

**CHECK LIST OF THE CICINDELIDAE  
OF OCEANIA**

By  
**WALTHER HORN**

BERNICE P. BISHOP MUSEUM

OCCASIONAL PAPERS

VOLUME XII, NUMBER 6

HONOLULU, HAWAII  
PUBLISHED BY THE MUSEUM  
July 16, 1936



## CHECK LIST OF THE CICINDELIDAE OF OCEANIA

By WALTHER HORN

---

In the old literature *Therates fasciatus flavilabris* Fabricius and *Cicindela heros* Fabricius are mentioned as occurring in the Pacific. However these references are wrong: *Therates* occurs only in the Celebes and the Philippines, and *Cicindela heros* only in the Celebes. *Cicindela taitensis* Boheman was originally described from the Society Islands, but I discovered by studying Boheman's type it is merely the common neotropical *Cicindela argentata* Fabricius. I have no doubt that there are errors in the locality given for other species described by Boheman as coming from "Taiti" and brought back on the famous voyage of the *Eugenie*.

No Cicindelas of New Zealand are known from the adjacent islands, Lord Howe, Norfolk, the Kermadecs, Chatham, Bounty, Antipodes, Campbell, Auckland, Macquarie, and Stewart. *C. ezonata*, described by Broun from New Zealand, is probably identical with the Fijian species, *C. vitiensis* Blanchard. The locality, "Tule Island", is listed on page 8 but I do not know where in Oceania it is. Another locality, Duke of York Islands, has misled many entomologists, especially those who have recently worked on the Oceanic fauna. For many years I knew only that this citation did not refer to the Duke of York Islands in the Tokelau archipelago; I knew neither the collecting trip nor the source of the insects labeled "Duke of York". A short while ago I discovered that this locality was cited for insects in the catalogs of the Godeffroy Museum. I have no doubt that my specimens of *Tetracha aptera* and *Therates labiatus* came from the duplicates in this once famous Hamburg museum. The museum, founded about 1862 by Johan Caesar Godeffroy, often called "King of the South Seas", was disbanded in 1885. In the "Führer durch das Godeffroy Museum", issued in Hamburg in 1882, I found that the collector for the museum was Theodor Kleinschmidt, who was assassinated with his two companions on April 10, 1881, at Utuan in the small group of Duke of York Islands, now better known as Neu Lauenburg or Vellioko (between Gazelle Peninsula in New Britain and the southeastern end of New Ireland).

## Genus TRICONDYLA Latreille

**Tricondyla aptera** Olivier: Ent., vol. 2, no. 33, p. 7, pl. 1, fig. 1, 1790; Enc. meth., vol. 5, p. 727, pl. 174, fig. 1, 1790.—Latreille: in Latreille and Dejean, Hist. Nat. Col., ed. 1, p. 65, pl. 2, fig. 6, 1822; in Cuvier, Règne Anim., ed. Masson, atl. pl. 17, figs. 6, 6 a-b.—Dejean: Spec. Col., vol. 2, p. 438, 1826.—Guérin: in Cuvier, Règne Anim., p. 17, pl. 3, fig. 3 a-g, 1829-1844.—Brullé: in Audouin and Brullé, Hist. Nat. Col., vol. 1, p. 104, 1834.—Lucas: in Guérin, Dict. pitt. Hist. Nat., vol. 9, p. 465, pl. 702, fig. 1, 1840.—Duponchel: in Orbigny, Dictionn. Univ. Hist. Nat., atl. 2, p. 9, 1849; Ins. Col., pl. 1, fig. 5, 1849.—Chaudoir: Soc. Imp. Nat. Moscou, Bull. 33, no. 2, p. 299, 1860; Bull. 34, p. 360, 1861.—Schaum: Berlin Ent. Zeit., vol. 5, p. 76, 1861.—W. Horn: Deutsche Ent. Zeit., p. 346, 1893, pp. 28-30, 1906.

*Tricondyla connata* Lamarck: Hist. Nat. Anim. s. vert. ed. 2, vol. 4, p. 677, 1835.

*Tricondyla violacea* Chaudoir: Soc. Imp. Nat. Moscou, Bull. 33, no. 2, p. 302, 1860.—Schaum: Berlin Ent. Zeit., vol. 6, p. 184, 1862; Jour. Ent., vol. 2, p. 70, 1863.

