, 1776: 272 — to **Tabanidae** (Unplaced) [Afrotropical].  
*Caenotus thompsonii* Evenhuis, 1977: 122 — to **Therevidae** (*Brachylinga*) [Nearctic].  
*Cytherea fasciata* Fabricius, 1805: 116 — to **Nemestrinidae** (*Fallenia*) [Palaeartic].  
*Fraudator perspicuus* Hutton, 1901: 23 — to **Empididae** (*Homalocnemis*) [Australasian/Oceanian].  
*Phthiria dubia*<sup>†</sup> Germar, 1837: pl. 24 — to **Bibionidae** (*Biblio*) [Palaeartic].  
*Ploas rhagioniformis* Dufour, 1833: 213 — to **Therevidae** (*Chrysanthemyia*) [Palaeartic].  
*Psilocephala scudderii*<sup>†</sup> Cockerell, 1916: 90 — to **Therevidae** (*Palaeospherocera*) [Nearctic].  
*Stygia elongata* Say, 1823: 41 — to **Rhagionidae** (*Dialysis*) [Nearctic].  
*Tanyglossa fusca* Thunberg, 1827: 69. — to **Tabanidae** (*Fidena*) [Neotropical].  
*Tanyglossa vittata* Thunberg, 1827: 70 — to **Tabanidae** (*Philoliche*) [Afrotropical].  
*Zarzia zherichini*<sup>†</sup> Zaitzev, 1986: 818 — to **Rhagionidae** (*Zarzia*) [Palaeartic].