

## CATALOG OF ENTOMOLOGICAL TYPES IN THE BERNICE P. BISHOP MUSEUM

### Subclass Acari<sup>1</sup>

By JoAnn M. Tenorio<sup>2</sup>

*Abstract:* This catalog lists some 300 primary and secondary types of Acari deposited in the Bishop Museum collection. Included in separate sections are types reported in this collection but not deposited therein and holotypes transferred to other institutions. In addition to listing and evaluation of type data, information on each of the 5 major suborders is provided as to relative strength of holdings and geographical areas best represented. For the parasitic Acari, type host names and numbers are given. Many host identifications are confirmed as previously published; some are corrected; and many are published here for the first time. Depositories other than the Bishop Museum for type host specimens are reported where available.

The Acarology Collection in the Bishop Museum is one of the largest in the world. The collection encompasses some 2630 identified species in the 5 major suborders and contains approximately 300 primary and secondary types (holotypes, lectotypes, syntypes and cotypes). Because staff members of the Acarology Section have devoted themselves largely to medically important groups, the collection is particularly strong in the parasitic Acari.

Mesostigmata is by far the best represented suborder in the Bishop Museum Acarology Collection. The studied portion of the collection comprises about 34,000 slides of 1860 identified species (including numerous paratypes), with parasitic forms a dominant element. Specimens mounted on slides represent only a small portion of the total surveyed collection; the bulk of the identified material is permanently stored in alcohol. Families particularly well represented in the collection include the Laelapidae, Macronyssidae, Rhinonyssidae and Spinturnicidae. The collection is richest in material from Oceania, New Guinea, the Oriental Region, the Antarctic and islands of the Subantarctic. The 99 primary types and 9 allotypes deposited in the museum reflect the complexion of the mesostigmatic collection as a whole in comprising mostly parasitic species.

Metastigmata number about 135 identified species of ticks from many areas of the world, with more species deriving from SE Asia than from any other region. There are, at present, 3 holotypes deposited in the collection.

The Prostigmata general collection, excluding the Trombiculidae, has approximately 130 identified species. This collection is strongest in the free-living mites of the families

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Rhagidiidae, Eupodidae, and Penthelodidae from the Antarctic and Subantarctic and in the parasitic Myobiidae and Psorergatidae. The Trombiculidae collection is particularly extensive, with over 330 predominantly Oriental species of chiggers identified; over 1/3 of these named species are represented by paratypes. The Prostigmata collection embodies 95 primary types and 7 allotypes; 58 of the holotypes and lectotypes are of chigger species.

The Astigmata holdings that have been studied are relatively small. About 70 species have been identified, primarily in the parasitic families. There are 14 primary and secondary types. Particularly extensive unworked collections of feather mites from New Guinea are in alcohol.

The Cryptostigmata comprise about 105 identified species, primarily from Oceania, New Guinea, the Antarctic, and islands of the Subantarctic. The type collection incorporates 90 holotypes, cotypes, and syntypes. Of these, 48 types represent oribatid species described by A. P. Jacot in 1934 and 1935, primarily from collections made in the Marquesas Is., the Hawaiian Is., and Micronesia.

#### *Contents of catalog*

This catalog includes all holotypes, lectotypes, syntypes, cotypes and allotypes actually or reportedly deposited in the Bishop Museum Acarology Collection. Allotypes, though only tertiary types, are listed in the catalog in their own right when they have been given a number in the type register and where the holotype is deposited elsewhere; when deposited in the Bishop Museum collection with a holotype, the allotype holding is merely indicated under the holotype listing. Types reported to be deposited in Bishop Museum but which have not been located in the collection, as well as holotypes which have been transferred to other institutions, are listed in a separate section at the end of the main catalog listing.

Names are listed as published in the original description. One problem encountered in this respect was how to deal with taxa that were referred by the author to an infrasubspecific rank. For example, A. P. Jacot described several oribatid mites as forms, using quadrinominal and trinominal names. According to the 1961 edition of the *International Code of Zoological Nomenclature*, such infrasubspecific categories have no standing in zoological nomenclature unless they have been elevated to a rank of the species-group, e.g., the subspecies [see Articles 10(b) and 45(c)]. Although they may not now be available, names first published with infrasubspecific ranking and represented by type specimens in the Bishop Museum are included in this catalog as originally cited.

#### *General format*

The format follows that laid out in the general introduction to the Bishop Museum Entomological Type Catalog (Radovsky et al. 1976). Types are listed by families, except in the case of Cryptostigmata where family placement is not attempted. Families are listed alphabetically within each suborder. Species-group names are listed alphabetically within each family and without family separation in the suborder Cryptostigmata.

Localities, particularly those collected by Bishop Museum personnel, for which additional information is available have been corrected or supplemented to the best available knowledge. The collection information given in this catalog for type specimens is a synthesis of the type label data and the collection information published in the original description. Altitudinal information is added where it is possible to pinpoint fairly

accurately the collection site. Comments or collection information given in brackets were added by me and do not appear on the type label or in the original description.

Slide numbers of type specimens, for the most part, have not been included as part of the specimen data. Exception has been made in the case of the *Cryptostigmata* cotypes described by A. P. Jacot. In some of his publications, particularly in his 1934 work on the Hawaiian oribatids (B. P. Bishop Mus. Bull. 121), Jacot commonly cited all material examined in each new species-group taxon under the general heading of "Cotypes." However, not all of the specimens listed were labeled as cotypes, and it seems obvious from his labeling of the slides that some were not intended as types. Therefore, for the purpose of this catalog, I am including only material clearly labeled as constituting type material. Slide numbers associated with cotypes labeled as such are given under each species to allow the interested reader to pick out from Jacot's original description those specimens which he clearly indicated as types.

#### *Host information*

Many of the acarine types deposited in the Bishop Museum are the product of extensive host-parasite studies that personnel of the Bishop Museum have conducted in several areas. Some of these field programs, notably that being carried out in New Guinea, are ongoing research efforts. Large series of vertebrate hosts have been collected in conjunction with such ectoparasite studies and many of these have been deposited in the Bishop Museum Vertebrate Zoology Collection, forming an important source of voucher specimens for confirmation of the identity of type hosts.

When available, host names are listed in this catalog for each parasitic acarine type. All host identifications are followed by the type host specimen number. This number allows retrieval of any information cataloged with a host specimen or makes possible future confirmation of identifications; the identical number is usually assigned to all associated parasites of an individual host. Host numbers are usually prefixed by a letter sequence which may indicate the depository museum (e.g., AMNH# = American Museum of Natural History); the expedition associated with the collection (e.g., A.E.# = field # of an Archbold Expedition of the American Museum of Natural History); or the field number of the collector (H.C.# = H. Clissold). Host numbers prefixed by BBM or BM (usually followed by a geographic coding, as in BBM-NG, signifying a Bishop Museum New Guinea collection) designate hosts deposited in the Bishop Museum, unless otherwise stated. Original field numbers have been translated to the present museum catalog number where this is known; if the present museum number is different from that given in the original parasite description both are included here. For host specimens not deposited in the Bishop Museum, the depository museum and the presently assigned catalog number are listed when definitely known.

Occasionally, when large series of the more common hosts were collected in the field, their parasites may have been pooled. It is customary in this case that the museum or other reference number associated with the parasites be serial to include all host specimens from which the parasites were pooled. In such situations, the host identification will be followed by a serial number, as TMP 1471-1481, which indicates that the parasites were collected from 1 or more host specimens in that series of animals.

Tentative field identifications are often listed in the field for each vertebrate host collected. For vertebrate material deposited in the Bishop Museum, field identifications are routinely subject to final identification by the resident vertebrate zoologist. However, unconfirmed field identifications have occasionally appeared in the literature without

qualification. We have attempted to secure confirmation of host identifications given in the original descriptions of the mites. We have also sought to provide names for vertebrate hosts not previously identified. This has been accomplished not only for type host specimens on deposit in the Bishop Museum, but also in the case of hosts for which we have been provided identifications by other depositories.

A host identification published here for the first time is indicated by an asterisk (\*) following the name. The asterisk is also used to denote the first published correction of a host misidentification given in the original description. In the latter case, the original identification as well as the corrected one are listed.

A host identification verified to be correct as published in the original parasite description is denoted by a plus (+). If the currently used generic name of the host differs from that given in the original description of the parasite, both are presented here for clarity.

In some cases, host specimens were not saved by the collector for museum identification. If this is stated in our records or can be inferred from field data sheets, this information is given here. Where hosts were discarded in the field and therefore never available for identification by a vertebrate zoologist, taxonomic judgments of host identity are presented, based on the best available information. This takes into consideration the original field identification, if any; individual host measurements recorded on the field data sheets; known geographical or altitudinal distributions of similar species with which the host might have been confused; and varying taxonomic expertise of the field collectors involved. When these judgments conflict with an identification given in the original publication, both are presented.

Host names neither accompanied by the above symbols nor otherwise qualified are cited as in the original type parasite description, and no endorsement of their validity is implied by the present listing.

Localities, dates and collectors for parasites have been checked for correspondence with the available type host label data and any significant discrepancies have been noted.

Host names follow the most recent vertebrate reference works available. Subspecies names have been omitted in new identifications and confirmations. However, subspecific names given in the original description are noted.

To facilitate reader recovery of taxonomic or biologic information on hosts, host scientific names are identified as to class using the following symbols: (A) = Aves; (M) = Mammalia; (R) = Reptilia; (I) = Insecta.

Abbreviations for host depositories used in this catalog are as follows:

AMNH = American Museum of Natural History  
USNM = U. S. National Museum of Natural History

I am extremely grateful for the assistance of Alan C. Ziegler, Vertebrate Zoologist in the Bishop Museum, who provided me with confirmations of previous host identifications and made available to me new identifications presented here for the first time. Taxonomic opinions on field-discarded vertebrate hosts were also rendered by Dr Ziegler.

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## SPECIES-GROUP ENTRIES

## Order PARASITIFORMES

## Suborder MESOSTIGMATA

## AMEROSEIIDAE

<b>lindquisti</b> Prasad, <i>Neocypholaelaps</i>	HOLOTYPE ♀	7523
1968 <i>Ann. Ent. Soc. Amer.</i> 61(1): 130–32 Fig. 1	Slide	
HAWAIIAN IS: Oahu I: Manoa Valley V.1966 V. Prasad		
Ex <i>Achaea janata</i> proboscis (I)		
<b>senarius</b> Allred, <i>Ameroseius</i>	HOLOTYPE ♀	8815
1970 <i>J. Med. Ent.</i> 7(1): 101–02 Fig. 3–8, 9	Slide	
NEW GUINEA (NE) <sup>3</sup> : West Sepik District: May River 122 m V.1963 P. Temple		
Ex <i>Reinwardtoena reinwardtsi*</i> , BBM-NG 22618 (A)		
<b>wilsoni</b> Allred, <i>Ameroseius</i>	HOLOTYPE ♀	8814
1970 <i>J. Med. Ent.</i> 7(1): 99–101 Fig. 1, 2, 7, 8	Slide	
NEW GUINEA (NE): Morobe District: Wau Creek 1530 m III.1963 P. J. Shanahan		
Ex nasal cavity of a "Rainbow Lorry" [sic], BBM-NG 20425. (A) Host not saved; probably <i>Trichoglossus haematodus</i> .		

## DASYPONYSSIDAE

<b>bifidus</b> Radovsky & Yunker, <i>Xenarthronyssus furmani</i>	HOLOTYPE ♀	8790
1971 <i>J. Med. Ent.</i> 8(2): 140–42 Fig. 16–21	Slide	
PANAMA: Canal Zone: Pedro Miguel River II.1962 C. E. Yunker		
Ex <i>Dasydipus novemcinctus</i> , RML 44509 (M)		

## EVIPHIDIDAE

<b>hirschmanni</b> Hunter, <i>Thinoseius</i>	HOLOTYPE ♀	8830
1970 <i>Pacif. Ins. Monogr.</i> 23: 55–57 Fig. 5A–G, 6A–C	Slide	
SUBANTARCTIC IS: South Georgia I: Barff Peninsula: Ocean Harbors Beach I.1964		
H. B. Clagg		
From rotting kelp and rocks on beach		
<b>katherinae</b> Hunter, <i>Thinoseius</i>	HOLOTYPE deutonymph	8831
1970 <i>Pacif. Ins. Monogr.</i> 23: 57–59 Fig. 6D–I	Slide	
SUBANTARCTIC IS: South Georgia I: Fortuna Bay I.1964 H. B. Clagg		
From tussock grass		

## IXODORHYNCHIDAE

<b>philippinensis</b> Voss, <i>Hemilaelaps</i>	HOLOTYPE ♀	6130
1967 <i>J. Med. Ent.</i> 4(4): 388–90 Fig. 1–6	Slide	
PHILIPPINES: Negros I: Negros Oriental: 20 km W of Bais III.1955 Empeso & Kinilitaro		
Ex <i>Cyclocorus lineatus</i> , #18758 in collection of Natural History Museum, Stanford University (R)		

<sup>3</sup>The island of New Guinea and associated smaller islands is divided into 4 quadrants for purpose of geographic orientation in this section of the Catalog. The separation of NE and SE from NW and SW is at the border between Papua New Guinea and Irian Jaya. NE comprises New Guinea and SE comprises Papua. NW comprises the northern 3 districts (Hollandia, Geelvink Bay, West) of Irian Jaya and SW comprises the remainder. This system corresponds essentially to that followed by Gressitt & Szent-Ivany (1968).

## LAELAPIDAE

<b>accessoria</b> Tenorio & Radovsky, <i>Mesolaelaps</i>	HOLOTYPE ♀	10,109
1974 <i>J. Med. Ent.</i> 11(2): 212–15 Fig. 1–11	Slide	
NEW GUINEA (NE): Morobe District: Mt Kaindi: 16 km W of Wau 2300 m IX.1971		
W. Gagné		
Ex nest of small marsupial (M)		
<b>alingworthae</b> Strandtmann & Mitchell, <i>Laelaps (Echinolaelaps)</i>	HOLOTYPE ♀	3458
1963 <i>Pacif. Ins.</i> 5(3): 562–64 Fig. 8	Slide	
THAILAND: Chiang Mai Province: Doi Suthep: Pha Lad. III.1962		
Ex <i>Rattus niveiventer</i> , SMRL #686 (M)		
<b>bakeri</b> Mitchell & Strandtmann, <i>Trichosurolaelaps</i>	HOLOTYPE ♀	3550
1964 <i>J. Med. Ent.</i> 1(2): 126–28 Fig. 9–12	Slide	
NEW GUINEA (NE): East Sepik District: Maprik I.1960 T. C. Maa		
Ex <i>Echymipera rufescens</i> +, TMP 1673 (presently #193285 in AMNH) (M)		
<b>barbarae</b> Strandtmann & Mitchell, <i>Laelaps (Echinolaelaps)</i>	HOLOTYPE ♀	3457
1963 <i>Pacif. Ins.</i> 5(3): 558–60 Fig. 6	Slide	
NEW GUINEA (NE): Western Highlands District: Waghi: Nondugl IX.1959 T. C. Maa		
Ex small rodent, TMP 711 or TMP 712. (M) Possibly <i>Pogonomys</i> sp. or <i>Pogonomelomys</i> sp.; given in original publication as <i>Pogonomys</i> .		
<b>campbellensis</b> Hunter, <i>Leptolaelaps reticulatus</i>	ALLOTYPE ♂	9466
1964 <i>Pacif. Ins. Monogr.</i> 7: 126–28 Fig. 3	Slide	
SUBANTARCTIC IS: Campbell I: Beeman Camp 250 m XII.1961 J. L. Gressitt		
From moss		
Holotype ♀ deposited in National Museum of New Zealand (Dominion Museum).		
<b>claggi</b> Hunter, <i>Stevacarus</i>	HOLOTYPE ♀	8829
1970 <i>Pacif. Ins. Monogr.</i> 23: 52–54 Fig. 3B–J, 4A–D	Slide	
SUBANTARCTIC IS: South Georgia I: Bird I: Wanderer Valley I.1963 H. B. Clagg		
Berlese material		
<b>diprobolus</b> Allred, <i>Laelaps</i>	HOLOTYPE ♀	8527
1969 <i>J. Med. Ent.</i> 6(4): 340 Fig. 1–7	Slide	
NEW GUINEA (NW): Vogelkop: Anggi Giji 1951 m III.1963 L. P. Richards		
Ex <i>Microperoryctes</i> sp., BBM-NG 22457 (M)		
<b>domrowi</b> Mitchell & Strandtmann, <i>Trichosurolaelaps</i>	HOLOTYPE ♀	3548
1964 <i>J. Med. Ent.</i> 1(2): 121–24 Fig. 1–4	Slide	
NEW GUINEA (NE): Morobe District: Wau Creek III.1963 H. Clissold		
Ex <i>Peroryctes longicauda</i> +, BBM-NG 27572 (M)		
<b>expansa</b> Tenorio & Radovsky, <i>Mesolaelaps</i>	HOLOTYPE ♀	10,110
1974 <i>J. Med. Ent.</i> 11(2): 215–19 Fig. 12–16	Slide	
NEW GUINEA (NE): Upper slopes of Mt Wilhelm: Pengal River VII.1959 H. M. Van Deusen		
Ex <i>Peroryctes longicauda</i> + (M)		
<b>gressitti</b> Hunter, <i>Ayersacarus</i>	ALLOTYPE ♂	9469
1964 <i>Pacif. Ins. Monogr.</i> 7: 124–26 Fig. 2	Slide	
SUBANTARCTIC IS: Campbell I: S of Courrejolles Peninsula 220 m II.1963		
K. A. J. Wise		
Ex <i>Puffinus griseus</i> burrow (berlese) (A)		
Holotype ♀ deposited in National Museum of New Zealand (Dominion Museum).		