Distribution: Bismarck Archipelago (Bennigsen): Admiralty Islands; New Hanover (Bennigsen); New Ireland (Neu Mecklenburg: Bennigsen); New Britain (Neu Pommern: C. Ribbe), Gazelle Peninsula, Baining Mountains (Bennigsen); "Liebliche Inseln" (south of New Britain: Bennigsen); Nusa Island (Bennigsen); Mioko Island (Neu Lauenburg or Duke of York: Kleinschmidt and Bennigsen). Kiriwini, Trobriand Islands. Woodlark Island (Montrouzier, Perroud). Solomon Islands: Bougainville (Kieta: Staudinger); Owa Raha (Staudinger); Shortland Island (C. Ribbe, W. W. Froggatt, 1909); San Cristoval Island (Bauro: Montrouzier). New Hebrides.

Anatomy: D. Sharp and F. Muir (Ent. Soc. London, Trans., p. 487, 1912).

—Life History: Ridley (Roy. Asiatic Soc. Jour., Straits Branch, p. 129, 1902); Robinson (in Annandale and Robinson, Fasc. Malay. Zool., vol. 1, p. 180, 1903).

—Stridulation: Guérin (in Duperrey, Voy. Coquille, vol. 2, pt. 2, div. 1, p. 58, 1830); Lucas (in Guérin, Dict. pitt. Hist. Nat., vol. 9, p. 465, 1840).—Mimicry: Ridley (Roy. Asiatic Soc., Jour., Straits Branch, p. 129, 1902); Annandale and Robinson (Fasc. Malay. Zool., vol. 1, p. 182, 1903).

## Genus THERATES Latreille

**Therates labiatus** Fabricius: Syst. Eleuth., vol. 1, p. 232, 1801.—Herbst: Natursyst. Ins. Käf., vol. 10, p. 198, 1806.—Bonelli: Accad. Torino (Classe Sc.), Mem. 23, pp. 248-250, 257, 258, pl. 4, figs. 1-11, 1818.—Dejean: Spec. Col., vol. 1, p. 158, 1825.—Gory: Mag. Zool., pl. 39, fig. 3, 1831.—Latreille: in Cuvier, Règne Anim., ed. Masson, vol. 1, pl. 17, fig. 4 a-b.—Brullé: in Audouin and Brullé, Hist. Nat. Ins. Col., vol. 1, p. 94, pl. 2, fig. 6, 1834.—Guérin and Percheron: Gen. Ins., ser. 1, vol. 1, pl. 1, 1835-1838.—Boisduval: Voy. Astrol., vol. 2, Col., p. 12, 1835.—Lucas: in Guérin, Dict. pitt. Hist. Nat., vol. 9, p. 399, pl. 688, fig. 3 a-c, 1840.—Lacordaire: Gen. Col., vol. 1, pl. 1, fig. 5a, 1854.—Montrouzier: Soc. Agric. Lycn, Ann., ser. 2, vol. 7, pt. 1, p. 7, 1855.

*Therates cyanipennis* Bonelli: Accad. Torino (Classe Sc.), Mem. 23, p. 256, 1818.

Distribution: Bismarck Archipelago (Bennigsen): Admiralty Islands (S. Gabriel: Bennigsen); New Ireland (Neu Mecklenburg: Bennigsen); New Britain (Neu Pommern: C. Ribbe), Gazelle Peninsula (Bennigsen); Mioko Island (Duke of York or Neu Lauenburg: Kleinschmidt and Bennigsen); Buka Island (Carola Harbor: W. Bates); small island west of Buka (Bennigsen); Gardner Island (Bennigsen). D'Entrecasteaux Islands. Trobriand Island. Woodlark Island (Montrouzier). Solomon Islands (W. W. Froggatt, July-August, 1909); New Georgia (Rubiana: C. Ribbe); San Cristoval Island (Bauro: Montrouzier); Guadalcanal (J. A. Kusche); Shortland Island (Ribbe, W. W. Froggatt, 1909).

Genitalia: D. Sharp and F. Muir (Ent. Soc. London, Trans., p. 487, pl. 47, fig. 29, 1912).

**Therates basalis** Dejean: Spec. Col., vol. 2, p. 437, 1826; Icon. Col., vol. 1, (reimpr. 1837), p. 56, pl. 6, fig. 6, 1829.—Guérin: in Duperrey, Voy. Coquille, vol. 2, pt. 2, div. 1, p. 58, Ins., pl. 1, fig. 6a, 1830; in Cuvier, Règne Anim., p. 16, pl. 3, fig. 1 a-f, 1829-1844.—Boisduval: Voy. Astrol., vol. 2, Col., p. 13, 1835.

