

CATALOG OF ENTOMOLOGICAL TYPES IN THE BISHOP MUSEUM Mallophaga

By JoAnn M. Tenorio¹

Abstract: This catalog lists the holotypes of 66 species and allotypes of 18 species of Mallophaga deposited in the Bishop Museum. Locality data are provided, as are corrected or confirmed host identifications, for many of the types.

The Mallophaga collection in the Bishop Museum contains approximately 500 named species identified by specialists, preserved on some 6000 slides and in alcohol. The actual number of identified specimens is many more than would be indicated by the number of slides because of the practice of mounting a specimen of each sex side by side on the same slide. Much additional material is identified only to generic level. The bulk of the collection derives from New Guinea and the Solomons, the Pacific Basin, and the Oriental Region. Particularly extensive collections from New Guinea are still being studied and a large collection of Philippine Mallophaga is virtually unworked.

This catalog includes holotypes and allotypes of all species actually or reportedly deposited in the Bishop Museum. The type collection comprises holotypes of 66 species, with allotypes associated with 18 of these. Paratypes are not included herein; the collection houses paratypes of more than 75 species. Approximately 72% of the primary types are from New Guinea and the Solomons.

The format follows that outlined in the Introduction to the Bishop Museum Entomological Type Catalog by Radovsky et al. (1976). Names are listed as originally published and are entered alphabetically under families, also arranged in alphabetical order.

Locality and host information published in the original louse description has been supplemented with additional information where available. This was possible in many cases where hosts are deposited in Bishop. The most complete available collection data are listed on host catalog cards and, for the most part, locality data are added or corrected from that source. Information appearing in brackets [] herein was added by me and did not appear in the original description of the louse species.

The section on Host Information in Tenorio (1976) described background, parasite collections, problems with field identifications of vertebrate hosts and other points relevant also to the Mallophaga Catalog. Only the essential points are repeated here.

Hosts are given for each louse species and all host identifications are followed by the type host specimen number, where known. Host numbers prefixed by BBM or BM (usually followed by a geographic coding, as BBM-NG, signifying a Bishop New Guinea collection)

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are deposited in the Bishop Museum, unless otherwise stated. For hosts not deposited in Bishop or donated by Bishop to other institutions, the depository museum and presently assigned catalog number are listed when definitely known.

Since unconfirmed field identifications have occasionally appeared in the literature without qualification, we have attempted to secure confirmation of host identifications given in original parasite descriptions. This has been possible primarily for host specimens previously or currently deposited in Bishop and for hosts for which we have been provided identifications by other depositories.

A host identification verified to be correct as published in the original louse description is followed by a plus (+). If the currently accepted generic name of the host differs from that used in the original parasite description, this is indicated. A corrected host identification is denoted with an asterisk (*). The original as well as corrected names are given. Host names not accompanied by these symbols or otherwise qualified are cited as in original parasite description without any endorsement of their validity.

If it is stated in our records or can be inferred from field data sheets that the host specimen was not saved by the field collector, this information is provided. Where hosts were discarded in the field and, therefore, never available for identification by a vertebrate zoologist, taxonomic judgments of host identity may be stated, based on best available information (see Tenorio 1976).

Host names follow the most recent vertebrate works available.

Abbreviations for host depositories are AMNH=American Museum of Natural History; USNM=U. S. National Museum of Natural History; SU=Silliman University, Philippines; PNGM=Papua New Guinea Museum; KU=University of Kansas Museum of Natural History.

Host confirmations, corrections and other information relevant to vertebrate host specimens were provided by Dr Alan C. Ziegler, Vertebrate Zoologist, Bishop Museum.