<b>hatsukoae Strandtmann, Hirstionyssus</b>	HOLOTYPE ♀	7509
1967 <i>Pacif. Ins.</i> 9(4): 687–91 Fig. 1–9	Slide	
TAIWAN: T'ai-Pei Hsien: Wu-Lai X.1960 R. E. Kuntz		
Ex <i>Helictis moschata subaurantiaca</i> , RML 45012 (M)		
ALLOTYPE ♂ 7509a		
<b>hawaiensis Ewing, Laelaps</b>	COTYPES 5 ♀, 1 ♂	1361
1924 <i>B. P. Bishop Mus. Bull.</i> 14: 8 Fig. 7	Slide	
HAWAIIAN IS: Oahu I: Popoia Islet		
Ex <i>Rattus exulans</i> (= <i>Rattus hawaiensis</i> ) (M)		
<b>indentatus Allred, Laelaps</b>	HOLOTYPE ♀	8258
1969 <i>J. Med. Ent.</i> 6(4): 340–42 Fig. 8–14	Slide	
NEW GUINEA (NW): Wissel Lakes: Enarotali [Enarotadi] 1818 m VII.1962		
N. Wilson & H. Clissold		
Ex "marsupial mouse," BBM-NG 21474 (M)		
<b>juxtaposita Tenorio &amp; Radovsky, Laelaps (Mastigolaelaps)</b>	HOLOTYPE ♀	10,000
1973 <i>J. Med. Ent.</i> 10(4): 385–88 Fig. 1–5	Slide	
INDONESIA: Djawa (W): Tjibodas V.1971		
Ex <i>Rattus bartelsi bartelsi</i> , NAMRU #1691 (M)		
<b>minutus Allred, Laelaps</b>	HOLOTYPE ♀	8259
1959 <i>J. Med. Ent.</i> 6(4): 342–46 Fig. 15–31	Slide	
NEW GUINEA (NE): Western Highlands District: Waghi: Nondugl IX.1959 T. C. Maa		
Ex unidentified marsupial, TMP 739. (M) Possibly <i>Dactylonax palpator</i> or <i>Dactylopsila trivirgata</i> ; given in original description as "a long-fingered marsupial."		
<b>palpispinosus Strandtmann &amp; Garrett, Neolaelaps</b>	HOLOTYPE ♀	7065
1967 <i>J. Med. Ent.</i> 4(2): 237–39 Fig. 1a–f	Slide	
NEW GUINEA (NE): Morobe District: Wau Subdistrict: Bulldog Road V.1962		
H. Clissold		
Ex <i>Nyctimene</i> sp., H.C. 218 (M)		
ALLOTYPE ♂ 7065a		
<b>pectinophorus Wilson &amp; Strandtmann, Mesolaelaps</b>	HOLOTYPE ♀	3540
1963 <i>Pacif. Ins.</i> 5(1): 282–85 Fig. 3, 4	Slide	
NEW GUINEA (NW): Star Mts: Sibil Valley 1245 m X–XI.1961 S. & L. Quate		
Ex <i>Peroryctes raffrayanus raffrayanus</i> , BBM-NG 227 (M)		
<b>peritremus Allred, Laelaps</b>	HOLOTYPE ♀	8260
1969 <i>J. Med. Ent.</i> 6(4): 346–47 Fig. 32–38	Slide	
NEW GUINEA (NE): Eastern Highlands District: Kassem Pass XI.1959 H. M. Van Deusen		
& T. C. Maa		
Ex <i>Dactylopsila trivirgata</i> , TMP 1173 (A.E. 17017) (M)		
<b>quatei Wilson &amp; Strandtmann, Laelaps</b>	HOLOTYPE ♀	3541
1963 <i>Pacif. Ins.</i> 5(1): 285–86 Fig. 5, 6	Slide	
NEW GUINEA (NW): Star Mts: Sibil Valley 1245 m X–XI.1961 S. & L. Quate		
Ex <i>Peroryctes raffrayanus raffrayanus</i> , BBM-NG 227 (M)		
<b>sedlaceki Strandtmann &amp; Mitchell, Laelaps (Echinolaelaps)</b>	HOLOTYPE ♀	3456
1963 <i>Pacif. Ins.</i> 5(3): 550–53 Fig. 2	Slide	
NEW GUINEA (NE): Morobe District: Wau 1200 m III.1962 J. H. Sedlacek		
Ex <i>Rattus ruber</i> , S-246 (presently in AMNH) (M)		
<b>septoria Tenorio &amp; Radovsky, Trichosurolaelaps</b>	HOLOTYPE ♀	9804
1973 <i>J. Med. Ent.</i> 10(2): 152–56 Fig. 16–27	Slide	
NEW GUINEA (NE): Tambil: N of Mt Giluwe 2200 m V.1963 J. H. Sedlacek		
Ex <i>Phalanger vestitus</i> +, BBM-NG 20254 (M)		
ALLOTYPE ♂		

<b>sinofiensis</b> Allred, <i>Laelaps</i>	HOLOTYPE ♀	8261
1969 <i>J. Med. Ent.</i> 6(4): 347–56 Fig. 39–64	Slide	
NEW GUINEA (NE): Sinofi: 30 km S of Kainantu 1590 m X.1959 T. C. Maa		
Ex small rodent, TMP 820 or TMP 832. (M) Possibly <i>Pogonomys</i> or <i>Pogonomelomys</i> ; given as <i>Pogonomys</i> in original description.		
ALLOTYPE ♂ 8621		
<b>sinuatus</b> Strandtmann & Mitchell, <i>Laelaps (Echinolaelaps)</i>	HOLOTYPE ♀	3459
1963 <i>Pacif. Ins.</i> 5(3): 570–71 Fig. 12	Slide	
NEW GUINEA (NW): Japen I: 8 km SE of Sumberbaba: Dawai River 15 m X.1962		
N. Wilson		
Ex <i>Melomys levipes</i> , BBM-NG 22050 (M)		
<b>strandtmanni</b> Tenorio & Radovsky, <i>Trichosurolaelaps</i>	HOLOTYPE ♀	9803
1973 <i>J. Med. Ent.</i> 10(2): 148–52 Fig. 1–15	Slide	
NEW GUINEA (NE): Morobe District: Wau Creek IV.1963 H. Clissold		
Ex <i>Phalanger gymnotis</i> +, BBM-NG 27589 (presently in Papua New Guinea Museum) (M)		
ALLOTYPE ♂		
<b>triangulus</b> Allred, <i>Laelaps</i>	HOLOTYPE ♀	8262
1969 <i>J. Med. Ent.</i> 6(4): 356–58 Fig. 65–72	Slide	
NEW GUINEA (NW): Japen I: 8 km SE of Sumberbaba: Dawai River 15 m XI.1962		
N. Wilson		
Ex "marsupial mouse," BBM-NG 22109 (M)		
<b>whartoni</b> Mitchell & Strandtmann, <i>Trichosurolaelaps</i>	HOLOTYPE ♀	3549
1964 <i>J. Med. Ent.</i> 1(2): 124–25 Fig. 5–8	Slide	
NEW GUINEA (NE): Eastern Highlands District: Kassem Pass XI.1959 H. M. Van Deusen & T. C. Maa		
Ex <i>Peroryctes raffrayanus</i> , TMP 1197 (A.E. 7041) (M)		
<b>wilsoni</b> Strandtmann & Mitchell, <i>Laelaps (Echinolaelaps)</i>	HOLOTYPE ♀	3460
1963 <i>Pacif. Ins.</i> 5(3): 572–75 Fig. 13	Slide	
NEW GUINEA (NW): Japen I: 8 km SE of Sumberbaba: Dawai River 15 m X.1962		
N. Wilson		
Ex <i>Melomys levipes</i> , BBM-NG 22004 (M)		

## MACROCHELIDAE

<b>gressitti</b> Krantz, <i>Glyptolaspis</i>	HOLOTYPE ♀	6899
1967 <i>Ins. Micronesia</i> 3(5): 151 Fig. 1a–c	Slide	
NEW GUINEA (NW): Schouten Is: Biak I: Kampong Landbouw 50–100 m V.1959		
J. L. Gressitt From berlesed leaf mold		

## MACRONYSSIDAE

<b>heteromorphus</b> Dusbábek & Radovsky, <i>Macronyssus</i>	HOLOTYPE ♀	9795
1972 <i>J. Med. Ent.</i> 9(6): 575–79 Fig. 1–15	Slide	
U.S.S.R.: Kuril Is: Shikotan I VII.1965 G. I. Shcherbák		
Ex <i>Rattus norvegicus</i> (M)		
ALLOTYPE ♂ 9795		

## PARAMEGISTIDAE

<b>brachymeleus</b> Voss, <i>Ophiomegistus</i>	HOLOTYPE ♀	6863
1966 <i>J. Med. Ent.</i> 3(3-4): 264 Fig. 10-16	Slide	
PHILIPPINES: Negros I: Lake Balanan D. S. Rabor		
Ex <i>Brachymeles schadenbergi talinis</i> , 6542 & A354. (R) Mites removed from preserved host by N. Wilson on 8.VIII.1964; no date given for host collection.		
<b>mabuya</b> Voss, <i>Ophiomegistus</i>	HOLOTYPE ♀	6864
1966 <i>J. Med. Ent.</i> 3(3-4): 264-67 Fig. 17-24	Slide	
PHILIPPINES: Busuanga I: 6 km NE of San Nicholas V.1962 M. C. Thompson		
Ex <i>Mabuya multifasciata</i> , MCT 2469 (R)		

## PARANTENNULIDAE

<b>gressitti</b> Hunter, <i>Davacarus</i>	HOLOTYPE ♀	8828
1970 <i>Pacif. Ins. Monogr.</i> 23: 47-51 Fig. 2A-I, 3A	Slide	
SUBANTARCTIC IS: South Georgia I: Bird I: Cave Crag IV.1963 H. B. Clagg		
From nest of <i>Diomedea melanophris</i> (A)		

## PHYTOSEIIDAE

<b>coniferus</b> Prasad, <i>Amblyseius</i>	HOLOTYPE ♀	8220
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1520 Fig. 7	Slide	
HAWAIIAN IS: Maui I: Lower Kula VI.1966 V. Prasad		
From conifer leaf		
<b>eucalypterus</b> Prasad, <i>Amblyseius</i>	HOLOTYPE ♀	8218
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1518-19 Fig. 5	Slide	
HAWAIIAN IS: Maui I: Haleakala Road VI.1966 V. Prasad		
From <i>Eucalyptus</i> leaf		
<b>haleakalus</b> Prasad, <i>Amblyseius</i>	HOLOTYPE ♀	8215
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1516 Fig. 2	Slide	
HAWAIIAN IS: Hawaii I: Hawaii Volcanoes National Park VI.1966 F. H. Haramoto		
From conifer leaves		
<b>haramotoi</b> Prasad, <i>Amblyseius</i>	HOLOTYPE ♀	8216
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1517 Fig. 3	Slide	
HAWAIIAN IS: Oahu I: Aiea Top V.1966 V. Prasad		
From <i>Aleurites</i> leaf		
<b>haramotoi</b> Prasad, <i>Typhlodromus</i>	HOLOTYPE ♀	8211
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1370-71 Fig. 5-8	Slide	
HAWAIIAN IS: Oahu I: Waimanalo Experimental Farm III.1966 V. Prasad		
From mango leaf		
<b>hawaiensis</b> Prasad, <i>Phytoseius</i>	HOLOTYPE ♀	8213
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1460-61 Fig. 7-11	Slide	
HAWAIIAN IS: Oahu I: Manoa Valley V.1965 V. Prasad		
From poinsettia leaf		
<b>mauiensis</b> Prasad, <i>Amblyseius</i>	HOLOTYPE ♀	8219
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1519-20 Fig. 6	Slide	
HAWAIIAN IS: Maui I: Upper Kula church VI.1966 V. Prasad & F. H. Haramoto		
From bamboo leaf		

<b>mumai Prasad, Iphiseius</b>	HOLOTYPE ♀	8212
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1459–60 Fig. 1–6	Slide	
HAWAIIAN IS: Hawaii I: Saddle Road: 32 km W of Hilo VI.1966 J. K. Fujii		
From leaf litter in fern and koa forest		
<b>neobakeri Prasad, Typhlodromus</b>	HOLOTYPE ♀	8210
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1369–70 Fig. 1–4	Slide	
HAWAIIAN IS: Oahu I: Waimanalo Experimental Farm III.1966 V. Prasad		
From grass		
<b>oahuensis Prasad, Amblyseius</b>	HOLOTYPE ♀	8217
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1518 Fig. 4	Slide	
HAWAIIAN IS: Oahu I: Manoa Valley V.1965 V. Prasad		
From bean leaf		
<b>treati Prasad, Noctuiseius</b>	HOLOTYPE ♀	7112
1968 <i>Ann. Ent. Soc. Amer.</i> 61(2): 411–13 Fig. 1–8	Slide	
HAWAIIAN IS: Oahu I: Manoa Valley IV.1966 V. Prasad		
Ex <i>Achaea janata</i> (I)		
<b>volcanus Prasad, Amblyseius</b>	HOLOTYPE ♀	8214
1968 <i>Ann. Ent. Soc. Amer.</i> 61(6): 1515 Fig. 1	Slide	
HAWAIIAN IS: Hawaii I: Volcanoes National Park IV.1966 F. X. Haramoto		
From leaf litter. The slide label gives the specific habitat as <i>Cibotium</i> and <i>Metrosideros</i> leaf		
litter; this differs from the original publication which lists it as fern and mountain apple		
( <i>Eugenia</i> sp.) litter.		

## RHINONYSSIDAE

<b>alisteri Wilson, Mesonyssus</b>	HOLOTYPE ♀	3634
1964 <i>Pacif. Ins.</i> 6(2): 370–72 Fig. 5	Slide	
NEW GUINEA (NE): Morobe District: Wau: Bulolo River 915 m VI.1963		
P. J. Shanahan		
Ex "King parrot," BBM-NG 28416. (A) Host not saved; probably <i>Alisterus chloropterus</i> .		
<b>amaurornis Wilson, Rallinyssus</b>	HOLOTYPE ♀	6111
1965 <i>Pacif. Ins.</i> 7(4): 624–27 Fig. 1	Slide	
TAIWAN: Nan-T'ou Hsien: Pu-Li XII.1963 T. C. Maa		
Ex <i>Amauornis phoenicurus</i> +, TMT 195 (presently BBM-TA 45084) (A)		
<b>angustus Wilson, Mesonyssus</b>	HOLOTYPE ♀	6938
1966 <i>Pacif. Ins.</i> 8(3): 607 No Fig.	Slide	
NEW GUINEA (NE): Morobe District: Wau: Bulolo River 1200 m VI.1963		
P. J. Shanahan		
Ex <i>Gallicolumba beccari*</i> , BBM-NG 28465 (A)		
<b>balimoensis Sakakibara, Ptilonyssus</b>	HOLOTYPE ♀	7521
1968 <i>J. Med. Ent.</i> 5(1): 17–20 Fig. 4	Slide	
NEW GUINEA (SE): Western District: Balimo 9 m III.1964 H. Clissold		
Ex <i>Melilestes megarhynchus*</i> , BBM-NG 50216 (A)		
<b>buloloensis Sakakibara, Ptilonyssus</b>	HOLOTYPE ♀	7492
1968 <i>Acarologia</i> 10(3): 426–28 Fig. 1–7	Slide	
NEW GUINEA (NE): Morobe District: Wau: Bulolo River P. J. Shanahan		
Ex nasal passages of <i>Phonygammus keraudreni*</i> , BBM-NG 27845 (A)		
<b>cavannus Wilson, Rhinocecius</b>	HOLOTYPE ♀	7616
1968 <i>Proc. Ent. Soc. Wash.</i> 70(2): 143–46 Fig. 1	Slide	
THAILAND: Chiang Mai Province: Doi Inthanon XI.1964 J. T. Marshall		
Ex <i>Otus bakkamoena</i> , MAPS H 0907 (A)		

<b>chalcopsittae Wilson, Mesonyssus</b>	HOLOTYPE ♂	7456
1968 <i>J. Parasitol.</i> 54(2): 395–97 Fig. 1–9 NEW GUINEA (SE): Western District: Oriomo River 6 m II.1964 H. Clissold Ex <i>Chalcopsitta scintillata</i> +, BBM-NG 29415 (A)	Slide	Slide
<b>cychramus Wilson, Rallinyssus</b>	HOLOTYPE ♀	6112
1965 <i>Pacif. Ins.</i> 7(4): 627–31 Fig. 2, 3 NEW GUINEA (NE): Western Highlands District: Tambul 2300 m H. Clissold Ex <i>Porzana tabuensis</i> *, BBM-NG 27986 (not 7986 as originally published) (A)	Slide	Slide
<b>dendrocitti Sakakibara &amp; Strandtmann, Paraneonyssus</b>	HOLOTYPE ♀	3605
1968 <i>Pacif. Ins.</i> 10(1): 43–45 Fig. 1 TAIWAN: Nan-T'ou Hsien: Pu-Li XI-XII.1963; I.1964 T. C. Maa Ex nasal passages of <i>Cryptirina occipitalis</i> , TMT 557–TMT 564. (A) Host specimen not in Bishop Museum and may not have been saved by collectors. Given in original description as " <i>Dendrocitta occipitalis formosae</i> "; currently used generic name is <i>Cryptirina</i> .	Slide	Slide
<b>domicellae Wilson, Mesonyssus</b>	HOLOTYPE ♀	3636
1964 <i>Pacif. Ins.</i> 6(2): 375–78 Fig. 7 NEW GUINEA (NE): West Sepik District: May River Patrol Station 120 m VI.1963 P. Temple Ex <i>Domicella lory</i> +, BBM-NG 22634 (A)	Slide	Slide
<b>echongi Sakakibara, Ruandanyssus terpsiphonei</b>	HOLOTYPE ♀	7520
1968 <i>J. Med. Ent.</i> 5(1): 15–17 Fig. 2 NEW GUINEA (NW): Wessel Lakes: Enarotali [Enarotadi] VII.1962 N. Wilson Ex <i>Pachycephala soror</i> *, BBM-NG 21312 (presently #43576 in University of Kansas Museum of Natural History). (A) Collector listed on type host specimen label as H. Clissold.	Slide	Slide
<b>epileus Wilson, Mesonyssus</b>	HOLOTYPE ♀	3630
1964 <i>Pacif. Ins.</i> 6(2): 358–61 Fig. 1 NEW GUINEA (NE): Morobe District: Finschhafen 15 m IV.1963 H. Clissold Ex <i>Aviceda subcristata</i> *, BBM-NG 27661 (A)	Slide	Slide
<b>gourae Wilson, Mesonyssus</b>	HOLOTYPE ♀	3631
1964 <i>Pacif. Ins.</i> 6(2): 361–63 Fig. 2 NEW GUINEA (NW): Boemi River 5 m IX.1962 L. P. Richards & N. Wilson Ex <i>Goura</i> sp., BBM-NG 21725. Host not saved by collector for museum identification; either <i>Goura cristata</i> or <i>Goura victoria</i> ; given as <i>G. cristata</i> in original publication. (A)	Slide	Slide
<b>hirtus Wilson, Mesonyssus</b>	HOLOTYPE ♀	6925
1966 <i>J. Parasitol.</i> 52(6): 1210–11 Fig. 1–8 PHILIPPINES: Negros I: Negros Oriental: Kandugay: 10 km N of Siaton 300 m VII.1964 N. Wilson Ex <i>Chalcophaps indica</i> +, BBM-PI 6104. (A) Host given as <i>Chalcophaps indica indica</i> in original description.	Slide	Slide
<b>macropygiae Wilson, Mesonyssus</b>	HOLOTYPE ♀	6943
1966 <i>Pacif. Ins.</i> 8(3): 607–08 No fig. NEW GUINEA (NW): Geelvink Bay: Oransbari 3 m I.1963 L. P. Richards & M.C. Thompson Ex <i>Macropygia amboinensis</i> +, BBM-NG 22357 (A)	Slide	Slide
<b>megaluri Sakakibara, Passeronyssus</b>	HOLOTYPE ♀	7620
1968 <i>J. Med. Ent.</i> 5(3): 305–09 Fig. 54–62 NEW GUINEA (NE): West Sepik District: Telefomin ± 1500 m VIII.1963 P. Temple Ex probably <i>Megalurus timoriensis</i> , BBM-NG 22850. (A) Host not saved.	Slide	Slide
<b>missimensis Sakakibara, Ptilonyssus</b>	HOLOTYPE ♀	7491
1968 <i>Acarologia</i> 10(3): 429–31 Fig. 8–13 NEW GUINEA (NE): Morobe District: Wau Subdistrict: Mt Missim I.1963 H. Clissold Ex nasal passages of "Honey eater," BBM-NG 21170. (A) Host not saved.	Slide	Slide