Distribution: D'Entrecasteaux Islands. Solomon Islands (W. W. Froggatt, July-August, 1909), Shortland Island (C. Ribbe).

**Therates basalis** variety **simplo-flavescens** W. Horn: Wien Ent. Zeit., vol. 47, p. 3, 1930.

*Therates basalis* variety *misoriensis* Raffray: Soc. Ent. France, Bull., p. 96, 1878.—W. Horn: Deutsche Ent. Zeit., p. 54, 1897. Solomon Islands.

Distribution: Solomon Islands, Guadalcanal, Ugi (500 feet, R. A. Lever, May 6, 1934).

**Therates basalis** variety **duplo-flavescens** W. Horn: Wien Ent. Zeit., vol. 47, p. 3, 1930.

Distribution: Solomon Islands.

#### Genus CALEDONICA Chaudoir

Chaudoir: Soc. Imp. Nat. Moscou, Bull. 33, no. 4, p. 312, 1860.—Fauvel: Rev. d'Ent., vol. 1, p. 222, 1882; vol. 22, p. 212, 1903.—Lucas: Soc. Ent. France, Ann., ser. 4, vol. 3, p. 111, 1863.—W. Horn: Deutsche Ent. Zeit., p. 39, 1899; in Wytzman, Gen. Ins. Cic., pp. 168, 179-181, 438, pl. 15, fig. 215, 1908-1915.—Sloane: Linn. Soc. N. S. Wales, Proc., vol. 31, p. 313, 1906.

**Caledonica tuberculata** Fauvel: Rev. d'Ent., vol. 1, pp. 223-224, 1882; vol. 22, pp. 212-213, 1903.—W. Horn: in Wytzman, Gen. Ins. Cic., pls. 12, 15, figs. 4, 215, 1908-1915.

*Caledonica arrogans* Montrouzier: ex parte, Soc. Ent. France, Ann., ser. 3, vol. 8, p. 233, 1860.

*Caledonica mniszewski* Fauvel: Soc. Linn. Norm., Bull. 7, p. 129, pl. 9, figs. 1-4, 1862.

Distribution: New Caledonia: Yahoue; Tonghoue (Savès); Paita (Godard); Kanala (Coste); Bourail; Coula-Boreare; Negropo Valley, Mount Yate. Isle of Pines (Deplanche).

- Caledonica mniszehi** J. Thomson: Rev. Mag. Zool., vol. 8, p. 112, pl. 5, fig. 1, 1856.—Fauvel: Rev. d'Ent., vol. 1, pp. 223-224, 1882; vol. 22, pp. 212-213, 1903.  
*Caledonica arrogans* Montrouzier: ex parte Soc. Ent. France, Ann., ser. 3, vol. 8, p. 233, 1860.  
 Distribution: New Caledonia: Yahoue (Savès); Paita (Godard); Ourail (Bougier); Kanala (Coste); Hienghene (Le Rat).
- Caledonica acentra** Chaudoir: Rev. Mag. Zool., ser. 2, vol. 21, p. 23, 1869.—Fauvel: Rev. d'Ent., vol. 22, pp. 212-213, 1903.  
*Caledonica bawayi* Fauvel: Rev. d'Ent., vol. 1, pp. 223, 225, 1882.  
 Distribution: New Caledonia: Ciu; Noumea (Deplanche); Yahoue (Savès); Bourail (Lécard); Kanala (Coste); Hienghene (Le Rat).
- Caledonica lunigera** Chaudoir: Soc. Imp. Nat. Moscou, Bull. 33, no. 2, p. 314, 1860.—Fauvel: Rev. d'Ent., vol. 1, pp. 223, 225, 1882; vol. 22, pp. 212-213, 1903.  
*Caledonica arrogans* Montrouzier: ex parte, Soc. Ent. France, Ann., ser. 3, vol. 8, p. 233, 1860.  
*Caledonica deplanchei* Fauvel: Soc. Linn. Norm., Bull. 7, p. 129, pl. 9, fig. 5, 1862.  
 Distribution: New Caledonia, especially in the north.
- Caledonica mediolineata** Lucas: Soc. Ent. France, Bull., p. 27, 1862; p. 113, pl. 2, fig. 3, 1863.—Fauvel: Rev. d'Ent., vol. 1, p. 223, 1882; vol. 22, pp. 212-213, 1903.  
 Distribution: New Caledonia: Pleine des Lacs (P. Montague, 1918); Bourail (Bougier); Prony Bay (Savès); Thio (Savès); Yahoue; Noumea; Kanala. Isle of Pines (Deplanche).
- Caledonica affinis** Montrouzier: Soc. Ent. France, Ann., ser. 3, vol. 8, p. 234, 1860.—Fauvel: Soc. Linn. Norm., Bull. 7, p. 130, pl. 9, figs. 6, 7, 1862; Rev. d'Ent., vol. 1, pp. 223, 226, 1882; vol. 22, pp. 213, 214, 1903.  
*Caledonica fasciata* Chaudoir: Soc. Imp. Nat. Moscou, Bull. 33, no. 2, p. 313, 1860.  
 Distribution: New Caledonia: Balade (Deplanche); Hienghene (Le Rat). Isle of Pines.
- Caledonica affinis** subspecies *lerati* Fleutiaux: Soc. Ent. France, Bull., p. 162, 1911.  
 Distribution: New Caledonia, Hienghene (Le Rat).
- Caledonica myrmidon** Fauvel: Rev. d'Ent., vol. 1, pp. 223, 226, 1882; vol. 22, pp. 213-214, 1903.  
 Distribution: New Caledonia: Mount Mou (P. Montague, March 12, 1914); Bourail; Ourail (Lécard); Kanala (Bougier).
- Caledonica pulchella** Montrouzier: Soc. Ent. France, Ann., ser. 3, vol. 8, p. 234, 1860.—Fauvel: Rev. d'Ent., vol. 1, pp. 223, 227, 1882; vol. 22, pp. 213-214, 1903.  
 Distribution: "New Caledonia".
- Caledonica longicollis** Fauvel: Rev. d'Ent., vol. 22, pp. 213-214, 1903.  
 Distribution: New Caledonia, Kanala (Bougier).