SPECIES-GROUP ENTRIES

Family BOOPIDAE

- | | | |
|--|------------|-------|
| alatus von Kelér, Heterodoxus | HOLOTYPE ♂ | 9341 |
| 1971 <i>Aust. J. Zool. Suppl. Ser. 6</i> : 51-52 Fig. 30-33, 115 K, 116 T, 121, 122 | | slide |
| NEW GUINEA (SW): Merauke R. 5.II.1960 T. C. Maa | | |
| Ex <i>Thylogale bruni</i> , TMP 2206. No record of this T. C. Maa collector's number at Bishop. | | |
| doriana von Kelér, Boopia | HOLOTYPE ♂ | 9340 |
| 1971 <i>Aust. J. Zool. Suppl. Ser. 6</i> : 24-25 No fig. | | slide |
| NEW GUINEA (NE): Morobe Distr: Bulldog Road [2438m] 11.VIII.1963 H. Clissold | | |
| Ex <i>Dendrolagus dorianus</i> ⁺ , BBM-NG 28901 | | |
| On slide with another specimen, presumably paratype ♀. | | |
| emersoni Clay, Boopia | HOLOTYPE ♂ | 9616 |
| 1972 <i>Pac. Insects 14</i> (2): 399-401 Fig. 1-9 | | slide |
| NEW GUINEA (NE): West Sepik Distr: Star Mts [3200+m] 17.III.1970 [A. B. Mirza] | | |
| Ex <i>Dasyurus albopunctatus</i> ⁺ , BBM-NG 98612 (as <i>Satanellus albopunctatus</i>) | | |

- keleri** Clay, **Heterodoxus** HOLOTYPE ♂ 9004
 1971 *Pac. Insects* 13(3-4): 524-26 Fig. 6-10, 12-14, 16-18
 NEW GUINEA (NE): [Morobe Distr]: Huon Penin: [32 km] SW of Kabwum: Saruwaged Range
 [2980 m] 31.VII.1966 O. Wilkes [& R. M. Mitchell]
 Ex *Dorcopsis vanheurni*⁺, BBM-NG 52613 (as *D. vanheurni rothschildi*). On slide with a ♀
 specimen.
- maai** Emerson, **Heterodoxus** HOLOTYPE ♂ 6585
 1962 *Proc. Entomol. Soc. Wash.* 64(4): 240-41 Fig. 1-3
 NEW GUINEA (SW): Eramboe [100 km upstream from Merauke 20 m] 2.XI.1960 T. C. Maa
 Ex *Dorcopsis veterum* (#193156 in AMNH)
 ALLOTYPE, same data.
- Family MENOPONIDAE
- abdit**a Clay & Price, **Cavifera** HOLOTYPE ♀ 8865
 1970 *Zool. J. Linn. Soc.* 49(4): 337-41 Pl. 1, Fig. 1-11
 NEW GUINEA (NW): Archbold Lake [760 m] 29.XI.1961 L. [& S.] Quate
 BM-NG 439. Host specimen apparently not saved by field collector; no field identification in Bishop
 records. Probably unidentified bird.
 Paratype ♂ on same slide.
- aepy**odi Price & Emerson, **Kelerimenopon** (Kelerimenopon) HOLOTYPE ♂ 6786
 1966 *Pac. Insects* 8(2): 353 Fig. 3, 10, 19
 NEW GUINEA (NE): Morobe Distr: Wau: Mt Missim 6.X.1962 H. Clissold
 Ex *Aepyodius arfakianus*⁺, BBM-NG 20641 (now in KU, KU# 43456)
- aterr**imi Price & Beer, **Franciscocola** HOLOTYPE ♀ 6902
 1966 *Pac. Insects* 8(3): 638-39 Fig. 1-4
 NEW GUINEA (SE): [Western Distr]: Balimo [3.IV.1964] [9 m] H. Clissold
 Ex *Probosciger aterrimus*, BBM-NG 50471. Host specimen not saved by field collector.
- beeri** Price, **Eomenopon** HOLOTYPE ♀ 6653
 1966 *Pac. Insects* 8(1): 23 Fig. 16, 22, 31
 NEW GUINEA (SE): [Northern Distr]: Popondetta [60 m] 7.IX.1963 P. Shanahan
 Ex *Domicella lory*, BBM-NG 28701. Host specimen missing, possibly not saved by field collector.
- cardinalis** Price, **Eomenopon** HOLOTYPE ♀ 6652
 1966 *Pac. Insects* 8(1): 22-23 Fig. 19, 27
 SOLOMON IS: Florida I: Haleta [±10 m] 14.X.1964 P. Shanahan
 Ex *Eos cardinalis*, BBM-BSIP 24462 (as *Chalcopsitta cardinalis*). Host specimen not saved by field
 collector.
 Paratype ♂ on same slide. Date 1962 in original description incorrect.
- chlorocerci** Price, **Eomenopon** HOLOTYPE ♀ 6654
 1966 *Pac. Insects* 8(1): 23 Fig. 26
 SOLOMON IS: Malaita I: Ata'a [±30 m] 19.VIII.1964 P. Shanahan
 Ex *Lorius chlorocercus*⁺, BBM-BSIP 24197 (as *Domicella chlorocercus*)
- claya**c, Price & Emerson, **Kelerimenopon** (Kelerimenopon) HOLOTYPE ♀ 6787
 1966 *Pac. Insects* 8(2): 355 Fig. 5, 7, 25
 NEW GUINEA (NE): [Morobe Distr: Wau:] Mt Missim 6.X.1962 H. Clissold
 Ex *Aepyodius arfakianus*⁺, BBM-NG 20641 (in KU, #43456)