<b>neopsittaci</b> Wilson, <i>Mesonyssus</i>	HOLOTYPE ♀	3635
1964 <i>Pacif. Ins.</i> 6(2): 372–75 Fig. 6	Slide	
NEW GUINEA (NW): Wessel Lakes: Enarotali [Enarotadi] 1900 m VII.1962 N. Wilson		
Ex <i>Neopsittacus</i> sp., BBM-NG 21413. (A) Host not saved; probably <i>Neopsittacus pullicauda</i> or <i>Neopsittacus musschenbroekii</i> ; given as <i>N. pullicauda</i> in original description.		
<b>paradiseus</b> Sakakibara, <i>Ptilonyssoides</i>	HOLOTYPE ♀	7618
1968 <i>J. Med. Ent.</i> 5(3): 298–302 Fig. 9–16	Slide	
NEW GUINEA (NE): Morobe District: Wau: Nakata Ridge 1515 m VII.1963 H. Clissold		
Ex <i>Paradisea rudolphi</i> *, BBM-NG 22638 (presently in Papua New Guinea Museum) (A)		
<b>peleiae</b> Wilson, <i>Mesonyssus</i>	HOLOTYPE ♀	6944
1966 <i>Pacif. Ins.</i> 8(3): 609	Slide	
PHILIPPINES: Leyte I: Santa Cruz: Mahaplag VII.1964 N. Wilson		
Ex <i>Phapitreron leucotis brevirostris</i> , BBM-PI 2385. (A) Although bearing a BBM#, host specimen not in Bishop Museum.		
<b>pericrocoti</b> Sakakibara, <i>Paraneonyssus</i>	HOLOTYPE ♀	7517
1967 <i>Pacif. Ins.</i> 9(4): 597–99 Fig. A–E	Slide	
TAIWAN: Kao-Hsiung Hsien: Liu-Kuei T. C. Maa		
Ex nasal passages of <i>Pericrocotus divaricatus</i> *, TMT 2064 (presently BBM-TA 45396). (A) This species was previously considered a subspecies of <i>P. roseus</i> and was listed as such in original description. The type host is apparently now correctly known as <i>P. divaricatus</i> . Host specimen without collection data; locality data probably same as noted in type description. Judging by number-data associations of other specimens, the date of collection is probably March–April 1964.		
<b>phassae</b> Wilson, <i>Mesonyssus</i>	HOLOTYPE ♀	6937
1966 <i>Pacif. Ins.</i> 8(3): 602–05 Fig. 1, 2	Slide	
TAIWAN: Kao-Hsiung Hsien: Liu-Kuei III–IV.1964 T. C. Maa		
Ex <i>Treron sieboldi</i> +, TMT 1604 (presently BBM-TA 45316). (A) Host given as <i>Sphenurus sieboldii sororius</i> ; currently used name is <i>Treron sieboldi</i> .		
<b>porzanae</b> Wilson, <i>Rallinyssus</i>	HOLOTYPE ♀	6900
1967 <i>Philip. J. Sci.</i> 95(2): 215–20 Fig. 1, 2	Slide	
PHILIPPINES: Luzon I: Nueva Vizcaya: Dalton Pass 1070 m II.1965 G. Alcasid		
Ex <i>Porzana tabuensis filipina</i> , MAPS 508509 (A)		
<b>prionituri</b> Wilson, <i>Mesonyssus</i>	HOLOTYPE ♀	6935
1966 <i>Pacif. Ins.</i> 8(3): 763–66 Fig. 4, 5	Slide	
PHILIPPINES: Leyte I: Paninikan: Mt Kabalantian: Mahaplag 275 m VI.1964 N. Wilson		
Ex <i>Prioniturus discurus whiteheadi</i> , BBM-PI 2582. (A) Although bearing a BBM#, host specimen not in Bishop Museum.		
<b>pseudotrouessarti</b> Sakakibara, <i>Ptilonyssus trouessarti</i>	HOLOTYPE ♀	7619
1968 <i>J. Med.-Ent.</i> 5(3): 305 Fig. 32–43	Slide	
NEW GUINEA (NE): Morobe District: Wau: Bulolo River 880 m VIII.1963 P. J. Shanahan		
Ex <i>Oriolus szalayi</i> *, BBM-NG 28982 (A)		
<b>ptilinopi</b> Wilson, <i>Mesonyssus</i>	HOLOTYPE ♀	3633
1964 <i>Pacif. Ins.</i> 6(2): 366–68 Fig. 4	Slide	
NEW GUINEA (SE): Northern District: Cape Killerton 5 m X.1963 H. Clissold		
Ex <i>Ptilinopus coronulatus</i> *, BBM-NG 29273 (A)		
<b>rallinae</b> Wilson, <i>Rallinyssus</i>	HOLOTYPE ♀	6901
1967 <i>Philip. J. Sci.</i> 95(2): 220–24 Fig. 3, 4	Slide	
PHILIPPINES: Luzon I: Nueva Vizcaya: Dalton Pass 1070 m VI.1965 G. Alcasid		
Ex <i>Rallina erizonoides erizonoides</i> , MAPS 518030 (A)		
<b>rallus</b> Wilson, <i>Rallinyssus</i>	HOLOTYPE ♀	6113
1965 <i>Pacif. Ins.</i> 7(4): 631–34 Fig. 4, 5	Slide	
NEW GUINEA (NE): Morobe District: Wau 1100 m VIII.1963 P. J. Shanahan		
Ex <i>Rallus pectoralis</i> +, BBM-NG 28977 (A)		

<b>strandtmanni Sakakibara, Ruandanyssus</b>	HOLOTYPE ♀	7519
1968 <i>J. Med. Ent.</i> 5(1): 13–15 Fig. 1	Slide	
NEW GUINEA (NW): Wissel Lakes: Enarotali [Enarotadi] VII.1962 H. Clissold		
Ex <i>Climacteris placens</i> *, BBM-NG 21463 (A) (presently #799755 in AMNH).		
ALLOTYPE 7519a		
<b>tansypterae Wilson, Mesonyssus</b>	HOLOTYPE ♀	6936
1966 <i>Pacif. Ins.</i> 8(3): 605–07 Fig. 3	Slide	
NEW GUINEA (NW): Geelvink Bay: Oransbari 3 m II.1963 L. P. Richards &		
M. C. Thompson		
Ex <i>Tanysiptera galatea</i> +, BBM-NG 22409 (A)		
<b>tetae Wilson, Mesonyssus</b>	HOLOTYPE ♀	3632
1964 <i>Pacif. Ins.</i> 6(2): 363–65 Fig. 3	Slide	
NEW GUINEA (NW): Wissel Lakes: Enarotali [Enarotadi] 1900 m VIII.1962 N. Wilson		
Ex <i>Ptilinopus rivoli</i> *, BBM-NG 21523 (A)		
<b>wilsoni Sakakibara, Ptilonyssus</b>	HOLOTYPE ♀	7518
1967 <i>Pacif. Ins.</i> 9(4): 599–601 Fig. F–J, L, M	Slide	
NEW GUINEA (NW): Wissel Lakes: Enarotali VII.1962 H. Clissold		
Ex nasal passages of <i>Colloocalia esculenta</i> *, BBM-NG 21397 (presently probably #487300 in USNM). (A)		

## RHODACARIDAE

<b>gressitti Hunter, Gamasellus</b>	HOLOTYPE ♀	8832
1970 <i>Pacif. Ins. Monogr.</i> 23: 63–65 Fig. 8A–M	Slide	

SUBANTARCTIC IS: South Georgia I: Bird I: Fresh Water Bay IV.1963 H. B. Clagg  
From nest of *Pachyptila desolata* (A)

## SPINTURNICIDAE

<b>chiengmai Prasad, Spinturnix</b>	HOLOTYPE ♀	7524
1969 <i>Acarologia</i> 11(4): 661 Fig. 8–12	Slide	
THAILAND: Chiang Mai Province: Huai Mae: Sunam Hod V. Prasad		
Ex bat, SMRL 1687 (M)		
<b>dusbabekii Baker &amp; Delfinado, Meristaspis</b>	HOLOTYPE ♀	3656
1964 <i>Pacif. Ins.</i> 6(4): 583 Fig. 27–32	Slide	
NEW GUINEA (NE): Morobe District: Wau: Mt Missim I.1963 H. Clissold		
Ex bat, BBM-NG 21046. (M) Host not saved; probably <i>Syconycteris crassa</i> , but possibly <i>Macroglossus lagochilus</i> ; given as <i>Syconycteris</i> sp. in original description.		
<b>gressitti Baker &amp; Delfinado, Periglischrodes</b>	HOLOTYPE ♀	3658
1964 <i>Pacif. Ins.</i> 6(4): 589–91 Fig. 50–53	Slide	
NEW GUINEA (NE): Morobe District: Bulolo 700 m II.1962 H. Clissold		
On unknown host		
<b>hardyi Prasad, Meristaspis</b>	HOLOTYPE ♀	9198
1969 <i>Proc. Ent. Soc. Wash.</i> 71(4): 535–39 Fig. 3	Slide	
SOLOMON IS: Guadalcanal: Nini Creek: Roroni ± 20 m V.1964 P. Temple		
Ex <i>Nyctimene major</i> +, BBM-BSIP 23839. (M) Type host with collector given as P. J. Shanahan.		
<b>hipposideros Baker &amp; Delfinado, Paraperiglischrus</b>	HOLOTYPE ♀	3657
1964 <i>Pacif. Ins.</i> 6(4): 589 Fig. 48, 49	Slide	
BISMARCK ARCHIPELAGO: New Britain (E): Keravat 180 m XI.1959 T. C. Maa		
Ex <i>Hipposideros</i> sp., a specimen in series TMP 1248–TMP 1263, etc. [sic] (M)		

<b>mindanaoensis</b> Delfinado & Baker, <i>Meristaspis</i>	HOLOTYPE ♀	3552
1963 <i>Pacif. Ins.</i> 5(4): 910–11 Fig. 16–23, 53, 54		Slide
PHILIPPINES: Mindanao I: Mt Malindang: Masawan: Mutya 1666 m XII.1961		
D. S. Rabor & R. B. Gonzales		
Ex <i>Prioniturus malindangensis</i> , BBM 125. (M) Host specimen not located in Bishop Museum.		
<b>nakatae</b> Prasad, <i>Ancystropus</i>	HOLOTYPE ♀	9197
1969 <i>Proc. Ent. Soc. Wash.</i> 71(4): 535 Fig. 1, 2		Slide
PHILIPPINES: Negros I: Negros Oriental: Camp lookout: Valencia VIII.1964		
D. S. Rabor		
Ex <i>Eonycteris spelaea glandifera</i> , M-5343 (M)		
<b>palawanensis</b> Delfinado & Baker, <i>Ancystropus</i>	HOLOTYPE ♀	3553
1963 <i>Pacif. Ins.</i> 5(4): 915–17 Fig. 37–43		Slide
PHILIPPINES: Palawan Is: Busuanga I: 6 km NE of San Nicolas V.1962 M. C. Thompson		
Ex <i>Cynopterus brachyotis</i> , B 2482 (M)		
<b>paracuminatus</b> Baker & Delfinado, <i>Spinturnix</i>	HOLOTYPE ♀	3654
1964 <i>Pacif. Ins.</i> 6(4): 574–77 Fig. 12–16		Slide
NEW GUINEA (NE): East Sepik District: Suanimbu: 20 km E of Maprik 180 m I.1960		
T. C. Maa		
Ex probably <i>Pipistrellus papuanus</i> *, a specimen in series TMP 1676–TMP 1780. (M)		
Specimen TMP 1676 not received by American Museum of Natural History. Of the remaining series of 104 specimens from TMP 1677 to TMP 1780, only 95 are deposited in AMNH; all of these are <i>Pipistrellus papuanus</i> , not <i>Miniopterus</i> as in the original description (H. M. Van Deusen, pers. commun., 1972).		
<b>philippinensis</b> Prasad, <i>Meristaspis jordani</i>	HOLOTYPE ♀	9199
1969 <i>Proc. Ent. Soc. Wash.</i> 71(4): 539–40 Fig. 4, 5		Slide
PHILIPPINES: Negros I: Negros Oriental: Malindog: San Anotonio: Sibulan IX.1964		
D. S. Rabor		
Ex <i>Harpyionycteris whiteheadi</i> , M-6328 (M)		
<b>rudnicki</b> Baker & Delfinado, <i>Ancystropus</i>	HOLOTYPE ♀	3655
1964 <i>Pacif. Ins.</i> 6(4): 577–79 Fig. 17–22		Slide
NEW GUINEA (NE): Morobe District: Wau: Sandy Creek 909 m IX.1962 H. Clissold		
Ex <i>Rousettus amplexicaudatus</i> *, BBM-NG 20613. (M) Host number and collection data given in original publication as, "on bat, New Guinea, Sum-Sum, 7.II.1963, BBM-NG 21185, H. Clissold." This does not conform with collection data and number on holotype slide which matches that on host BBM-NG 20613.		
<b>verutus</b> Delfinado & Baker, <i>Spinturnix</i>	HOLOTYPE ♀	3551
1963 <i>Pacif. Ins.</i> 5(4): 906–08 Fig. 1–7		Slide
PHILIPPINES: Negros Oriental: Bayawan: Basay XII.1959 L. W. Quate		
Ex bats (M)		
<b>wilsoni</b> Prasad, <i>Spinturnix</i>	HOLOTYPE ♀	9200
1969 <i>Proc. Ent. Soc. Wash.</i> 71(4): 573–77 Fig. 1–15		Slide
NEW GUINEA (SE): Papua: Putei: Limestone Cave V.1966 J. McKean		
Ex wing of <i>Myotis adversus</i> (M)		
Collection date in publication is <i>March</i> , on type label, <i>May</i> .		

## UROPODIDAE

<b>gressitti</b> Hirschmann & Zirngiebl-Nicol, <i>Uroobovella</i>	HOLOTYPE	10,002
1972 <i>Acarologie</i> 18: 111–12 Fig. 86		Slide
SUBANTARCTIC IS: South Georgia I: Maiviker I.1961 N. V. Jones		
From mosses on moss dryer		
Holotype on slide with 12 other specimens, including the holotype of <i>Uropoda gressitti</i> . No indication of which are types.		

<b>gressitti</b> Hirschmann, <i>Uropoda (Phaulodinychus)</i>	HOLOTYPE	10,001
1972 <i>Acarologie</i> 18: 89–90 Fig. 78		Slide
SUBANTARCTIC IS: South Georgia I: Maiviker I.1961 N. V. Jones		
From mosses on moss dryer		

Holotype on slide with 12 other specimens, including holotype of *Uroobovella gressitti*. No indication of which are types.