## Genus PROTHYMA Hope

## Subgenus VATA Fauvel

Fauvel: Rev. d'Ent., vol. 1, p. 221, 1882; vol. 22, p. 211, 1903.—W. Horn: Deutsche Ent. Zeit., p. 331, 1893; p. 38, 1899; Syst. Ind. Cic., pp. 13, 14, 1905; in Wytsman, Gen. Ins. Cic., pp. 170-172, 177, pls. 11, 15, figs. 8, 214, 1908-1915.

**Vata thomsoni** Perroud: Soc. Linn. Lyon (n. s.), Ann., vol. 11, p. 48, 1864.—Fauvel: Rev. d'Ent., vol. 1, p. 221, 1882; vol. 22, p. 211, 1903.—W. Horn: Deutsche Ent. Zeit., p. 38, 1899; Syst. Ind. Cic., pp. 13-14, 1905; in Wytsman, Gen. Ins. Cic., pl. 11, fig. 8, 1910.

Distribution: New Caledonia: Noumea (Delauney); Bourail (Savès); Hienghene (Montrouzier); Prony Bay (Delauney); Yate.

**Vata thomsoni** subspecies? **gracilipalpis** W. Horn: Leyd. Mus., Not., vol. 31, p. 187, 1909; in Wytsman, Gen. Ins. Cic., p. 177, pl. 15, fig. 214, 1910.

Distribution: "New Caledonia"; Plum (Le Rat).

## Subgenus PSEUDO-DISTYPSIDERA W. Horn

W. Horn: Natuurhist. Maandblad, vol. 23, no. 11, p. 144, 1934.

**Pseudo-distypsidera bidentilabris** W. Horn: Natuurhist Maandblad, vol. 23, no. 11, p. 144, 1934.

Distribution: Samoa.

## Genus CICINDELA Linnaeus

**Cicindela decemguttata** subspecies **urvillei** (pro d'Urvillei) Dejean: Spec. Col., vol. 5, p. 225, 1831.—Guérin: in Duperrey, Voy. Coquille, vol. 2, pt. 2, div. 1, p. 58, atl., Ins., pl. 1, fig. 2, 1830.—Boisduval: Voy. Astrol., vol. 2, Col., p. 3, 1835.