- clissoldi** Price, **Eomenopon** HOLOTYPE ♀ 6657
 1966 *Pac. Insects* 8(1): 26-27 Fig. 9, 17, 25, 29, 34
 NEW GUINEA (SE): Coviak [1067 m] 24.II.1963 H. Clissold
 Ex *Charmosyna papou*⁺, BBM-NG 20322
 Paratype ♂ on same slide.
- erythropteri** Price, **Franciscoloa (Franciscoloa)** HOLOTYPE ♂ 7465
 1967 *Pac. Insects* 9(3): 512-14 Fig. 1-4
 NEW GUINEA (SE): [Western Distr]: Weam [12 m] 29.V.1964 H. Clissold
 Ex *Aprosmictus erythropterus*⁺, BBM-NG 50765
 Paratype ♂ on same slide.
- fuscatae** Price, **Pacifimenopon** HOLOTYPE ♂ 7006
 1966 *Pac. Insects* 8(4): 833 Fig. 9, 13
 NEW GUINEA (NE): [Morobe Distr]: Finschhafen [16.IV.1963] H. Clissold
 Ex *Pseudeos fuscata*, BBM-NG 27700. Host specimen not saved by field collector.
- fuscirostris** Price & Emerson, **Kelerimenopon (Kelerimenopon)** HOLOTYPE ♀ 6788
 1966 *Pac. Insects* 8(2): 355-57 Fig. 8, 16, 17, 21, 22
 NEW GUINEA (SE): [Western Distr]: Balimo [9 m] 14.III.1964 H. Clissold
 Ex *Talegalla fuscirostris*⁺, BBM-NG 50201
- galeritae** Price & Emerson, **Kelerimenopon (Lorimenopon)** HOLOTYPE ♂ 6789
 1966 *Pac. Insects* 8(2): 358 Fig. 14, 23
 NEW GUINEA (NE): [Western Distr]: Tegona [9 m] 7.IV.1964 H. Clissold
 Ex *Probosciger aterrimus*^{*}, BBM-NG 50498. Host specimen 50498 was not saved by field collector but was indicated as being the same as host 50189, which was saved and identified as *Probosciger aterrimus*. Host 50498 was almost certainly also *P. aterrimus*, not *Cacatua galerita* as given in original description.
 The paratypes of *K. galeritae* were said in original description to be all off *C. galerita*. Rechecking of the hosts listed reveals that the paratypes were taken from both *C. galerita* and *P. aterrimus*.
- geoffroyi** Price & Emerson, **Kelerimenopon (Lorimenopon)** HOLOTYPE ♂ 6790
 1966 *Pac. Insects* 8(2): 359-60 Fig. 15, 26
 NEW GUINEA (SE): Western Distr: Oriomo R. [6 m] 19.II.1964 H. Clissold
 Ex *Geoffroyus geoffroyi*⁺, BBM-NG 29588
- gressitti** Price, **Pacifimenopon** HOLOTYPE ♂ 7004
 1966 *Pac. Insects* 8(4): 829-31 Fig. 7, 11
 NEW GUINEA (SE): [Northern Distr]: Ahola [vic. Popondetta] [46 m] [8.X.1963] H. Clissold
 Ex *Domicella lory*, BBM-NG 29905. Specimen not saved by field collector.
 Paratype ♂ on same slide.
- hodsoni** Price, **Franciscoloa (Cacamenopon)** HOLOTYPE ♂ 7466
 1967 *Pac. Insects* 9(3): 514-16 Fig. 7-11
 SOLOMON IS: Santa Isabel I: Boala ±20 m 18.VIII.1964 P. Shanahan
 Ex *Cacatua ducorpsi*⁺, BBM-BSIP 24237
 Paratype ♂ on same slide.