### VEIGAIAIDAE

<b>arenosus</b> Hunter, <i>Gamasolaelaps</i>	HOLOTYPE ♀	8834
1970 <i>Pacif. Ins. Monogr.</i> 23: 67–69 Fig. 10A–K		Slide
SUBANTARCTIC IS: South Georgia I: Fortuna Bay XI.1963 H. B. Clagg		
From tussock grass in rookery of <i>Pygoscelis papua</i> (A)		
<b>claggi</b> Hunter, <i>Veigaiia</i>	HOLOTYPE ♀	8833
1970 <i>Pacif. Ins. Monogr.</i> 23: 65–67 Fig. 9A–L		Slide
SUBANTARCTIC IS: South Georgia I: Bird I: Wanderer Ridge IV.1963 H. B. Clagg		
From nest of <i>Procellaria aequinoctialis</i> (A)		

### ZERCONIDAE

<b>japonicus</b> Aoki, <i>Zercon badensis</i>	HOLOTYPE ♀	3653
1964 <i>Pacif. Ins.</i> 6(3): 491 Fig. 2		Slide
JAPAN: Kanagawa-Prefecture: Shichizawa-Onsen II.1963 J. Aoki		
From decaying leaves and sphagnum near a spring (von faulem Laub und Sphagnum neben Quelle).		
<b>stellifer</b> Aoki, <i>Prozercon</i>	HOLOTYPE ♀	3652
1964 <i>Pacif. Ins.</i> 6(3): 489–91 Fig. 1		Slide
JAPAN: Kangawa Prefecture: Tanzawa: Hiru-ga-take XI.1962 J. Aoki		

### Suborder METASTIGMATA

### ARGASIDAE

<b>monachus</b> Keirans, Radovsky & Clifford, <i>Argas</i>	HOLOTYPE ♀	9944
1973 <i>J. Med. Ent.</i> 10(5): 511–16 Fig. 1–15		Fluid
SOUTH AMERICA: Argentina: Cordoba Province: Los Leones: 70 km NW of Cruz del Eje X.1971 F. J. Radovsky		
Ex communal nest of <i>Myiopsitta monachus</i> in <i>Prosopis</i> tree (A)		
ALLOTYPE ♂ 9944A		

### IXODIDAE

<b>laysanensis</b> Wilson, <i>Ixodes</i>	HOLOTYPE ♀	3611
1964 <i>J. Med. Ent.</i> 1(2): 165–68 Fig. 1–12		Fluid
HAWAIIAN IS: Laysan I XII.1963 N. Wilson		
Ex <i>Puffinus pacificus</i> (A)		
<b>vietnamensis</b> Hoogstraal & Wilson, <i>Haemaphysalis (Alloceraea)</i>	HOLOTYPE ♀	6862
1966 <i>J. Parasitol.</i> 52(3): 614–16 Fig. 1–10		Fluid
SOUTH VIETNAM: 6 km S of Da-lat 1450 m VI.1961 N. R. Spencer		
Sweeping vegetation		

**Order ACARIFORMES**  
**Suborder PROSTIGMATA**

**BDELLIDAE**

<b>georgianensis Wallace, Bdellodes (Bdelloides)</b>	:HOLOTYPE ♀	8837
1970 <i>Pacif. Ins. Monogr.</i> 23: 109–11 Fig. 2	Slide	
SUBANTARCTIC IS: South Georgia I: Royal Bay: Moltke Harbor: Lower Valley sea level to 150 m III.1964 H. B. Clagg		
Under moss and rock		
ALLOTYPE ♂		
<b>gressitti Atyeo, Bdellodes (Hoploscirus)</b>	ALLOTYPE ♂	9470
1964 <i>Pacif. Ins. Monogr.</i> 7: 167 Fig. 1–5	Slide	
SUBANTARCTIC IS: Campbell I: Courejolles Peninsula XII.1961 J. L. Gressitt		
From mollymawk [ <i>Diomedea</i> sp.] nests (A)		
Holotype ♀ in National Museum of New Zealand (Dominion Museum).		
<b>rhachia Wallace, Bdellodes (Hoploscirus)</b>	:HOLOTYPE ♀	8838
1970 <i>Pacif. Ins. Monogr.</i> 23: 111–13 Fig. 3	Slide	
SUBANTARCTIC IS: South Georgia I: Royal Bay: Moltke Harbor III.1964 H. B. Clagg		
Under rocks on beach		
ALLOTYPE ♂		

**CAECULIDAE**

<b>bryani Jacot, Procaeculus</b>	:HOLOTYPE	926
1936 <i>J. N. Y. Ent. Soc.</i> 44: 25 Fig. 9–14	Fluid	

MICRONESIA: Wake Atoll: Peale I VII.1923 E. H. Bryan, Jr

**EUPODIDAE**

<b>alaskanensis Strandtmann, Eupodes</b>	:HOLOTYPE ♀	9342
1971 <i>Pacif. Ins.</i> 13(1): 79–82 Fig. 1a–i	Slide	
ALASKA (N): Cape Beaufort VII.1968 R. W. & M. R. Strandtmann		
Berlesed from moss and prostrate birch on tundra		
<b>breweri Strandtmann, Cocceupodes</b>	:HOLOTYPE ♀	9343
1971 <i>Pacif. Ins.</i> 13(1): 87 Fig. 3a–i	Slide	
ALASKA (N): Brooks Range: Anaktuvik Pass VI.1968 K. & D. Pittard		
Berlesed from tundra samples		
<b>maudae Strandtmann, Protoreunetes</b>	:HOLOTYPE ♀	7056
1967 <i>Ant. Res. Series</i> 10: 56–57 Fig. 2	Slide	
ANTARCTICA: Shackleton Glacier area: N of Garden Spur, east side of Massam Glacier		
457 m XII.1964 J. Shoup		
<b>minutus Strandtmann, Protoreunetes</b>	:HOLOTYPE ♂	7055
1967 <i>Ant. Res. Series</i> 10: 55–56 Fig. 1	Slide	
ANTARCTIC PENINSULA: Anvers I: Norsel Point III.1965 Strong		
Under rocks among moss		
<b>paulinae Gless, Protoreunetes</b>	:HOLOTYPE ♀	7986
1972 <i>Ant. Res. Series</i> 20: 299–305 Fig. 5–11	Slide	
ANTARCTICA: Cape Hallett XII.1966 E. Gless		

<b>shepardi Strandtmann, Cocceupodes</b> 1971 <i>Pacif. Ins.</i> 13(1): 88-89 Fig. 4a-f ALASKA (N): Cape Beaufort VII.1968 R. W. & M. R. Strandtmann Tundra, moss and prostrate birch	HOLOTYPE ♂	9344 Slide
<b>wisei Womersley &amp; Strandtmann, Eupodes</b> 1963 <i>Pacif. Ins.</i> 5(2): 452-53 Fig. 1-3 ANTARCTICA: Hallett Station XI.1960 K. A. J. Wise Under stones in Skua rookery (A)	HOLOTYPE adult	3418 Slide

### MYOBIIDAE

<b>acinaciseta Wilson, Radfordia</b> 1967 <i>Acarologia</i> 9(3): 598-601 Fig. 1-7 THAILAND: Trang Province: Muang: Khao Chong VII.1963 W. Songprakob Ex <i>Rattus</i> sp., WS 362 (M)	HOLOTYPE ♀	7113 Slide
<b>nodosa Jameson, Protomyobia</b> 1970 <i>J. Med. Ent.</i> 7(1): 81 Fig. 2C-D, 3E TAIWAN: Chia-I Hsien: Ali-shan II.1965 E. W. Jameson, Jr Ex <i>Episoriculus fumidus</i> (M) ALLOTYPE ♂	HOLOTYPE ♀	8264 Slide
<b>parvus Jameson, Amorphacarus</b> 1970 <i>J. Med. Ent.</i> 7(1): 79-81 Fig. 1C-D, 3F TAIWAN: Chia-I Hsien: Ali-shan II.1965 E. W. Jameson, Jr Ex <i>Episoriculus fumidus</i> (M) ALLOTYPE ♂	HOLOTYPE ♀	8263 Slide
<b>wilsoni Jameson, Placomyobia</b> 1970 <i>J. Med. Ent.</i> 7(1): 83-84 Fig. 2A-B, 3B TAIWAN: Chia-I Hsien: Ali-Shan II.1965 E. W. Jameson, Jr Ex <i>Anourosorex squamipes yamashinai</i> (M) ALLOTYPE ♂	HOLOTYPE ♀	8265 Slide

### NANORCHESTIDAE

<b>antarcticus Strandtmann, Nanorchestes</b> 1963 <i>Pacif. Ins.</i> 5(2): 470-72 Fig. 55-59 ANTARCTICA: Ross I: Observation Hill (site 1) I.1963 C. Fearon & J. L. Gressitt [Under rocks]	HOLOTYPE ♀	3427 Slide
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### PENTHALODIDAE

<b>delicatus Strandtmann, Stereotydeus</b> 1967 <i>Ant. Res. Series</i> 10: 63-64 Fig. 6 ANTARCTICA: Balleny Is: Sabrina I II.1965 J. Shoup	HOLOTYPE ♂	7060 Slide
<b>longipes Strandtmann, Stereotydeus</b> 1970 <i>Pacif. Ins. Monogr.</i> 23: 94-98 Fig. 5-7 SUBANTARCTIC IS: South Georgia I: Bird I: Wanderer Valley 150-300m III.1963 H. B. Clagg Hand collected under rocks	HOLOTYPE ♂	8836 Slide
<b>meyeri Strandtmann, Stereotydeus</b> 1967 <i>Ant. Res. Series</i> 10: 63 Fig. 5 ANTARCTICA: Enderby Land: Molodozhnaya I.1965 G. H. Meyer	HOLOTYPE ♀	7059 Slide

<b>mollis</b> Womersley & Strandtmann, <i>Stereotydeus</i>	HOLOTYPE	3419
1963 <i>Pacif. Ins.</i> 5(2): 453–56 Fig. 4–8		Slide
ANTARCTICA: Ross I: Observation Hill (site 5) I.1963 C. Fearon [Under rocks]		
<b>punctatus</b> Strandtmann, <i>Stereotydeus</i>	HOLOTYPE ♀	7058
1967 <i>Ant. Res. Series</i> 10: 62–63 Fig. 4		Slide
ANTARCTICA: North Victoria Land: W side of Islands Point (site 5) 15 m XI.1964 K. A. J. Wise		
Under stones on fine rock debris on cliff ledges		
<b>reticulatus</b> Strandtmann, <i>Stereotydeus</i>	HOLOTYPE ♂	8835
1970 <i>Pacif. Ins. Monogr.</i> 23: 90–94 Fig. 2–4		Slide
SUBANTARCTIC IS: South Georgia I: Bird I: Macaroni Coulm 200–230 m III. 1963 H. B. Clagg		
Under rocks and moss		
<b>shoupi</b> Strandtmann, <i>Stereotydeus</i>	HOLOTYPE ♀	7057
1967 <i>Ant. Res. Series</i> 10: 60–62 Fig. 3		Slide
ANTARCTICA: Queen Maud Mts: Shackleton Glacier area: E side of Massam Glacier (site 3) 500 m XII.1964 J. Shoup		
Under stones		

### PYEMOTIDAE

<b>equisetosa</b> Cross, <i>Bakerdania</i>	HOLOTYPE ♀	8840
1970 <i>Pacif. Ins. Monogr.</i> 23: 118–20 Fig. 3, 4		Slide
SUBANTARCTIC IS: South Georgia I: Grytviken Peninsula XI.1963 H. B. Clagg		
Berlesed from nest material of <i>Procellaria aequinoctialis</i> (A)		
<b>rugosa</b> Cross, <i>Bakerdania</i>	HOLOTYPE ♀	8839
1970 <i>Pacif. Ins. Monogr.</i> 23: 115–18 Fig. 1, 2		Slide
SUBANTARCTIC IS: South Georgia I: Grytviken Peninsula: King Edward Point XI.1963 H. B. Clagg		
Berlesed from nest material of <i>Procellaria aequinoctialis</i> (A)		

### RHAGIDIIDAE

<b>capitata</b> Strandtmann, <i>Coccorhagidia</i>	HOLOTYPE ♀	9346
1971 <i>Pacif. Ins.</i> 13(1): 98 Fig. 7a–e		Slide
ALASKA (N): Brooks Range: Anaktuvik Pass VI.1968 K. & D. Pittard		
<b>gressitti</b> Womersley & Strandtmann, <i>Coccorhagidia</i>	HOLOTYPE	3426
1963 <i>Pacif. Ins.</i> 5(2): 467–69 Fig. 48–54		Slide
ANTARCTICA: Hallett Station XI.1960 K. A. J. Wise		
Under stones in Skua rookery (A)		
<b>hilli</b> Strandtmann, <i>Rhagidia</i>	HOLOTYPE ♀	9350
1971 <i>Pacif. Ins.</i> 13(1): 113 Fig. 14a–h		Slide
ALASKA (C): 8 km N of Fairbanks VI.1968 R. W. Strandtmann		
Berlesed from moss samples		
<b>keithi</b> Strandtmann, <i>Coccorhagidia</i>	HOLOTYPE ♂	7061
1967 <i>Ant. Res. Series</i> 10: 67 Fig. 7		Slide
ANTARCTICA: Mawson Glacier area: Nunatak: 5 km NE of Mt Murray XII.1964 A. V. Spain		
<b>leechi</b> Strandtmann, <i>Rhagidia</i>	HOLOTYPE ♀	3425
1963 <i>Pacif. Ins.</i> 5(2): 463–65 Fig. 34–40		Slide
ANTARCTICA: South Shetland Is: Livingstone I I.1961 R. E. & T. S. Leech		

<b>mariehammarae Strandtmann, Rhagidia</b>	HOLOTYPE ♀	9351
1971 <i>Pacif. Ins.</i> 13(1): 113–16 Fig. 15a–i	Slide	
ALASKA (N): Cape Beaufort VII.1968 R. W. & M. R. Strandtmann		
Berlesed from tundra moss, lichens, and a small orange toadstool		
<b>mildredae Strandtmann, Rhagidia</b>	ALLOTYPE ♂	9467
1964 <i>Pacif. Monogr.</i> 7: 157–60 Fig. 8, 9	Slide	
SUBANTARCTIC IS: Campbell I: Beeman Hill III.1963 K. A. J. Wise		
Berlesed from leaf-mold of <i>Dracophyllum longifolium</i>		
Holotype ♀ in National Museum of New Zealand (Dominion Museum).		
<b>pittardi Strandtmann, Coccorhagidia</b>	HOLOTYPE ♀	9347
1971 <i>Pacif. Ins.</i> 13(1): 98–101 Fig. 8a–i	Slide	
ALASKA (N): Brooks Range: Anaktuvik Pass VI.1968 K. & D. Pittard		
<b>sateri Strandtmann, Coccorhagidia</b>	HOLOTYPE ♀	9345
1971 <i>Pacif. Ins.</i> 13(1): 95–98 Fig. 6a–n	Slide	
ALASKA (N): Barrow VI.1968 R. W. Strandtmann		
Berlesed from tundra samples		
<b>shibai Strandtmann, Rhagidia</b>	HOLOTYPE ♀	9349
1971 <i>Pacif. Ins.</i> 13(1): 111–13 Fig. 13a–k	Slide	
ALASKA (N): Brooks Range: Anaktuvik Pass VI.1968 K. & D. Pittard		
<b>whartoni Strandtmann, Rhagidia</b>	HOLOTYPE ♀	9348
1971 <i>Pacif. Ins.</i> 13(1): 107 Fig. 12a–k	Slide	
ALASKA (C): Slough on Big Minto Lake IX.1965 R. W. Strandtmann		
Under log		

## TROMBICULIDAE

<b>accola Nadchatram, Ascoshochengastia (Laurentella)</b>	HOLOTYPE larva	8244
1970 <i>J. Med. Ent.</i> 7(1): 17–19 Fig. 50–57	Slide	
NEW GUINEA (NE): Western Highlands District: W of Mt Hagen: Mur Mur Pass: near Tambul ± 2800 m XII.1967 M. Nadchatram & A. B. Mirza		
Ex <i>Pseudocheirus forbesi</i> +, BBM-NG 60747 (M) In moss forest.		
<b>alopeciatum Traub &amp; Nadchatram, Leptotrombidium (Leptotrombidium)</b>	HOLOTYPE larva	7453
1967 <i>J. Med. Ent.</i> 4(4): 485–87 Fig. 9–16	Slide	
SOUTH VIETNAM: Blao X.1960 C. Yoshimoto & B. Feinstein		
Ex <i>Tupaia</i> sp., #00404, 00405, 00406 [B. Feinstein field numbers]. (M) Presently #320698, 320699 and 320700, respectively, in the mammal collection of USNM; identified on Bishop Museum records as <i>Tupaia</i> sp.		
<b>amicula Nadchatram &amp; Traub, Helenicula</b>	HOLOTYPE larva	9498
1971 <i>J. Med. Ent.</i> 8(5): 587–89 Fig. 86–93	Slide	
IRAN: Khuzistan Province: 93 km ESE of Behbehan II.1964 R. G. Tuck		
Ex <i>Hystrix</i> sp., B-72289 (M)		
<b>armatum Traub, Nadchatram &amp; Lakshana, Leptotrombidium (Trombiculindus)</b>	HOLOTYPE larva	9753
1968 <i>J. Med. Ent.</i> 5(3): 367–70 Fig. 19–27	Slide	
THAILAND: Chanthaburi Province: Prie: 42 km from Cambodia line 46 m IV.1958		
T. C. Maa		
Ex <i>Tupaia glis</i> , B-47919 (M)		
<b>asa Nadchatram, Toritrombicula</b>	HOLOTYPE larva	7526
1967 <i>J. Med. Ent.</i> 4(4): 413 Fig. 40–47	Slide	
PHILIPPINES: Culion I: 6.5 km SW of Culion VI.1962 M. C. Thompson		
Ex <i>Phoenicophaeus curvirostris</i> +, BBM-PI 3284 (A)		