Distribution: Bismarck Archipelago: New Britain (Neu Pommern: C. Ribbe), Gazelle Peninsula and Baining Mountains (Bennigsen); New Ireland (Neu Mecklenburg: Bennigsen); Mioko (Duke of York or Neu Lauenburg: Bennigsen); "Liebliche Inseln" (south of New Britain: Bennigsen); Gardner Island (Bennigsen); Nusa (Bennigsen). Trobriand Islands, Kiriwini (N. G. Meek). D'Entrecasteaux Islands.

Life History: Ribbe (Insektenbörse, vol. 14, p. 164, 1897).

**Cicindela decemguttata** subspecies **marmorata** Horn: Ent. Blätter, vol. 21, p. 138, 1925.

Distribution: Solomon Islands: Bougainville (P. Kibler); Kieta (J. L. Froggatt, May, 1934).

**Cicindela decemguttata** subspecies **sanguineo-maculata** Blanchard: Voy. Pôle Sud., Zool., vol. 4, p. 5, pl. 1, fig. 3, 1853.

**Cicindela decemguttata cristovallensis** Montrouzier: Soc. Agric. Lyon, Ann., ser. 2, vol. 7, p. 6, 1855.

Distribution: Solomon Islands: Tulagi (Bennigsen); Owa Raha (Staudinger); San Cristoval (Bauro: Montrouzier); New Georgia (Rubiana: C. Ribbe). Woodlark Island.

*Cicindela semicincta* Brullé: Rev. Ent. Silberm., vol. 2, p. 100, 1934.—Chaudoir: Soc. Imp. Nat. Moscou, Bull. 27, no. 1, p. 117, 1854.—W. Horn: Deutsche Ent. Zeit., p. 147, 1905.—Sloane: Linn. Soc. N. S. Wales, Proc., vol. 31, pp. 337, 344-346, pls. 28-30, figs. 38, 88, 89, 108-113, 1906.

*Cicindela interrupta* Fabricius: Syst. Eleuth., vol. 1, p. 243, 1801; Herbst. Natursyst. Ins. Käf., vol. 10, p. 210, 1806.

*Cicindela hemicycla* Montrouzier: Soc. Agric. Lyon, Ann., ser. 2, vol. 7, p. 7, 1855; Soc. Ent. France, Ann., ser. 3, vol. 8, p. 233, 1860.

*Cicindela circumcincta* Castelnau: Roy. Soc. Victoria, Trans., vol. 8, p. 34, 1867.

*Cicindela menetriesi* Gistel: Syst. Ins., vol. 1, p. 25, 1837.

Distribution: Bismarck Archipelago: New Ireland (Neu Mecklenburg: Bennigsen); New Britain (Neu Pommern: Ribbe), Gazelle Peninsula and Baining Mountains (Bennigsen); Mioko Island (Duke of York or Neu Lauenburg: Bennigsen); Nusa Island (Bennigsen). Solomon Islands: Tovotzian (Bennigsen). New Hebrides: Santo (Risbec); Hog Naibom (P. A. Buxton, July, 1925); Banks Islands (Vanua Lava, L. E. Cheesman, November, 1929); Malekula (Ounua: L. E. Cheesman, March, April, 1929). Woodlark Island. New Caledonia: Noumea; Yahoue (Savès); Paita (Godard); Bourail (Bougier); Kanala (Coste); the entire northern end of the island (Montrouzier); Oubatche; Thio; Mount Yate. Isle of Pines (Deplanche). Loyalty Islands: Fayaoué (Ouréa); Lifu (Deplanche). "Tule Island" (coll. Plason).

Life history: Simmonds (Ent., vol. 41, pp. 30, 31, 1908).

*Cicindela discreta* Schaum: Jour. Ent., vol. 2, p. 59, 1863.—Sloane: Linn. Soc. N. S. Wales, Proc., vol. 31, p. 345, 1906.

Distribution: Solomon Islands: Maita Island (Su'u); Tulagi (H. T. Pagden, January 26, 1935); Malaita (R. A. Lever, April, 1933). New Hebrides: Malekula (Ounua, L. E. Cheesman, February-April, 1929); Banks Islands (Vanua Lava, L. E. Cheesman, November, 1929).

?Aberration *spinosa* W. Horn: Syst. Ind. Cic., p. 40, 1905. New Britain (Neu Pommern: Bennigsen). Kinigunang (C. Ribbe). Nusa Island (Bennigsen).

*Cicindela funerata* subspecies *barbata* W. Horn: Deutsche Ent. Zeit., p. 90, 1895; p. 87, 1904.