<b>becki</b> Nadchatram, <i>Rudnicula</i>	HOLOTYPE larva	8209
1968 <i>Acarologia</i> 10(3): 468–70 Fig. 1–8	Slide	
MALAYSIA (W): Selangor: Kampong Jinjang: Kepong A. J. Beck & Sipang Attached to ear fringe of <i>Rhinolophus sedulus</i> , 67-5-1, from tree hole near stream (M)		
<b>calva</b> Domrow, <i>Trombicula</i>	HOLOTYPE larva	6589
1962 <i>Treubia</i> 26(1): 40–41 Fig. 10–17	Slide	
THAILAND (S): Nakhon Si Thammarat Province: Ban Na (Banna), a village at the foot of Khao Luang 1788 m V.1958 T. C. Maa Ex bat wing, B-47960 (M)		
<b>cosmetopode</b> Vercammen-Grandjean & Langston, <i>Leptotrombidium</i> ( <i>Ericotrombidium</i> )	HOLOTYPE larva	9464
1971 <i>J. Med. Ent.</i> 8(4): 453 Fig. 1–7	Slide	
MALAYSIA (W): Selangor: Ulu Langat XII.1965 Ex rat hole Four specimens on 1 slide, each numbered; #1 is holotype.		
<b>deccanense</b> Mitchell & Nadchatram, <i>Leptotrombidium (Trombiculindus)</i>	HOLOTYPE larva	6628
1966 <i>J. Med. Ent.</i> 3(1): 68–71 Fig. 32–39	Slide	
INDIA: District Mandla: Madhya Pradesh: Kanha National Park XII.1964 J. Spillett & G. B. Schaller Ex <i>Golunda ellioti</i> (M)		
<b>discalis</b> Nadchatram & Traub, <i>Helenicula</i>	HOLOTYPE larva	9494
1971 <i>J. Med. Ent.</i> 8(5): 575–77 Fig. 40–47	Slide	
NEPAL: Ilam District: Shokten 550 m XII.1965 M. Nadchatram Ex <i>Mus + musculus</i> , BBM-NP 30520. (M) Specific name not yet confirmed.		
<b>dooleyi</b> Nadchatram, <i>Leptotrombidium (Leptotrombidium)</i>	HOLOTYPE larva	8892
1970 <i>J. Med. Ent.</i> 7(2): 150–53 Fig. 17–24	Slide	
NEPAL: Daman 2310 m I.1966 M. Nadchatram Ex small rodent, BBM-NP 30587. (M) Host specimen not located; given as "field mouse" in original description. In conifer forest.		
<b>edibakeri</b> Nadchatram & Traub, <i>Helenicula</i>	HOLOTYPE larva	9493
1971 <i>J. Med. Ent.</i> 8(5): 571–73 Fig. 24–31	Slide	
HONG KONG: Lan Tao I (Lan Tau) III.1964 Ex <i>Rattus rattus sladeni</i> (M)		
<b>elongotarsala</b> Nadchatram, <i>Ascoschoengastia (Laurentella)</i>	HOLOTYPE larva	8247
1970 <i>J. Med. Ent.</i> 7(1): 21–23 Fig. 75–81	Slide	
NEW GUINEA (NE): Chimbu District: Arabori: 23 km SE of Chuave ± 2300 m XI.1967 M. Nadchatram, A. B. Mirza & P. H. Colman Ex probably <i>Melomys rubex</i> , BBM-NG 55146–55152. (M) Host specimen not saved; given in original description as <i>Melomys</i> sp., <i>platyops-moncktoni-rubex</i> group. In pandanus forest.		
<b>furcagaleala</b> Vercammen-Grandjean & Langston, <i>Leptotrombidium</i> ( <i>Leptotrombidium</i> )	HOLOTYPE larva	9463
1971 <i>J. Med. Ent.</i> 8(4): 450–53 Fig. 1–6	Slide	
MALAYSIA: Borneo: Sabah: Mt Kinabalu: Tenompok 1520 m VIII.1953 R. Traub Ex <i>Tupaia montana</i> , B-19318 (M)		
<b>goilala</b> Nadchatram, <i>Ascoschoengastia (Laurentella)</i>	HOLOTYPE larva	8243
1970 <i>J. Med. Ent.</i> 7(1): 14 Fig. 34–41	Slide	
NEW GUINEA (SE): Southern Highlands District: Ka Peak: 5 km W of Mendi ± 2000 m XII.1967 M. Nadchatram, A. B. Mirza & P. H. Colman Ex probably <i>Rattus niobe</i> , BBM-NG 55217. (M) Host specimen not saved. In pandanus- moss forest.		
<b>gressitti</b> Nadchatram & Wilson, <i>Trombicula (Cotrombicula)</i>	HOLOTYPE larva	4026
1965 <i>J. Med. Ent.</i> 2(3): 220–22 Fig. 10–17	Slide	
NEW GUINEA (NW): Japen I: Sumberbaba 305 m X.1962 N. Wilson		

Ex <i>Aselliscus tricuspidatus</i> +, BBM-NG 22066-22075 or BBM-NG 22101-22104. (M)		
In coral-limestone cave.		
<b>hirtipectoralis</b> Nadchatram & Traub, <i>Helenicula</i>	HOLOTYPE larva	9497
1971 <i>J. Med. Ent.</i> 8(5): 585-87 Fig. 79-85	Slide	
WEST PAKISTAN: Quetta District: 5 km W of Ziarat X.1963 R. Traub, A. B. Mirza &		
Z. B. Mirza		
Ex <i>Meriones</i> sp., B-67543 (M)		
<b>improcera</b> Nadchatram, <i>Ascoshengastia (Laurentella)</i>	HOLOTYPE larva	8245
1970 <i>J. Med. Ent.</i> 7(1): 19-21 Fig. 58-65	Slide	
NEW GUINEA (NE): Chimbu District: Arabori: 23 km SE of Chuave ± 2300 m XI.1967		
M. Nadchatram, A. B. Mirza & P. H. Colman		
Ex <i>Melomys rubex</i> , + BBM-NG 55175-55182. (M) Only hosts 55175, 55176 and 55178		
were saved from this series of 8 specimens; these 3 specimens have been identified as		
<i>Melomys rubex</i> . The remaining specimens not saved were probably also this species. In		
pandanus forest.		
<b>indigena</b> Nadchatram, <i>Ascoshengastia (Laurentella)</i>	HOLOTYPE larva	8241
1970 <i>J. Med. Ent.</i> 7(1): 10 Fig. 18-25	Slide	
NEW GUINEA (NE): Morobe District: Bulldog Road: 20 km from Edie Creek ± 2500 m		
X1967 M. Nadchatram & A. B. Mirza		
Ex probably <i>Melomys rubex</i> , BBM-NG 54761. (M) Host not saved; given in original		
description as <i>Melomys</i> sp., <i>platyops-moncktoni-rubex</i> group. In moss forest. P. H.		
Colman also listed as collector on type host data sheet.		
<b>inflata</b> Mitchell & Nadchatram, <i>Neotrombicula (Digenualaea)</i>	HOLOTYPE larva	6629
1966 <i>J. Med. Ent.</i> 3(1): 71-73 Fig. 40-47	Slide	
INDIA: District Mandla: Madhya Pradesh: Kanha National Park XII.1964 J. Spillett &		
G. B. Schaller		
Ex <i>Golunda ellioti</i> (M)		
<b>kanhaensis</b> Mitchell & Nadchatram, <i>Schoengastia</i>	HOLOTYPE larva	6631
1966 <i>J. Med. Ent.</i> 3(1): 75-77 Fig. 56-63	Slide	
INDIA: District Mandla: Madhya Pradesh: Kanha National Park XI.1964 G. B. Schaller		
Ex axilla of <i>Mabuya dissimilis</i> , R-6 (R)		
<b>keechongi</b> Nadchatram & Mitchell, <i>Trombicula (Sasatrombicula)</i>	HOLOTYPE larva	6591
1965 <i>J. Med. Ent.</i> 2(1): 71-74 Fig. 1-10	Slide	
SOLOMON IS: Bougainville I: Buka I: Buka Agricultural Research Station XII.1959		
T. C. Maa		
Ex <i>Hipposideros</i> sp., TMP 1471-1481 (M)		
<b>kuntzi</b> Nadchatram & Radovsky, <i>Vatacarus</i>	HOLOTYPE larva	9300
1971 <i>J. Med. Ent.</i> 8(1): 37-40 Fig. 1-8	Slide	
TAIWAN: Hung-T'ou Hsü (Botel Tobago I or Lan Hsü): about 70 km SE of Taiwan		
VIII.1959 R. E. Kuntz (NAMRU #2)		
Ex trachea of <i>Laticauda colubrina</i> , PF 6437 (R)		
<b>libbymannae</b> Nadchatram, <i>Ascoshengastia (Laurentella)</i>	HOLOTYPE larva	8253
1970 <i>J. Med. Ent.</i> 7(1): 16-17 Fig. 46-49	Slide	
NEW GUINEA (NE): West Sepik District: Oksapmin 1850 m X.1968 R. Traub &		
E. B. Mann		
Ex <i>Pogonomelomys ruemmleri</i> , BBM-NG 55461 (B-81470). (M) Only host skin saved, no		
skull available; species listed is very likely correct.		
<b>longipoda</b> Nadchatram & Traub, <i>Helenicula</i>	HOLOTYPE larva	9492
1971 <i>J. Med. Ent.</i> 8(5): 567-71 Fig. 16-23	Slide	
MALAYSIA: Borneo: Sabah: Mt Kinabalu 1400-1800 m XII.1965 Lim Boo Liat		
Ex <i>Tupaia montana</i> , BL 2751 (M)		
<b>lorentzimys</b> Nadchatram, <i>Ascoshengastia (Laurentella)</i>	HOLOTYPE larva	8252
1970 <i>J. Med. Ent.</i> 7(1): 14-16 Fig. 42-45	Slide	
NEW GUINEA (NE): West Sepik District: Oksapmin 1900 m X.1968 R. Traub &		

E. B. Mann Ex <i>Lorentzimys nouhuysi</i> +, BBM-NG 55446 (B-81455) (M)		
<i>lukshumiae</i> Nadchatram & Traub, <i>Helenicula</i> 1971 <i>J. Med. Ent.</i> 8(5): 581–82 Fig. 63–70 IRAN: Fars Province: 10 km SE of Kazerum XI.1963 H. W. Setzer Ex <i>Calomyscus</i> sp., B-59547 (M)	HOLOTYPE larva	9496 Slide
<i>maai</i> Nadchatram & Wilson, <i>Whartonia</i> 1965 <i>J. Med. Ent.</i> 2(3): 222–24 Fig. 26–33 NEW GUINEA (NW): Vogelkop: Kebar Valley: W of Monokwari 550 m I.1962 S. & L. Quate Ex <i>Rousettus amplexicaudatus brachyotis</i> , BBM-NG 769 (M)	HOLOTYPE larva	4028 Slide
<i>macrosphenum</i> Traub & Nadchatram, <i>Leptotrombidium (Trombiculindus)</i> 1968 <i>J. Med. Ent.</i> 5(3): 365–67 Fig. 1–9 THAILAND: Chanthaburi Province: Priel: 42 km from Cambodia line 46 m IV.1958 T. C. Maa Ex <i>Tupaia glis</i> , B-47936 (M)	HOLOTYPE larva	9752 Slide
<i>medwayi</i> Nadchatram & Lakshmy, <i>Myotrombicula</i> 1969 <i>J. Med. Ent.</i> 6(3): 283–85 Fig. 1–8 MALAYSIA (W): Pahang: Gunong Benom: Forest near base camp 220 m II.1967 M. Nadchatram & Lord Medway Ex <i>Rhinolophus stheno</i> , AC-3, BM-80. (M) Host #BM-80 apparently does not belong to any Bishop Museum series.	HOLOTYPE larva	7524 Slide
<i>melanesiana</i> Nadchatram, <i>Ascoshochengastia (Laurentella)</i> 1970 <i>J. Med. Ent.</i> 7(1): 10–13 Fig. 26–29 NEW GUINEA (NE): Western Highlands District: Mur Mur Pass: 50 km from Mt Hagen on Hagen-Tambul Road ± 2800 m XII.1967 M. Nadchatram & A. B. Mirza Ex probably <i>Melomys rubex</i> , BBM-NG 60666. (M) Host specimen not saved, given in original description as <i>Melomys</i> sp., <i>platyops-moncktoni-rubex</i> group. In moss forest.	HOLOTYPE larva	8242 Slide
<i>metatarsalis</i> Nadchatram, <i>Ascoshochengastia (Laurentella)</i> 1970 <i>J. Med. Ent.</i> 7(1): 21 Fig. 66–74 NEW GUINEA (NE): Morobe District: Bulldog Road: 20 km from Edie Creek ± 2500 m X.1967 M. Nadchatram, A. B. Mirza & P. H. Colman Ex probably <i>Melomys rubex</i> , BBM-NG 54761. (M) Host specimen not saved; given in original description as <i>Melomys</i> sp., <i>platyops-moncktoni-rubex</i> group. In moss forest.	HOLOTYPE larva	8246 Slide
<i>migratoria</i> Nadchatram & Wilson, <i>Mackiena (Tinpinna)</i> 1969 <i>J. Med. Ent.</i> 6(1): 99–101 Fig. 1–8 SOUTH KOREA: Chin Chup Myun: Kyunggi IV.1965 Won Pyong-Oh Ex <i>Alcedo atthis</i> , MAPS SE-1705 (A)	HOLOTYPE larva	7935 Slide
<i>minima</i> Nadchatram & Traub, <i>Guntherana</i> 1969 <i>J. Med. Ent.</i> 6(3): 265 Fig. 10–17 NEW GUINEA (NE): Morobe District: Wau: N side of Edie Creek 2100 m XI.1966 R. Traub Ex <i>Rattus</i> sp., B-80844 (M)	HOLOTYPE larva	8207 Slide
<i>mitchelli</i> Nadchatram, <i>Leptotrombidium (Leptotrombidium)</i> 1970 <i>J. Med. Ent.</i> 7(2): 153–55 Fig. 25–32 NEPAL: Eastern Terai: Jhapa: near house 200 m XI.1965 M. Nadchatram & R. M. Mitchell Ex <i>Bandicota</i> * sp., BBM-NP 30414. (M) Specific name not yet available; originally misidentified as <i>Rattus nitidus</i> .	HOLOTYPE larva	8893 Slide
<i>modica</i> Nadchatram, <i>Ascoshochengastia (Laurentella)</i> 1970 <i>J. Med. Ent.</i> 7(1): 13–14 Fig. 30–33 NEW GUINEA (NE): Eastern Highlands District: Goroka: Mt Kerigomna, near Marafunga 3050 m XI.1968 R. Traub & E. B. Mann Ex probably <i>Mallomys rothschildi</i> , but possibly <i>Hyomys goliath</i> , B-81602. (M) Host specimen not saved. In montane forest.	HOLOTYPE larva	8251 Slide

<b>murphyi</b> Nadchatram, <b>Leptotrombidium (Leptotrombidium)</b>	HOLOTYPE larva	8891
1970 <i>J. Med. Ent.</i> 7(2): 150 Fig. 9-16	Slide	
NEPAL: Syabrudens: 35 km NE of Trisuli 1450 m XI.1965 L. W. Quate		
Ex <i>Rattus + rattus</i> BBM-NP 30293. (M) Specific name not yet confirmed. On rocky hillside.		
R. M. Mitchell also listed as a collector on type host label.		
<b>narayanshahi</b> Nadchatram, <b>Leptotrombidium (Leptotrombidium)</b>	HOLOTYPE larva	8894
1970 <i>J. Med. Ent.</i> 7(2): 155 Fig. 33-40	Slide	
NEPAL: Eastern Terai. Jhapa 200 m XI.1965 M. Nadchatram & R. M. Mitchell		
Ex possibly <i>Bandicota</i> sp., BBM-NP 30422. (M) Host not saved; listed in original description as <i>Bandicota bengalensis</i> . In rice field.		
<b>nepalensis</b> Nadchatram & Traub, <b>Helenicula</b>	HOLOTYPE larva	9499
1971 <i>J. Med. Ent.</i> 8(5): 589 Fig. 94-101	Slide	
NEPAL: Syabrudens: 35 km NE of Trisuli 1450 m XI.1965 L. W. Quate & R. M. Mitchell		
Ex <i>Rattus +</i> , sp., BBM-NP 30251. (M) Specific name not yet confirmed; given as <i>Rattus rattus brunneus</i> or <i>Rattus rattus brunneusculus</i> in original description.		
<b>nocticola</b> Nadchatram, <b>Chiroptella (Chiroptella)</b>	HOLOTYPE larva	6898
1966 <i>J. Med. Ent.</i> 3(1): 27-28 Fig. 21-27	Slide	
SOLOMON IS: Bougainville I: Buka I: Buka Agricultural Experiment Station XII.1959		
T. C. Maa		
Ex <i>Hipposideros</i> sp., TMP 1471-1481 (M)		
<b>ornamentata</b> Nadchatram & Traub, <b>Guntherana</b>	HOLOTYPE larva	8206
1969 <i>J. Med. Ent.</i> 6(3): 263-65 Fig. 1-9	Slide	
NEW GUINEA (NE): Morobe District: 5 km SW of Wau: Mt Kaindi 2300 m XI.1966		
R. Traub		
Ex <i>Melomys</i> sp., B-80823 (M)		
<b>palmata</b> Domrow, <b>Schoengastia</b>	HOLOTYPE larva	6590
1962 <i>Treubia</i> 26(1): 46 Fig. 55-62	Slide	
SOUTH VIETNAM: Phan Rang VI.1960		
Ex Night Jar (A)		
<b>parviscutum</b> Mitchell & Nadchatram, <b>Leptotrombidium (Leptotrombidium)</b>	HOLOTYPE larva	6625
1966 <i>J. Med. Ent.</i> 3(1): 65-66 Fig. 9-16	Slide	
INDIA: District Mandla: Madhya Pradesh: Kanha National Park XII.1964 C. J. Mitchell,		
J. Spillett & G. B. Schaller		
Ex <i>Rattus blanfordi</i> (M)		
<b>quatei</b> Nadchatram & Wilson, <b>Trombicula (Sasatrombicula)</b>	HOLOTYPE larva	4027
1965 <i>J. Med. Ent.</i> 2(3): 222 Fig. 18-25	Slide	
NEW GUINEA (NE): West Sepik District: Feramin 1500 m VIII.1963 P. Temple		
Ex <i>Hipposideros + semoni</i> , BBM-NG 22947 (M) Specific name not yet confirmed.		
<b>rowanae</b> Nadchatram, <b>Leptotrombidium (Leptotrombidium)</b>	HOLOTYPE larva	8895
1970 <i>J. Med. Ent.</i> 7(2): 155-58 Fig. 41-48	Slide	
NEPAL: Ilam District: Ghorva 220 m XII.1965 M. Nadchatram		
Ex probably <i>Rattus</i> sp., BBM-NP 30556. (M) Host specimen not saved; given as <i>R. rattus brunneusculus</i> in original description.		
<b>sandoshami</b> Nadchatram, <b>Chiroptella (Chiroptella)</b>	HOLOTYPE larva	6897
1966 <i>J. Med. Ent.</i> 3(1): 21-27 Fig. 1-7	Slide	
MALAYSIA (W): Selangor: Templer Park: Anak Bukit Takun limestone cave V.1962		
M. Nadchatram,		
Ex <i>Hipposideros pamona</i> , MZ 7422 (M)		
<b>schalleri</b> Mitchell & Nadchatram, <b>Schoutedenichia</b>	HOLOTYPE larva	6630
1966 <i>J. Med. Ent.</i> 3(1): 73-75 Fig. 48-55	Slide	
INDIA: District Mandla: Madhya Pradesh; Kanha National Park XII.1964 J. Spillett &		
G. B. Schaller		
Ex <i>Suncus stoliczkanus</i> (M)		