Distribution: New Ireland (Neu Mecklenburg: Bennigsen). New Britain (Neu Pommern), Gazelle Peninsula, Baining Mountains, and Herberthöhe (Bennigsen). Mioko (Duke of York or Neu Lauenburg, Bennigsen and Ribbe). Fergusson Island. Solomon Islands?

*Cicindela declivis* W. Horn: Deutsche Ent. Zeit., p. 364, 1900.

Distribution: New Britain (Neu Pommern), Gazelle Peninsula and Baining Mountains (Bennigsen).

*Cicindela ribbei* W. Horn: Deutsche Ent. Zeit., p. 360, 1895.

Distribution: Solomon Islands (Shortland Island: Ribbe).

*Cicindela plurigemmosa* Horn (MS.). New Hebrides.

- Cicindela vitiensis** Blanchard: Voy. Pôle Sud, Zool., vol. 4, p. 7, pl. 1, fig. 5, 1853.—Fairmaire: Soc. Ent. France, Ann., ser. 6, vol. 1, p. 244, 1881.  
Distribution: Fiji: Matuku (July); Ovalau (October); Vitilevu (June); Wakaya (October); Lau (E. H. Bryan Jr., September); Pipe Trail; Suva Bay (July 22, 1924); Rewa (Muir); Moala Island (E. H. Bryan, Jr., August 13, 1924).  
Aberration *imperfecta* W. Horn: Stett. Ent. Zeit., vol. 57, p. 169, 1896. Probably found with the species.
- Cicindela vitiensis ? ezonata** Broun: New Zealand Inst., Bull. 1, pt. 7, p. 594, 1921.—W. Horn: Soc. Nat. Luxemb., Bull. (n. s.) 28, pp. 74-76, 1934.  
Distribution: New Zealand, Greymouth (northwest of South Island). Only one specimen of *Cicindela ezonata* is known from New Zealand, collected by the late J. H. Lewis. Since there is almost no doubt that it is identical with *C. vitiensis*, a common species in Fiji, I personally doubt the validity of the New Zealand locality.
- Cicindela trifasciata** Fabricius: Spec. Ins., vol. 1, p. 286, 1781; ex parte Ent. Syst., vol. 1, p. 177, 1792; ex parte Syst. Eleuth., vol. 1, p. 242, 1801.—W. Horn: Deutsche Ent. Zeit., p. 181, 1897; Stett. Ent. Zeit., vol. 68, p. 329, 1907; in Wytzman, Gen. Ins. Cic., p. 403, 1915.—Leng and Mutchler: Am. Mus. Nat. Hist., Bull. 35, art. 36, pp. 689, 692, pl. 12, fig. 9, 1916; p. 691, fig. 2; p. 693, fig. 3, 1916.  
*Cicindela tortuosa* Dejean: Spec. Col., vol. 1, p. 87, 1825.—Guérin: in Duperrey, Voy. Coquille, vol. 2, pt. 2, div. 1, p. 58, atl., Ins., pl. 1, fig. 3, 1830.—Jacq. du Val: in De la Sagra, Hist. Ins. Cuba, ser. 7, vol. 2, Anim. Art. Ins., p. 5, pl. 6, figs. 1, 2, 1856-1857.—Chevrolat: Soc. Ent. France, Ann., ser. 4, vol. 3, p. 185, 1863.—Varas: Rev. Chil. H. N., vol. 25, p. 51, pl. 3, fig. 5, 1921.  
*Cicindela hebraea* Putzeys: Soc. Ent. Belg., Ann., vol. 17, pp. 117-118, 1874.  
*Cicindela insidiosa* ex parte Gistel: Syst. Ins., vol. 1, p. 48, 1837.  
Distribution: Revillagigedo Islands (Socorro Island: Engelhardt, February, 1930).  
Genitalia: D. Sharp and F. Muir (Ent. Soc. Lond., Trans., p. 486, pl. 47, fig. 30, 1912).
- Cicindela galapagoensis** W. Horn: Arkiv. Zool., vol. 13, no. 11, p. 17, 1920; in Wytzman, Gen. Ins. Cic., pp. 238, 241, 251, 397, 399, 402, 1915.—Mutchler: Zoologica (New York), vol. 5, no. 20, pp. 221-222, 1925.  
Distribution: Galapagos Islands, Albemarle Island (Banks Bay: F. X. Williams).
- Cicindela parryi** White: Voy. Ereb. and Terror, p. 1, pl. 1, fig. 2, 1846.—Castelnau: Roy. Soc. Victoria, Trans., vol. 8, p. 35, 1867.—Broun: Man. New Zealand Col., vol. 1, p. 4, 1880.  
Distribution: New Zealand.  
Larvae: Castelnau (Roy. Soc. Victoria, Trans., vol. 8, p. 36, 1867).
- Cicindela tuberculata** Fabricius: Syst. Ent., p. 225, 1775; Spec. Ins., vol. 1, p. 285, 1781; Ent. Syst., vol. 1, p. 174, 1792; Syst. Eleuth., vol. 1, p. 238, 1801.—Olivier: Ent., vol. 2, no. 33, p. 22, pl. 3, fig. 28, 1790.—Herbst: Natursyst., Ins., Käf., vol. 10, p. 189, pl. 172, fig. 12, 1806.—Dejean: Spec. Col., vol. 2, p. 431, 1826.—Guérin: in Duperrey, Voy. Coquille, Zool., vol. 2, pt. 2, div. 1, p. 58, atl., Ins., pl. 1, fig. 4, 1830.—Boisduval: Voy. Astro-

labe, vol. 2, Col., p. 6, 1835.—White: Voy. Ereb. and Terror, pl. 1, 1846.—Broun: Man. New Zealand, Col., vol. 1, p. 2, 1880.—H. W. Bates: Ann. Mag. Nat. Hist., ser. 4, vol. 13, p. 234, 1874.

*Cicindela tuberculosa* Olivier: Enc. méth., p. 732, pl. 174, fig. 19, 1790.

*Cicindela huttoni* Broun: New Zealand Inst., Trans. and Proc., vol. 9, p. 375, 1876-1877; Man. New Zealand Col., vol. 1, p. 2, 1880.—W. Horn: Wien. Ent. Zeit., vol. 44, p. 40, 1927.

Distribution: New Zealand. The two original localities are South Island, Martin Bay (west coast of Otago: F. W. Hutton), and North Island, Tairua (east coast of Auckland: T. Broun).

Life History: J. J. Walker (Ent. Soc. Lond., Trans., p. cxxi, (1921), 1920).

Larva: Castelnau (Roy. Soc. Victoria, Trans., vol. 8, p. 35, 1867).

*Cicindela tuberculata* subspecies *latecincta* White: Voy. Ereb. and Terror, p. 1, pl. 1, fig. 1, 1846.—Bates: Ann. Mag. Nat. Hist., ser. 4, vol. 13, p. 234, 1874.—Broun: Man. New Zealand Col., vol. 1, p. 3, 1880.

Distribution: New Zealand, south Island, East Otago and Canterbury.

Life history: J. J. Walker (Ent. Soc. London., Trans., p. cxxi, (1921), 1920).

*Cicindela waiouraensis* Broun: New Zealand Inst., Bull., vol. 1, no. 3, p. 146, 1914.

Distribution: New Zealand, south of North Island (Waiouru near Mount Ruapehu: G. V. Hudson. Waiouru: E. Fairburn, January 8, 1929. Ohakune-Waiouru: T. R. Harris. Waimarino, 2,800 feet, National Park.)

*Cicindela dunedensis* Castelnau: Roy. Soc. Victoria, Trans., vol. 8, p. 35, 1867.—Bates: Ann. Mag. Nat. Hist., ser. 4, vol. 13, p. 235, 1874.

*Cicindela dumedinensis* Broun: Man. New Zealand Col., vol. 1, p. 4, 1880.

*Cicindela wakefieldi* Bates: Ann. Mag. Nat. Hist., ser. 4, vol. 13, p. 234, 1874.—Broun, Man. New Zealand Col., vol. 1, p. 3, 1880.

Distribution: New Zealand, South Island, east coast: Otago Province (Dunedin and Castelnau); Canterbury near Christchurch (C. M. Wakefield and R. W. Fereday).

*Cicindela hamiltoni* Broun: New Zealand Inst., Bull., vol. 1, no. 7, p. 594, 1921.—W. Horn: Wien. Ent. Zeit., vol. 44, p. 38, 1927.

Distribution: New Zealand, northeast of South Island, Mouat's Lookout (Awatere River basin, 5700 feet: H. Hamilton).

*Cicindela helmsi* Sharp\*: Roy. Dublin Soc., Trans., vol. 3, pp. 358, 451, 1886.

*Cicindela novaseelandica* W. Horn: Deutsche Ent. Zeit., p. 83, 1892.