<b>siamensis</b> Nadchatram & Mitchell, <i>Trombicula (Sasatrombicula)</i>	HOLOTYPE larva	6592
1965 <i>J. Med. Ent.</i> 2(1): 74 Fig. 11–15	Slide	
THAILAND: Chiang Mai Province: Doi Suthep IV.1962 K. Thonglongya Ex <i>Rhinolophus luctus</i> , SMRL 740-1 (M)		
<b>spilletti</b> Mitchell & Nadchatram, <i>Leptotrombidium (Leptotrombidium)</i>	HOLOTYPE larva	6627
1966 <i>J. Med. Ent.</i> 3(1): 66–68 Fig. 25–31	Slide	
INDIA: District Mandla: Madhya Pradesh: Kanha National Park XII.1964 J. Spillett & G. B. Schaller Ex <i>Rattus blanfordi</i> (M)		
<b>strandtmanni</b> Nadchatram & Traub, <i>Guntherana</i>	HOLOTYPE larva	8208
1969 <i>J. Med. Ent.</i> 6(3): 265–68 Fig. 18–25	Slide	
NEW GUINEA (NE): Morobe District: Edie Creek: Bulldog Road 2150 m XI.1966 R. Traub Ex <i>Rattus</i> sp., B-80810 (M)		
<b>templei</b> Nadchatram & Wilson, <i>Rudnicula</i>	HOLOTYPE larva	4025
1965 <i>J. Med. Ent.</i> 2(3): 217–20 Fig. 1–9	Slide	
NEW GUINEA (NE): West Sepik District: Telefomin 1515 m VIII.1963 P. Temple Ex <i>Hipposideros</i> + sp., BBM-NG 22788. (M) Specific name not yet available.		
<b>traubaudyi</b> Nadchatram, <i>Gahrleopia (Walchia)</i>	HOLOTYPE larva	8250
1970 <i>J. Med. Ent.</i> 7(1): 8–10 Fig. 10–17	Slide	
NEW GUINEA (NE): West Sepik District: Oksapmin 1850 m X.1968 R. Traub & E. B. Mann		
Ex probably <i>Melomys lorentzii</i> , B 81507. (M) Host specimen not saved. The specific name "lepidus" given in original description is apparently a lapsus for "levipes" since there seems to be no trivial name "lepidus" applied to any member of the genus. <i>Melomys lorentzii</i> was listed as a subspecies of <i>M. levipes</i> by Laurie & Hill (1954: 121), but treated as a separate species by Ziegler (1971: 149).		
<b>trisetosa</b> Upham & Nadchatram, <i>Schoutedenichia</i>	HOLOTYPE larva	7936
1968 <i>J. Med. Ent.</i> 5(2): 197 Fig. 9–16	Slide	
MALAYSIA (W): Selangor: Ampang Forest Reserve V.1966 W. D. Kundin From hole in earth bank along jungle path		
<b>ungkomari</b> Nadchatram & Traub, <i>Helenicula</i>	HOLOTYPE larva	9491
1971 <i>J. Med. Ent.</i> 8(5): 566–67 Fig. 8–15	Slide	
PHILIPPINES: Balabac I: Palawan Bay: Minagas Point IV.1962 M. C. Thompson & R. B. Gonzales Ex <i>Tragulus nigricans</i> , BBM-PI 2709 (M)		
<b>vercammeni</b> Nadchatram & Lakshana, <i>Myotrombicula</i>	HOLOTYPE larva	9921
1965 <i>J. Med. Ent.</i> 2(3): 230–32 Fig. 1–8	Slide	
THAILAND: Khon Khaen: Amphur Chumphae: Pa Dong Larn XI.1962 Ex <i>Rattus niveiventer</i> ?, SMRL 2007(1). (M) The host identification is listed on the slide label as "Rattus niveiventer?" This identification was questioned by the authors in the original description who noted that chiggers of genus <i>Myotrombicula</i> have not been recorded from hosts other than bats.		
<b>wagamiya</b> Nadchatram & Traub, <i>Helenicula</i>	HOLOTYPE larva	9495
1971 <i>J. Med. Ent.</i> 8(5): 580–81 Fig. 52–59	Slide	
WEST PAKISTAN: Swat State: Kalam 2300 m X.1966 R. Traub Ex <i>Apodemus</i> sp., B-67238. (M) Edge of forest slope and boulders		
<b>wallacei</b> Mitchell & Nadchatram, <i>Leptotrombidium (Leptotrombidium)</i>	HOLOTYPE larva	6626
1966 <i>J. Med. Ent.</i> 3(1): 66 Fig. 17–24	Slide	
INDIA: District Mandla: Madhya Pradesh: Kanha National Park XII.1964 C. J. Mitchell, J. Spillett & G. B. Schaller Ex <i>Rattus blanfordi</i> (M)		

<b>worthi Nadchatram, Leptotrombidium (Leptotrombidium)</b>	HOLOTYPE larva	8890
1970 <i>J. Med. Ent.</i> 7(2): 148–50 Fig. 1–8	Slide	
NEPAL: Rapti River Valley: 16 km W of Hitaura 230 m [not 750 m as given in original description] I.1966 M. Nadchatram & R. M. Mitchell		
Ex <i>Rattus + ratus brunneusculus</i> , BBM-NP 30634. (M) Trivial name not yet confirmed.		

### TYDEIDAE

<b>setsukoae Strandtmann, Tydeus</b>	HOLOTYPE ♀	7063
1967 <i>Ant. Res. Series</i> 10: 68–70 Fig. 9	Slide	
ANTARCTICA: North Victoria Land: Possession I 70 m XI.1964 J. L. Gressitt		
<b>wadei Strandtmann, Tydeus</b>	HOLOTYPE ♀	7062
1967 <i>Ant. Res. Series</i> 10: 68 Fig. 8	Slide	
ANTARCTICA: North Victoria Land: Possession I 70 m XI.1964 J. L. Gressitt		
<b>wilkesi Strandtmann, Tydeus</b>	HOLOTYPE ♂	7064
1967 <i>Ant. Res. Series</i> 10: 74–75 Fig. 13	Slide	
ANTARCTICA: Pensacola Mts: Dufek Massif: location 69 XII.1965 O. R. Wilkes		

### Suborder ASTIGMATA

#### ACARIDAE

<b>introitus Jacot, Caloglyphus</b>	23♀, 4♂ COTYPES	917
1935 <i>B. P. Bishop Mus. Bull.</i> 113: 111–14 Fig. 1a–f	Slide	
SOCIETY IS: Tahiti I: 5 km SW of Hitiaa Village XI.1928 A. M. Adamson		
<b>natiformius Jacot, Rhizoglyphus</b>	30 COTYPES	679
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 215–17 Fig. 1a–e	Slide	
MARQUESAS IS: Hivaoa I: Matauuna 1180 m III.1930 E. P. Mumford & A. M. Adamson		
Under rotting bark of <i>Cheirodendron</i> sp. near <i>platyphyllum</i>		

#### ATOPOMELIDAE

<b>expansus Ferris, Listrophoroides</b>	48 SYNTYPES?	10,118
1932 <i>B. P. Bishop Mus. Bull.</i> 98: 120–21 Fig. 26	Slides	
MARQUESAS IS: Hivaoa I: Atuona E. P. Mumford & A. M. Adamson		
8 slides of males, females and immatures, all bearing the following label: "Listrophoroides expansus n. sp. From <i>Rattus</i> Atuona, Hivaoa. Marquesas R 10 Mumford & Adamson."		
This corresponds with the type data given in the original description. However, although Ferris stated, "Holotype a female," none of the 8 slides bears any indication of type status. This material clearly belongs to the type collection, and it is possible that Ferris neglected to designate a holotype.		

#### LABIDOPHORIDAE

<b>anisomysi Rupeš, Yunker &amp; Wilson, Dermacarus</b>	HOLOTYPE hypopus	8816
1971 <i>J. Med. Ent.</i> 8(1): 19 Fig. 6, 7	Slide	
NEW GUINEA (SE): Southern Highlands District: Mt Giluwe: Kagaba: 40 km NNE of Mendi 2800 m IX.1968 N. Wilson & M. Nadchatram		
Ex <i>Anisomys imitator</i> +, BBM-NG 97139. (M) In moss forest. Collector given as A. B. Mirza on type host specimen label.		

<b>lorentzimysi</b> Rupeš, Yunker & Wilson, <i>Dermacarus</i>	HOLOTYPE hypopus 8817
1971 <i>J. Med. Ent.</i> 8(1): 11–20 Fig. 8, 9	Slide
NEW GUINEA (NE): Morobe District: Bulldog Road: 19 km S of Edie Creek 2400 m	
VI.1968 A. B. Mirza	
Ex <i>Lorentzimys nouhuysi</i> +, BBM-NG 61668. (M) In moss forest.	
Slide also bearing paratype (clasping hair of host).	

### LISTROPHORIDAE

<b>musculus</b> Wilson & Lawrence, <i>Listrophorus</i>	HOLOTYPE ♂
1967 <i>Acarologia</i> 9: 625–31 Fig. 1, 2	6924
HAWAIIAN IS: Hawaii I: Kukuihaele 225 m X.1961 N. Wilson	Slide
Ex <i>Mus musculus</i> (M)	

### PROCTOPHYLLODIDAE

<b>gressitti</b> Atyeo & Peterson, <i>Brephosceles</i>	HOLOTYPE ♂
1970 <i>Pacif. Ins. Monogr.</i> 23: 134–35 Fig. 25, 26	8841
SUBANTARCTIC IS: South Georgia I: Bird I IX.1963 H. B. Clagg	Slide
Ex <i>Diomedea chrysostoma</i> (A)	

### SAPROGLYPHIDAE

<b>claggi</b> Hughes, <i>Neocalvolia</i>	HOLOTYPE ♂
1970 <i>Pacif. Ins. Monogr.</i> 23: 153–60 Fig. 1–11	8843
SUBANTARCTIC IS: South Georgia I: Bird I near sea level H. B. Clagg	Slide
Tussock grass	
ALLOTYPE ♀ 8843	

### SARCOPTIDAE

<b>aingworthi</b> Mitchell & Fain, <i>Teinocoptes</i>	HOLOTYPE ♀
1963 <i>Pacif. Ins.</i> 5(2): 481–82 Fig. 1	3420
NEW GUINEA (NW): Central Mts: Archbold Lake 760 m XI–XII.1961 S. & L. Quate	Slide
Ex <i>Nyctimene</i> sp., BBM-NG 452 (M)	
<b>jamesoni</b> Lavoipierre, <i>Notoedres</i>	HOLOTYPE ♀
1964 <i>J. Med. Ent.</i> 1(1): 8–10 Fig. 2, 4, 7	3263
SOUTH VIETNAM: 76 m [miles?] SW Ban Me Thuot 870 m V.1960 R. E. Leech	Slide
Ex small mammal, probably rodent (M)	
<b>katherinae</b> Mitchell & Fain, <i>Teinocoptes</i>	HOLOTYPE ♀
1963 <i>Pacif. Ins.</i> 5(2): 484–86 Fig. 4	3423
SOLOMON IS: Bougainville I: Buka I: Sia Cave T. C. Maa	Slide
Ex <i>Dobsonia inermis</i> , TMP 1501–TMP 1502 or TMP 1561–TMP 1577 (M)	
<b>strandtmanni</b> Mitchell & Fain, <i>Teinocoptes</i>	HOLOTYPE ♀
1963 <i>Pacif. Ins.</i> 5(2): 483–84 Fig. 3	3422
NEW GUINEA (NW): Nabire: 8 km S of Geelvink Bay 4.5 m XI.1962 N. Wilson	Slide
Ex <i>Dobsonia moluccensis magna</i> +, BBM-NG 21718 (presently in AMNH). (M) Collector listed on host specimen label as L. P. Richards	
<b>vandeuseeni</b> Mitchell & Fain, <i>Teinocoptes</i>	HOLOTYPE ♀
1963 <i>Pacif. Ins.</i> 5(2): 486–87 Fig. 5–7	3424
	Slide

NEW GUINEA (NW): Japen I: Sumberbaba: Dawai River 25 m X.1962 N. Wilson  
Ex *Rousettus stresemanni* +, BBM-NG 22057 or 22058. (M) Host #22057 apparently  
not saved; #22058 is presently in AMNH, identified as *Rousettus stresemanni*.

wilsoni Mitchell & Fain, <i>Teinocoptes</i>	HOLOTYPE ♀	3421
1963 <i>Pacif. Ins.</i> 5(2): 482–83 Fig. 2		Slide
NEW GUINEA (NW): Nabire: 8 km S of Geelvink Bay 4.5 m IX.1962 N. Wilson Ex <i>Dobsonia moluccensis magna</i> +, BBM-NG 21718 (presently in AMNH). (M) Collector listed on host specimen label as L. P. Richards.		

### Suborder CRYPTOSTIGMATA

aculeatisetae Jacot, <i>Udetaliodes hawaiiensis</i>	7 COTYPES	689
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 221 Fig. 2a–e		Slides
MARQUESAS IS: Nukuhiva I: Ooumu 1230 m XI.1929 E. P. Mumford & A. M. Adamson From leaf axils of <i>Cyperus</i> 2 slides (689A, 689B) of 3 and 4 cotypes		
adamsoni Jacot, <i>Nesiotizetes</i>	HOLOTYPE	689A
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 229 Fig. 3i, j		Slide
MARQUESAS IS: Nukuhiva I: Tuanui: Tovii (Toovii) 606 m X.1929 E. P. Mumford & A. M. Adamson Under dead leaves 2 slides: 33M2d, legs; 33M2e, body of holotype		
alces Jacot, <i>Dameosoma</i>	HOLOTYPE	849
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 23–25 Pl. 16, Fig. 154–58		Slide
HAWAIIAN IS: Hawaii I: Honokaa VII.1922 C. E. Pemberton In minute hole in sugarcane root		
boraboraensis Sellnick, <i>Protoribates</i>	HOLOTYPE	2219
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 140–42 Fig. 11a		Slide
SOCIETY IS: Bora Bora I: cliff back of Vaitape 106 m X.1934 D. Anderson (Mangarevan Expedition, 1934)		
Berlese		
bryani Jacot, <i>Euphthiracarus (Indotritia)</i>	24 COTYPES	843
1929 <i>Psyche</i> 35(4): 213 No fig.		Slide
MICRONESIA: Wake Atoll: Wilkes I VIII.1923 E. H. Bryan, Jr (Tanager Expedition, 1923) Under stones 1 slide (BBM 07 TI) with 13 whole specimens and numerous fragments.		
bryani Jacot, <i>Phauloppia</i>	10 COTYPES	853
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 34–35 Pl. 5, Fig. 42–45		Slide
HAWAIIAN IS: French Frigate Shoals VI.1923 E. H. Bryan, Jr (Tanager Expedition, 1923) 1 slide (BBM 05T)		
bryani Jacot, <i>Zetes</i>	HOLOTYPE	866
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 74–75 Pl. 13, Fig. 126, 127		Slide
MICRONESIA: Wake Atoll: Peale I VII.1923 E. H. Bryan, Jr (Tanager Expedition, 1923) [Under large rock] Biotope data taken from original field notes of E. H. Bryan, Jr.		
castlei Jacot, <i>Protoschelobates</i>	21 COTYPES	857
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 49–51 Pl. 7, Fig. 61–66		Slide
HAWAIIAN IS: Oahu I: Manoa Valley: behind Castle home [W slope of Manoa Valley, on road leading to Round Top and Sugar Loaf; later became Pan Pacific Research Institute. 150–300 m] VIII.1926 A. P. Jacot Handpicked from under wood chips on wooded slope 1 slide (262001) with 21 cotypes, not 23 as originally mentioned by Jacot.		

<b>cornutus</b> Sellnick, <i>Trihumerozetes</i>	HOLOTYPE	2214
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 128–30 Fig. 6		Slides
RAPA I: east ridge of Mt Perahu 425–515 m VII.1934 Collector probably E. C. Zimmerman (Mangarevan Expedition, 1934)		
6 slides: BM-SO21a, dorsal plate; b, venter; c, propodosoma; d, gnathosoma, mandibles, genital covers; e, legs I, III, IV, 2 pteroni; f, leg II		
<b>crassiori</b> Jacot, <i>Indotritia lebronneci</i>	HOLOTYPE	925
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 237 Fig. 4i		Slide
MARQUESAS IS: Hivaoa I: Matauuna 1180 m III.1930 E. P. Mumford & A. M. Adamson		
On ground under dead leaves		
<b>crassiseta</b> Hammer, <i>Operculopilla</i>	HOLOTYPE	7933
1968 <i>Biol. Skr. Dan. Vid. Selsk.</i> 16(2): 24–25 Fig. 24		Fluid
NEW ZEALAND: South I: Arthur's Pass I.1962 C. Mitchell		
From <i>Nestor notabilis</i> nest (A)		
<b>crispus</b> Aoki, <i>Hydronothrus</i>	HOLOTYPE	3642
1964 <i>Pacif. Ins.</i> 6(3): 485–88 Fig. 1		Slide
HAWAIIAN IS: Kauai I: Hanalei near sea level V.1964 J. Aoki		
Under water in taro patch		
<b>cronus</b> Jacot, <i>Oppia</i>	5 ♂ ♀ COTYPES	850
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 25–28 Pl. 2, Fig. 23; Pl. 3, Fig. 24–27		Slide
HAWAIIAN IS: Oahu I: Honolulu: Hawaiian Sugar Planters' Association Experimental Station R. H. Van Zwaluwenburg		
Soil samples from sugarcane fields		
1 slide (281 Vn)		
<b>fisheri</b> Aoki, <i>Scapheremaeus</i>	HOLOTYPE	6970
1966 <i>Pacif. Ins.</i> 8(3): 772–73 Fig. 8		Slide
HAWAIIAN IS: Midway I V.1965 E. Meseth		
From nest of <i>Diomedea immutabilis</i> (A)		
<b>flagelliformis</b> Wallwork, <i>Trimalaconothrus</i>	HOLOTYPE	8844
1970 <i>Pacif. Ins. Monogr.</i> 23: 163–65 Fig. 1–6		Fluid
SUBANTARCTIC IS: South Georgia I: Moltke Harbor area III.1961 N. V. Jones		
From mosses on moss dryer		
<b>flagelloides</b> Jacot [FORM] <i>indotritia lebronneci</i>	HOLOTYPE	924
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 236 No fig.		Slide
MARQUESAS IS: Nukuhiva I; Teuanui: Tovii (Toovii) 606 m X.1929 E. P. Mumford & A. M. Adamson		
Under dead leaves		
<b>fordi</b> Jacot, <i>Zetes</i>	1 ♀, 2 ♂ COTYPES	865
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 73 Pl. 11, Fig. 118–120		Slide
HAWAIIAN IS: Oahu I: Honolulu: Manoa Valley: behind Castle home [W slope of Manoa Valley, on road leading to Round Top and Sugar Loaf; later became Pan Pacific Research Institute, 150–300 m] VII.1926 A. P. Jacot		
Under side of stones on hillside		
1 slide (261903)		
<b>georgiae</b> Wallwork, <i>Antarcticola</i>	HOLOTYPE ♂	8848
1970 <i>Pacif. Ins. Monogr.</i> 23: 173–76 Fig. 16–22		Fluid
SUBANTARCTIC IS: South Georgia I: Moltke Harbor area III.1961 N. V. Jones		
From mosses on moss dryer		
<b>granosus</b> Sellnick, <i>Carabodes</i>	HOLOTYPE ♀	2212
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 118–19 Fig. 4a		Slide
AUSTRAL IS: (Tubuai Is): Raivavae I: Ahuovi Point VIII.1934 C. M. Cooke Jr, Y. Kondo & D. Anderson (Mangarevan Expedition, 1934)		
Berlesed from dead leaves		

<b>gressitti Aoki, Apotomocepheus</b>	HOLOTYPE	3644
1965 <i>Pacif. Ins.</i> 7(2): 296–300 Fig. 1–5		Slide
NEW GUINEA (NW): Schouten is: Biak I: Kampong Landbouw 50–100 m V.1959		
J. L. Gressitt		
Berlesed from leaf mold		
2 slides: anogenital region and leg IV; body with ventral plate removed		
<b>hawaiensis Jacot, Euphthiracarus (Indotritia)</b>	5 COTYPES	844
1929 <i>Psyche</i> 35(4): 214 No fig.		Slide
HAWAIIAN IS: Oahu I: "Kaala Mts" [Mt Kaala, Waianae Mountains] IV.1892		
R. C. L. Perkins		
[Decayed wood]		
1 slide (BBM 18P). Bracketed information added from original field notebooks of R. C. L. Perkins.		
<b>hawaiensis Jacot, Galumna</b>	20 COTYPES	868
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 77–80 Pl. 13, Fig. 128–34; Pl. 14, Fig. 35–41		Slides
HAWAIIAN IS: Oahu I: W slope of hill at head of Manoa Valley 243 m VII.1926		
A. P. Jacot		
From twigs beneath grass (18 cotypes); from dead <i>Eucalyptus</i> leaves beneath grass (2 cotypes)		
2 slides (262101, 262201).		
<b>hivaoae Jacot, Acronothrus nukuhivae</b>	HOLOTYPE	681
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 220 No fig.		Slide
MARQUESAS IS: Hivaoa I: Mt Temetiu 1106 m V.1929 E. P. Mumford & A. M. Adamson		
From dead fern stipes		
<b>hivaoae Jacot [FORM], Scheloribates fimbriatus whitteni</b>	3 COTYPES	683
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 222 Fig. 2h		Slide
MARQUESAS IS: Hivaoa I: Atuona Valley II.1929 E. P. Mumford & A. M. Adamson		
1 slide (33m)		
<b>holtmanni Aoki, Otocepheus (Acrotocepheus)</b>	HOLOTYPE	6138
1965 <i>Bull. Nat. Sci. Mus.</i> 8(3): 295 Fig. 95–97		Slide
NEW GUINEA (NW): South Geelvink Bay: Nabire 1–20 m IX.1962 H. Holtmann		
<b>immarginatus Jacot, Odontocepheus</b>	HOLOTYPE	847
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 12–15 Pl. 1, Fig. 7–10; Pl. 2, Fig. 11–15		Slides
HAWAIIAN IS: Oahu I: Honolulu: W shoulder of hill at head of Manoa Valley XII.1926		
A. P. Jacot		
Epigaeal moss beneath stratum of fern, <i>Sphenomeris chinensis</i>		
<b>imparata Jacot, Imparatoppia</b>	1 ♂, 2 ♀ COTYPES	852
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 30–34 Pl. 4, Fig. 31–37		Slides
HAWAIIAN IS: [Hawaii I: Kilauea] R. C. L. Perkins		
3 slides (BBM 532P, BBM 656P, BBM 540P) with 1 cotype each. Bracketed locality data added from original field notebooks of R. C. L. Perkins. Dates listed by Perkins as follows: slides 532P and 540P, VIII.1895; 656P, VIII.1896.		
<b>imperfecta Sellnick, Carabodes</b>	HOLOTYPE ♀	2213
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 119–21 Fig. 4b		Slide
AUSTRAL IS (Tubuai Is): Rurutu I: Mato Naa (?) VIII.1934 R. F. Fosberg (Mangarevan Expedition, 1934)		
Berlese		
<b>incurvus Aoki, Ceratozetes</b>	HOLOTYPE	3640
1964 <i>Pacif. Ins.</i> 6(4): 658–59 Fig. 14–17		Slide
HAWAIIAN IS: Laysan I XII.1963 J. Aoki		
Roots of bunch grass		
<b>insularis Jacot, Phthiracarus</b>	HOLOTYPE	922
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 233 Fig. 4a–b		Slide

MARQUESAS IS: Nukuhiva I: Teuanui: Tovii (Toovii) 606 m X.1929 E. P. Mumford & A. M. Adamson  
Under dead leaves

<i>laysanensis</i> Aoki, <i>Hypozeres</i>	HOLOTYPE	3639
1964 <i>Pacif. Ins.</i> 6(4): 655–58 Fig. 9–13	Slide	
HAWAIIAN IS: Laysan I XII.1963 N. Wilson		
Resting place of Wedge-tailed Shearwater [ <i>Puffinus pacificus chlororhynchus</i> ] (A)		
<i>lebronneci</i> Jacot, <i>Indotritia</i>	6 COTYPES	923
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 234–36 Fig. 4c–h	Slide	
MARQUESAS IS: Nukuhiva I: Tekao Hill 1000 m VII.1931 G. Le Bronnec & H. Tauraa		
Slide (33M15)		
<i>littoralis</i> Wallwork, <i>Halozetes</i>	HOLOTYPE ♂	8847
1970 <i>Pacif. Ins. Monogr.</i> 23: 169–71 Fig. 2–15	Fluid	
SUBANTARCTIC IS: South Georgia I: Bird I: Landing beach IV.1963 H. B. Clagg		
Hand collected in rock crevices in intertidal zone		
<i>longiseta</i> Wallwork, <i>Globoppia intermedia</i>	HOLOTYPE	8846
1970 <i>Pacif. Ins. Monogr.</i> 23: 168 Fig. 9–11	Fluid	
SUBANTARCTIC IS: South Georgia I: Bird I: Moltke Harbor area III.1961 N. V. Jones		
From moss samples on dryer		
<i>loxolineata</i> Wallwork, <i>Oppia</i>	2 SYNTYPES	10,072
1965 <i>Pacif. Ins.</i> 7(3): 454–56 Fig. 1, 2	Fluid	
ANTARCTICA: South Shetland Is: Deception I I.1961 R. E. & T. S. Leech		
<i>manoai</i> Jacot, <i>Scheloribates</i>	HOLOTYPE	859
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 56 Pl. 9, Fig. 83–84	Slide	
HAWAIIAN IS: Oahu I: Honolulu: hill at head of Manoa Valley VII.1926 A. P. Jacot		
Leaf base of tree fern, <i>Sadleria cyatheoides</i>		
<i>marquesalis</i> Jacot, <i>Scheloribates indicus</i>	2 COTYPES	685
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 224 Fig. 2j, k	Slide	
MARQUESAS IS: Hivaoa I: Atuona Valley: 2.4 km from sea 90 m VII.1929		
E. P. Mumford & A. M. Adamson		
1 slide (3M1b). The 2 specimens on slide 33M1b were the only ones which Jacot cited as cotypes in the original description. 2 additional specimens (slide 33M3, same locality) are also clearly labeled as cotypes, but were not indicated as such in the original description.		
<i>marquesana</i> Jacot, <i>Galumna hawaiiensis</i>	4 COTYPES	921
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 232 Fig. 3n	Slide	
MARQUESAS IS: Nukuhiva I: Teuanui: Tovii (Toovii) 606 m X.1929 E. P. Mumford &		
A. M. Adamson		
1 slide (33M2b)		
<i>marquesi</i> Jacot, <i>Zetes bryani</i>	7 COTYPES	918
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 231 Fig. 3k–m	Slide	
MARQUESAS IS: Hivaoa I: Atuona Valley: 2.4 km from sea 90 m VII.1929		
E. P. Mumford & A. M. Adamson		
Under rotting wood		
1 slide (33M1a)		
<i>matauuna</i> Jacot [FORM], <i>Zetes bryani marquesi</i>	2 COTYPES	919
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 231	Slide	
MARQUESAS IS: Hivaoa I: Matauuna 1180 m III.1930 E. P. Mumford & A. M.		
Adamson		
On ground under dead leaves		
1 slide (33M8a). The 2 specimens on this slide apparently represent the cotypes listed by Jacot in the original description. Although there is no clear indication of type status on the slide label, the label data fit that given in the publication and the name label reads “2 = <i>Zetes bryani marquesi matauuna</i> form nov.” However, the published slide # is 33M8, rather than 33M8a.		

<b>maximus</b> Hammer, <i>Parahypozeres</i>	HOLOTYPE	7931
1967 <i>Biol. Skr. Dan. Vid. Selsk.</i> 15(4): 14–15 Fig. 18	Slide	
NEW ZEALAND: South I: Arthur's Pass C. Mitchell		
Ex nest of <i>Nestor notabilis</i> (A)		
<b>meyeri</b> Wallwork, <i>Antarcticola</i>	HOLOTYPE	7101
1967 <i>Ant. Res. Series</i> 10: 113–117 Fig. 4–10	Fluid	
ANTARCTICA: Molodezhnaya I. 1965 G. Meyer (USARP)		
<b>muiri</b> Jacot, <i>Scheloribates</i>	55 COTYPES	858
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 53–56 Pl. 8, Fig. 69–70	Slides	
HAWAIIAN IS: Oahu I: Honolulu: Hawaiian Sugar Planters' Association Experiment		
Station R. H. Van Zwaluwenburg		
Soil samples from sugarcane fields		
2 slides (281V01, 281V04) with 31 and 24 cotypes each		
<b>mumfordi</b> Jacot, <i>Scheloribates (Paraschelobates)</i>	19 COTYPES	687
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 225–28 Fig. 2m–q; Fig. 3a–g	Slides	
MARQUESAS IS: Hivaoa I: Summit of Mt Ootua 909 m II.1930 E. P. Mumford &		
A. M. Adamson		
Under dead bark of <i>Reynoldsdia</i> sp.		
2 slides (33M18a, 33M18b) of 8 and 11 cotypes each		
<b>mutabilis</b> Aoki, <i>Dolicheremaeus</i>	HOLOTYPE	7505
1967 <i>Bull. Nat. Sci. Mus.</i> 10(3): 320 Fig. 29–38	Slide	
NEW GUINEA (NW): Star Mts: Sibil Valley 1250 m XI.1961 L. & S. Quate		
<b>nasalis</b> Sellnick, <i>Anoripoda</i>	HOLOTYPE	2216
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 133–35 Fig. 8	Slide	
SOCIETY IS: Raiatea I: Tetaro I X.1934 C. M. Cooke Jr & Y. Kondo (Mangarevan Exp., 1934)		
Berlese		
4 slides: BM-SO27a, dorsal; b, gnathosoma, leg II; c, leg II, 2 mandibles; d, leg I. Sex indicated as ♂ on all slide labels, as ♀ in original description.		
<b>nidicola</b> Hammer, <i>Globoppia</i>	HOLOTYPE	7932
1968 <i>Biol. Skr. Dan. Vid. Selsk.</i> 16(2): 27–28 Fig. 29	Slide	
NEW ZEALAND: South I: Greymouth II.1962 C. Mitchell		
From nest of <i>Puffinus griseus</i> (A)		
The label bears no indication of type status but fits the collection information given in the original publication and carries the Bishop Museum type number assigned to this species.		
<b>nidicola</b> Hammer, <i>Onychobates</i>	COTYPE ?	7930
1967 <i>Biol. Skr. Dan. Vid. Selsk.</i> 15(4): 24–25 Fig. 30	Slide	
NEW ZEALAND: South I: Arthur's Pass C. Mitchell		
Ex nest of <i>Gerygone igata</i> (A)		
1 slide. The author listed 4 specimens from the type locality without any indication of cotype status or designation of a holotype. Only 1 specimen is on this slide in Bishop collection, the label without any written indication of type status, but rimmed in red and reading "BISHOP 7930/Oribatidae/ <i>Onychobates nidicola</i> n. gen. n. sp./Arthur's Pass/Bishop Mus. Coll./M. Hammer/7930."		
<b>nukuhivae</b> Jacot, <i>Acronothrus</i>	HOLOTYPE ♀	680
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 218–20 Fig. 1e–g	Fluid	
MARQUESAS IS: Nukuhiva I: Tovii (Teovii): 3.2 km NE of Teuanui 850 m X.1929		
E. P. Mumford & A. M. Adamson		
On <i>Metrosideros collina</i>		
<b>nukuhivae</b> Jacot [FORM], <i>Scheloribates fimbriatus whitteni</i>	13 COTYPES	684
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 222–24 No fig.	Slide	
MARQUESAS IS: Nukuhiva I: Teuani: Tovii (Toovii) 606 m X.1929 E. P. Mumford &		
A. M. Adamson		
Under dead leaves		
1 slide (33M2a). 12 cotypes listed in original description; 13 specimens on this slide.		

<b>nukuhivensis</b> Jacot [FORM], <i>Scheloribates indicus marquesalis</i>	6 COTYPES	686
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 224–25 Fig. 2		Slide
MARQUESAS IS: Nukuhiva I: Teuanui: Tovii (Toovii) X.1929 E. P. Mumford &		
A. M. Adamson		
Under dead leaves		
1 slide (33M2c)		
<b>oahuensis</b> Jacot, <i>Scheloribates</i>	HOLOTYPE	860
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 57–58 Pl. 9, Fig. 80–82		Slide
HAWAIIAN IS: Oahu I: Honolulu: W slope of hill at head of Manoa Valley VII.1926		
A. P. Jacot		
Dead twigs beneath grass		
<b>oceanicus</b> Sellnick, <i>Nothrus</i>	HOLOTYPE	2209
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 110–12 Fig. 1		Slide
AUSTRAL IS (Tubuai Is): Raivavae I: Ahuovi Point VIII.1934 C. M. Cooke Jr,		
Y. Kondo, & D. Anderson (Mangarevan Exp., 1934)		
Berlesed from dead leaves		
<b>pacifica</b> Aoki, <i>Epilohmannia pallida</i>	HOLOTYPE ♀	3643
1965 <i>Pacif. Ins.</i> 7(2): 312–15 Fig. 4–9		Slide
HAWAIIAN IS: Laysan I XII.1963 N. Wilson		
Berlesed from roots of bunch grass		
<b>pacifica</b> Aoki, <i>Nesoribatula</i>	HOLOTYPE	3641
1964 <i>Pacif. Ins.</i> 6(4): 662–63 Fig. 23–25		Slide
HAWAIIAN IS: Laysan I XII.1963 N. Wilson		
From resting place of Wedge-tailed Shearwater [ <i>Puffinus pacificus chlororhynchus</i> ] (A)		
<b>acificus</b> Sellnick, <i>Styloribates</i>	HOLOTYPE	2218
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 138–40 Fig. 10		Slides
RAPA I: near Morongota VII.1934 C. M. Cooke, Jr, Y. Kondo & D. Anderson		
(Mangarevan Exp., 1934)		
From ground with landshells		
6 slides: BM-S32a, dorsal plate; b, venter; c, propodosoma; d, 2 mandibles, 2 halves of		
gnathosoma; e, legs I & II; f, legs III & IV.		
<b>papuensis</b> Aoki, <i>Dolicheremaeus</i>	HOLOTYPE	7503
1967 <i>Bull. Nat. Sci. Mus.</i> 10(3): 308–10 Fig. 2–9		Slide
NEW GUINEA (NW): Star Mts: Sibil Valley 1250 m XI.1961 L. & S. Quate		
<b>papuensis</b> Aoki, <i>Eutegaetus</i>	HOLOTYPE	3644
1964 <i>Pacif. Ins.</i> 7(2): 301–06 Fig. 1–11		Slide
NEW GUINEA (SE): Southern Highlands District: Mt Giluwe 4200 m V.1961 J. L. &		
M. K. Gressitt		
Berlesed from moss		
<b>pectinatus</b> Jacot, <i>Styloceratulus</i>	2 ♂♀ COTYPES	861
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 61–64 Pl. 10, Fig. 95–102		Slide
HAWAIIAN IS: Oahu I: Honolulu: Hawaiian Sugar Planters' Association Experiment		
Station R. H. Van Zwaluwenburg		
From soil samples in sugarcane fields		
2 slides of 1 cotype each		
<b>pembertoni</b> Jacot, <i>Protoschelobates</i>	4 COTYPES	856
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 47–49 Pl. 7, Fig. 58–60		Slide
HAWAIIAN IS: Hawaii I: Honokaa VII.1922 C. E. Pemberton		
On sugarcane roots		
1 slide (CGES07P)		
<b>pembertoni</b> Jacot, <i>Xyloribates</i>	HOLOTYPE	862
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 64–66 Pl. 10, Fig. 103–10		Slide
HAWAIIAN IS: Hawaii I: Honokaa XII.1922 C. E. Pemberton		
In minute, fresh hole in sugarcane root (6" deep)		