*Cicindela halli* Broun: New Zealand Inst., Bull., vol. 1, no. 5, p. 350, 1917.—W. Horn: Wien. Ent. Zeit., vol. 44, p. 39, 1927. New Zealand: Hollyford, February 23, 1914, type of *C. halli*.

Distribution: New Zealand, South Island: west Otago, Westland (Grey-mouth). Marlborough Province (Waiau River, Clarence River). Nelson and Westland Districts.

\* Species marked by an asterisk are those for which I have insufficient material to enable me to determine whether they are species or subspecies. There is a good deal of differentiation in the form of the penis.

*Cicindela circumpectoides* W. Horn\*: Deutsche Ent. Zeit., p. 207, 1900; p. 21, 1907.

Distribution: "New Zealand".

*Cicindela feredayi* Bates\*: Ent. Monthly Mag., vol. 4, p. 53, 1867; ser. 4, vol. 13, p. 235, 1874.—Broun: Man. New Zealand Col., vol. 1, p. 4, 1880.

Distribution: New Zealand, South Island: Canterbury Province, South Alps (1,000 meters, March, B. Friedländer); Christchurch (R. W. Fereday); Rakaia near Christchurch (C. M. Wakefield); "Palmerston on the southwest coast of North Island" (probably confused with Palmerston on the southeast coast of South Island). Marlborough Province (Waiau River).

*Cicindela austromontana* Bates\*: Ent. Monthly Mag., vol. 15, p. 22, 1878. Broun, Man. New Zealand Col., vol. 1, p. 5, 1880.

*Cicindela incognita* W. Horn: Deutsche Ent. Zeit., p. 82, 1892.

Distribution: New Zealand, South Island: Canterbury Province, Castle Hill (east slope of New Zealand Alps, C. M. Wakefield). Marlborough Province.

*Cicindela perhispidata* Broun: Man. New Zealand Col., vol. 1, p. 4, 1880.—W. Horn: Ent. Blätt., vol. 22, p. 168, 1926 (nec W. Horn, in Wytzman, Gen. Ins. Cic., p. 319, pl. 18, fig. 9, 1908-1915).—W. W. Walker: Ent. Monthly Mag., p. 117, 1904.

Distribution: New Zealand: Hokianga (T. F. Cheesman); Whangarei Harbour (Marsden Point, T. Broun); Woodhills near Auckland City (J. J. Walker, January 21, 1902); Dargaville (west coast, north of Kaipara Harbor, not far from Hokianga, A. E. Brookes, 1934); north of North Island, "Wellington" (Fuller Baker), a doubtful locality.

*Cicindela perhispidata* subspecies *campbelli* Broun: Man. New Zealand Col., vol. 4, p. 817, 1886.

*Cicindela perhispidata brouni* W. Horn: Deutsche Ent. Zeit., p. 336, 1893; Stett. Ent. Zeit., vol. 57, p. 171, 1896; Ent. Blätt., vol. 22, p. 168, 1926.

"*perhispidata* variety" W. Horn; Deutsche Ent. Zeit., p. 97, 1892.

Distribution: New Zealand, northwest coast of North Island: Waikato Heads (W. D. Campbell and Haireburn, January 10, 1932); Port Waikato (C. Cockroft, December 27, 1925); Kare-Kare Beach (Haireburn, January 10, 1932).

*Cicindela brevilunata* W. Horn: Ent. Blätt., vol. 22, p. 168, 1926.

*Cicindela perhispidata* W. Horn: in Wytzman, Gen. Ins. Cic., p. 319, pl. 18, fig. 9, 1908-1915.

Distribution: New Zealand, North Island: Hokianga, Waipu (A. E. Brookes, January 2, 1914); Ruakaka Beach (Fairburn, March 25, 1932); "North of North Island".

According to Broun's collection in the British Museum *Cicindela brevilunata* is a species distinct from the type of *C. perhispidata* Broun (Horn, Ent. Blätt., vol. 22, p. 168, 1926). But since both *C. brevilunata* and *C. perhispidata* are taken together in flight, and are both found at Hokianga, it is possible that Broun confused the two forms. I do not know whether the specimen from "Hokianga" in my collection (Ent. Blätt., vol. 22, p. 168, 1926) taken from Broun's collection in the British Museum is the same "Hokianga specimen" mentioned in Broun's original description; it is not marked as his original specimen. As Broun's description does not differentiate the two species, it may prove impossible to satisfactorily distinguish them.