<b>pembertoni</b> Jacot, <i>Zetes australis</i>	4 ♀ COTYPES	864
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 70–73 Pl. 11, Fig. 111–17 HAWAIIAN IS: Hawaii I: Honokaa VII.1922 C. E. Pemberton On sugarcane stool underground 1 slide (SPES03P)	Slide	
<b>perkinsi</b> Jacot, <i>Calvoppia</i>	3 COTYPES	851
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 28–30 Pl. 4–5, Fig. 33–41 HAWAIIAN IS: [Hawaii I.] R. C. L. Perkins 2 slides (BBM 691P & BBM 199P). Bracketed locality information taken from original field notebooks of R. C. L. Perkins. Additional data listed as follows: 691P, Kilauea, VII.1895; 199P, Kona, "staphs from <i>Freycinetia</i> , 2,500 ft., IX.92."	Slides	
<b>perkinsi</b> Jacot, <i>Humerobates humeralis</i>	3 ♀ COTYPES	863
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 67 No fig. HAWAIIAN IS: [Hawaii I: Kona nearly 5000' 30.VI.1892] [From dead branches and trunks] 1 slide (BBM 531P). Bracketed information taken from original field notebooks of R. C. L. Perkins.	Slide	
<b>petronia</b> Wallwork, <i>Maudheimia</i>	3 ♂, 2 ♀ SYNTYPES	10,073
1962 <i>Pacif. Ins.</i> 4(4): 865–68 Fig. 1, 2 ANTARCTICA: E side of Hallett Glacier 300 m E. B. Fitzgerald From lichen growing on warm rock	Fluid	
<b>philippinensis</b> Aoki, <i>Dolicheremaeus</i>	HOLOTYPE	7504
1967 <i>Bull. Nat. Sci. Mus.</i> 10(3): 310 Fig. 10–17 PHILIPPINES: Mindanao I: Bukidnon: Mt Katanglad 1480 m X.1959 L. Quate & C. Yoshimoto Berlese	Slide	
<b>philippinensis</b> Aoki, <i>Otocepheus (Acrotocepheus)</i>	HOLOTYPE	6137
1965 <i>Bull. Nat. Sci. Mus.</i> 8(3): 298 Fig. 98–104 PHILIPPINES: Mindanao I X.1959 L. Quate & C. Yoshimoto	Slide	
<b>praetiosa</b> Sellnick, <i>Notogalumna</i>	HOLOTYPE	2215
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 130–32 Fig. 7 AUSTRAL IS (Tubuai Is): Raivavae I: S slope of Mt Turivao VIII.1934 W. G. Anderson (Mangarevan Exp., 1934) Berlese 4 slides: BM-SO22a, parts of body; b, gnathosoma, 2 mandibles; c, legs I, II, III, IV; d, genital and anal covers	Slides	
<b>quadricarinata</b> Sellnick, <i>Austrotritia</i>	HOLOTYPE	2221
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 144–46 Fig. 12 RAPA I: Mt Perahu 600 m VII.1934 R. F. Fosberg (Mangarevan Exp., 1934) Berlese 5 slides: BM-S040a, part of hysterosoma; b, 2 parts of hysterosoma, genital-anal shields; c, aspis; d, 2 mandibles; e, gnathosoma & legs.	Slide	
<b>quateorum</b> Aoki, <i>Otocepheus (Acrotocepheus)</i>	HOLOTYPE	6139
1965 <i>Bull. Nat. Sci. Mus.</i> 8(3): 280 Fig. 46, 47 NEW GUINEA (NW): Star Mts: Sibil Valley XI.1961 L. & S. Quate	Slide	
<b>rapaensis</b> Sellnick, <i>Phenopelops</i>	HOLOTYPE	2220
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 142–43 Fig. 11b–c RAPA I: Teutu I VII.1934 Y. Kondo (Mangarevan Exp., 1934) Berlese 5 slides: BM-SO39a, dorsal plate; b, venter; c, propodosoma; d, leg II; e, legs III, IV.	Slide	
<b>rigidiseta</b> Hammer, <i>Lancetoppia?</i>	HOLOTYPE	7934
1968 <i>Biol. Skr. Dan. Vid. Selsk.</i> 16(2): 47 Fig. 60 NEW ZEALAND: South I: Arthur's Pass I.1962 C. Mitchell From nest of <i>Nestor notabilis</i> (A)	Slide	

<b>runcifer</b> Sellnick, <i>Phyllonothrus</i>	HOLOTYPE	2210
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 2(9): 112–14 Fig. 2		Slide
AUSTRAL IS (Tubuai Is): Rurutu I: Bluff N of Moerai VIII.1934 C. M. Cooke, Jr		
(Mangarevan Exp., 1934)		
Berlesed from under stones		
<b>sandvicensis</b> Jacot, <i>Protoschelobates insularis</i>	2 COTYPES	854
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 41–44 Pl. 6, Fig. 46–50		Slide
HAWAIIAN IS: Hawaii I: Honokaa VII.1922 C. E. Pemberton		
From hole (1 mm diameter) in sugarcane stool underground		
1 slide (CGES06P)		
<b>scotiae</b> Wallwork, <i>Oppia</i>	HOLOTYPE	8845
1970 <i>Pacif. Ins. Monogr.</i> 23: 166–68 Fig. 7, 8		Fluid
SUBANTARCTIC IS: South Georgia I: Right Whale Bay I.1961 N. V. Jones		
Hand collection and from moss dryer		
<b>singularis</b> Sellnick, <i>Hoplophorella</i>	HOLOTYPE	2222
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 148–49 Fig. 13		Slides
LINE IS: Flint I X.1934 Y. Kondo & D. Anderson (Mangarevan Exp., 1934)		
Berlesed from under trash		
3 slides: BM-S044a, abdomen; b, genital-anal shields, aspis; c, legs, mandibles, gnathosoma.		
<b>sinuosus</b> Aoki, <i>Scapheremaeus</i>	HOLOTYPE	3637
1964 <i>Pacif. Ins.</i> 6(4): 469–52 Fig. 1–5		Slide
HAWAIIAN IS: Laysan I XII.1963 N. Wilson		
From roots of bunch grass		
<b>swezeyi</b> Jacot, <i>Galumna</i>	HOLOTYPES	867
1929 <i>Psyche</i> 35(4): 214 No Fig.		Slides
HAWAIIAN IS: Oahu I: Kuliouou III.1920 O. H. Swezey		
2 slides (SPES11S1, SPES11S2)		
<b>tahitiana</b> Jacot, <i>Indotritia lebronneci</i>	2 COTYPES	626
1935 <i>B. P. Bishop Mus. Bull.</i> 113: 114 Fig. 1g–l		Slides
SOCIETY IS: Tahiti I: Papenoo Valley: 11 km from sea 106 m (1 cotype); 8 km from		
sea 197 m (1 cotype) X.1928 A. M. Adamson		
2 slides (33M7, 33M11); specimens broken into fragments		
<b>tubuaiensis</b> Sellnick, <i>Scheloribates</i>	HOLOTYPE ♀	2217
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 135–37 Fig. 9		Slides
AUSTRAL IS: (Tubuai Is): Tubuai I: Mt Taita VIII.1934 D. Anderson (Mangarevan		
Exp., 1934)		
Berlesed from under dead leaves		
6 slides: BM-S028a, dorsal plate; b, venter; c, propodosoma; d, gnathosoma, mandibles;		
e, legs I & II, f, legs III & IV.		
<b>uapoui</b> Jacot, <i>Zetes bryani</i>	HOLOTYPE	920
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 232 No fig.		Slide
MARQUESAS IS: Uapou I: Hakahetau 606 m XII.1929 R. R. Whitten		
In dead fruits of <i>Aleurites moluccana</i>		
<b>uapoui</b> Jacot, <i>Scheloribates (Paraschelobates) mumfordi</i>	51 COTYPES	688
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 228 Fig. 3h		Slides
MARQUESAS IS: Uapou I: Kohepu (Kohapu) summit 973 m XI.1931 G. Le Bronnec		
Under dead bark of <i>Cheirodendron</i> sp.		
2 slides (33M10a, 33M10b) bearing 30 and 21 cotypes each		
<b>ultraciliata</b> Jacot, <i>Dameosoma</i>	5 ♂ ♀ COTYPES	848
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 19–23 Pl. 2, Fig. 16–22		Slides
HAWAIIAN IS: Oahu I: Honolulu: Hawaiian Sugar Planters' Association Experiment		
Station XI.1923 C. E. Pemberton		
In decaying sugarcane stool		
2 slides (CGES10Pa, CGES10Pb)		

<b>vanzwaluwenburgi</b> Jacot, <i>Protoschelobates</i>	10 COTYPES	855
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 44–47 Pl. 6, Fig. 51–57	Slide	
HAWAIIAN IS: Oahu I: Honolulu: Hawaiian Sugar Planters' Association Experiment		
Station R. H. Van Zwaluwenburg		
Soil samples from sugarcane fields		
1 slide (281V02)		
<b>verrucosa</b> Jacot, <i>Epilohmannia</i>	2 ♀ COTYPES	845
1934 <i>B. P. Bishop Mus. Bull.</i> 121: 6–9 Pl. 1, Fig. 1–6	Slide	
HAWAIIAN IS: Oahu I: Honolulu: Hawaiian Sugar Planters' Association Experiment		
Station R. H. Van Zwaluwenburg		
From soil in experimental plot		
1 slide (2618n1)		
<b>wakensis</b> Jacot, <i>Udetalioides hawaiensis</i>	3 COTYPES	846
1929 <i>Trans. Amer. Microsc. Soc.</i> 48(1): 35–36 Fig. 9	Slide	
MICRONESIA: Wake Atoll: Wake I VII.1923 E. H. Bryan, Jr (Tanager Exp., 1923)		
[on driftwood]		
1 slide (BBM 02B). Biotope information from original field notes of E. H. Bryan, Jr		
<b>wallworki</b> Aoki, <i>Dolicheremaeus</i>	HOLOTYPE	7506
1967 <i>Bull. Nat. Sci. Mus.</i> 10(3): 344 Fig. 66–70	Slide	
NEW GUINEA (NW): Star Mts: Sibil Valley 1250 m X.1961 L. & S. Quate		
Berlese		
<b>whitteni</b> Jacot, <i>Scheloribates fimbriatus</i>	3 COTYPES	682
1935 <i>B. P. Bishop Mus. Bull.</i> 114: 221–22 Fig. 1f, g	Slide	
MARQUESAS IS: Uapou I: Hakahetau 606 m XII.1929 R. R. Whitten		
In dead fruits of <i>Aleurites moluccana</i>		
1 slide (33M6)		
<b>wilsoni</b> Aoki, <i>Multioppia</i>	HOLOTYPE	3638
1964 <i>Pacif. Ins.</i> 6(4): 652–54 Fig. 6–8	Slide	
HAWAIIAN IS: Laysan I XII.1963 N. Wilson		
Biotope given in publication as "wedge-tailed shearwater resting place" and on slide label as "roots of bunch grass."		
<b>zimmermani</b> Sellnick, <i>Liodes</i>	HOLOTYPE	2211
1959 <i>B. P. Bishop Mus. Occ. Papers</i> 22(9): 116 Fig. 3d–f	Slides	
AUSTRAL IS: Marotiri Is (Bass Is): South East I VII.1922 E. C. Zimmerman & R. F. Fosberg (Mangarevan Exp., 1934)		
Berlese		
7 slides: BM-S003a, dorsal plate; b, venter; c, propodosoma; d, gnathosoma, mandibles; e, legs I & II; f, legs III & IV; g, lateral pieces of dorsal plate with gland.		

**TYPES REPORTEDLY DEPOSITED IN BISHOP MUSEUM  
PRESENT LOCATION UNCERTAIN**

**MESOSTIGMATA**

**SPINTURNICIDAE**

<b>queenslandicus</b> Prasad, <i>Spinturnix</i>	HOLOTYPE ♀ (no # assigned)
1969 <i>Proc. Ent. Soc. Wash.</i> 71(4): 577–79 Fig. 16–30	
AUSTRALIA: Northern Territory: Border Waterhole, N of Camooweal (Queensland)	
VIII.1967	
Ex <i>Chalinolobus gouldii venatoris</i> (M)	

**PROSTIGMATA**  
**TROMBICULIDAE**

<b>bhattipadensis</b> Joshee, <i>Trombicula</i>	LECTOTYPE larva (no # assigned)
1964 <i>Ind. J. Biol. Sci.</i> 7: 47 Fig. 5	
INDIA: Bombay: Bhandup area: Bhattipada X.1959	
Ex <i>Rattus rattus</i> (M)	
Note: This species was redescribed by Nadchatram & Joshee (1966) from a syntype series and, at that time, a specimen was designated as a holotype. This should be considered a lectotype, since no holotype designation was made in the original description.	
<b>indica</b> Nadchatram & Joshee, <i>Odontacarus</i>	HOLOTYPE larva (no # assigned)
1966 <i>Acarologia</i> 8(3): 446-48 Fig. 25-33	
INDIA: Bombay: Vihar Bhandup Hills I.1960 A. K. Joshee	
Ex <i>Hemidactylus brooki</i> (R)	
<b>kajutekrii</b> Joshee, <i>Trombicula</i>	LECTOTYPE larva (no # assigned)
1964 <i>Ind. J. Biol. Sci.</i> 7: 46 Fig. 4	
INDIA: Bombay: Kajutekari, Bhandup area XI.1959	
Ex <i>Rattus rattus</i> (M)	
See note under <i>T. bhattipadensis</i> above, which applies here.	
<b>multisetosa</b> Joshee, <i>Trombicula</i>	LECTOTYPE larva (no # assigned)
1964 <i>Ind. J. Med. Sci.</i> 7: 47 Fig. 6	
INDIA: Bombay: Bhandup area IX.1959	
Ex <i>Rattus rattus</i> (M)	
See note under <i>T. bhattipadensis</i> above, which applies here.	

HOLOTYPES TRANSFERRED TO OTHER INSTITUTIONS

PROSTIGMATA		
STIGMAEIDAE		
<b>campbellensis</b> Wood, <i>Stigmaeus</i>	HOLOTYPE ♀	8248
1970 <i>Acarologia</i> 12(4): 677-80 Fig. 1		Slide
SUBANTARCTIC IS: Campbell I: Perseverance Harbour: Lookout Bay II.1963		
K. A. J. Wise		
From leaf-mold under tussock		
Holotype now in National Museum of New Zealand (Dominion Museum).		
<b>longisetis</b> Wood, <i>Pseudostigmaeus</i>	HOLOTYPE ♀	8249
1970 <i>Acarologia</i> 12(4): 680-82 Fig. 2		Slide
SUBANTARCTIC IS: Campbell I: Beeman Hill 100-180 m XII.1961 J. L. Gressitt		
From yellow moss		
Holotype now in National Museum of New Zealand (Dominion Museum).		

GENUS-GROUP INVENTORY<sup>4</sup>

- Acaridae 31
- Acronothrus: nukuhivae 37; nukuhivae hivaoae 35
- Acrotocepheus: subg., see Otocepheus (Acrotocepheus)
- Alloceraea; subg., see Haemaphysalis (Alloceraea)
- Amblyseius: coniferus 15; eucalypterus 15; haleakalus 15; haramotoi 15; mauiensis 15; oahuensis 16; volcanus 16

- Ameroseiidae 11  
 Ameroseius: senarius 11; wilsoni 11  
 Amorphacarus: parvus 23  
 Ancystrupus: nakatae 20; palawanensis 20; rudnicki 20  
 Anoripoda: nasalis 37  
 Antarcticola: georgiae 34; meyeri 37  
 Apotomocepheus: gressitti 35  
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 Argasidae 21  
*Ascoschoengastia* (Laurentella): accola 25; elongotarsala 26; goilala 26; improcera 27;  
 indigena 27; libbymannae 27; lorentzimys 27; melanesiana 28; metatarsalis 28; modica 28  
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 Austrotritia: quadricarinata 39  
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*Bdelloides* (*Bdelloides*): georgianensis 22  
*Bdellodes* (*Hoploscirus*): gressitti 22; rhachia 22  
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*Caloglyphus*: introitus 31  
*Calvoppia*: perkinsi 39  
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 Ceratozetes: incurvus 35  
*Chiroptella* (*Chiroptella*): nocticola 29; sandoshami 29  
 Cocceupodes: breweri 22; shepardi 23  
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*Cotrombicula*: subg., see *Trombicula* (*Cotrombicula*)  
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 Dasyponyssidae 11  
 Davacarus: gressitti 15  
 Dermacarus: anisomysi 31; lorentzimysi 32  
*Digenualaea*: subg., see *Neotrombicula* (*Digenualaea*)  
*Dolicheremaeus*: mutabilis 37; papuensis 38; philippinensis 39; wallworki 41  
*Echinolaelaps*: subg., see *Laelaps* (*Echinolaelaps*)  
*Epilohmannia*: pallida pacifica 36; verrucosa 41  
*Ericotrombidium*: subg., see *Leptotrombidium* (*Ericotrombidium*)  
*Euphthiracarus* (*Indotritia*): bryani 33; hawaiiensis 35  
 Eupodes: alaskanensis 22; wisei 23  
 Eupodidae 22  
*Eutegaeus*: papuensis 38  
 Eviphidiidae 11  
*Gahrliepia* (*Walchia*): traubaudyi 30  
*Galumna*: hawaiensis 35; hawaiensis marquesana 36; swezeyi 40  
*Gamasellus*: gressitti 19  
*Gamasolaelaps*: arenosus 21  
*Globoppia*: intermedia longiseta 36; nidicola 37  
*Glyptholaspis*: gressitti 14  
*Guntherana*: minima 28; ornamentata 29; strandtmanni 30  
*Haemaphysalis* (*Alloceraea*): vietnamensis 21  
*Halozetes*: littoralis 36  
*Helenicula*: amicula 25; discalis 26; edibakeri 26; hirtipectoralis 27; longipoda 27; lukshumiae 28;  
 nepalensis 29; ungkomari 30; wagamiya 30  
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<sup>4</sup>Page numbers are provided in this inventory for each species-group name, since species-group entries are arranged systematically under higher categories in the main body of the catalog and not by a purely alphabetical system. Family names are also indexed.

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