- insularis** Klockenhoff, **Myrsidea cecicae** HOLOTYPE ♀ 10,204
 1972 *Bonn. Zool. Beitr.* 23: 257-58 slide
 BISMARCK ARCHIPELAGO: New Britain I: Gaulim 27.X.1962 H. Clissold
 Ex *Corvus orru*⁺, BBM-NG 20691
 Paratype ♂ on same slide.
- irianensis** Price & Emerson, **Quateia** HOLOTYPE ♂ 10,217
 1975 *Pac. Insects* 16(4): 432 Fig. 7-9 slide
 NEW GUINEA (NW): Archbold Lake [760 m] 29.XI.1961 L. [& S.] Quate
 No host data, BM-NG 439. See comments under *Cavifera abdita*.
 ALLOTYPE, same data, on same slide.
- javensis** Price, **Colpocephalum** HOLOTYPE ♀ 10,362
 1966 *Can. Entomol.* 98: 319 Fig. 10 slide
 THAILAND: [Muang Distr]: Trang: Muang: Chong: Khao Chong Mt 16.VII.1963 W.
 Songprakob & W. S. Laong
 Ex *Dryocopus javensis*⁺, BBM-TH 35385 (as *D. j. javensis*)
 Paratype ♂ and ♀ on same slide.
- kimi** Price, **Franciscoloa (Cacamenopon)** HOLOTYPE ♂ 7467
 1967 *Pac. Insects* 9(3): 516-17 Fig. 5, 6, 12, 13 slide
 SOLOMON IS: [Malaita I: Dala ±20 m 3.VII.1964 P. Shanahan]
 Ex *Cacatua ducorpsi*, BBM-BSIP 24110. Host specimen apparently not saved; identification
 probably correct.
 Paratype ♂ on same slide.
- lehmensicki** Klockenhoff, **Myrsidea** HOLOTYPE ♀ 10,366
 1971 *Bonn. Zool. Beitr.* 22(1-2): 137-39 Fig. 2, 6, 8 slide
 PHILIPPINES: Palawan I: Brookes Point: [Macagua] 30.III.1962 M. C. Thompson
 Ex *Corvus enca*, BBM-PI 762. Host specimen not in Bishop; if saved by collector possibly now at
 USNM, AMNH, SU or Yale Peabody Museum.
 A ♂ specimen (paratype ?) on same slide.
- mirzai** Price, **Eomenopon** HOLOTYPE ♂ 9489
 1972 *Pac. Insects* 14(1): 23-25 Fig. 1, 2 slide
 NEW GUINEA (NE): West Sepik Distr: NE of Telefomin [2438 m] 31.I.1970 A. B. Mirza
 Ex *Charmosyna wilhelminae*⁺, BBM-NG 98378
 Paratype ♀ on same slide.
- nelsoni** Price, **Pacifimenopon** HOLOTYPE ♂ 7003
 1966 *Pac. Insects* 8(4): 829 Fig. 1-6 slide
 SOLOMON IS: Santa Isabel I: Boala [±20 m] 17.VIII.1964 P. Shanahan
 Ex *Eos cardinalis*⁺, BBM-BSIP 24232 (as *Chalcopsitta cardinalis*)
 Paratype ♀ on same slide.
- novabritannica** Klockenhoff, **Myrsidea** HOLOTYPE ♀ 10,205
 1972 *Bonn. Zool. Beitr.* 23: 263-65 Fig. 9, 10 slide
 BISMARCK ARCHIPELAGO: New Britain I: Taliligap 22.X.1962 H. Clissold
 Ex *Corvus orru*⁺, BBM-NG 20675
 Paratype ♂ on same slide.

- pectinata** Clay, **Myrsidea** HOLOTYPE ♀ 6905
 1965 *Proc. R. Entomol. Soc. London, Ser. B* 34(9-10): 117-18 Pl. I, Fig. 1-6; text fig. 1-5
 NEW GUINEA (NW): [Hollandia Distr: Star Mts]: Sibil Valley [1250 m] 31. X. 1961 L. [& S.] Quate
 Ex *Malurus alboscapulatus*, BM-NG 218. Host specimen apparently not saved by field collector.
 Paratype ♂ on slide with holotype; ALLOTYPE ♀, same data.
- phasianini** Price, **Colpocephalum** HOLOTYPE ♂ 7723
 1968 *Ann. Entomol. Soc. Am.* 61(4): 818-19 Fig. 5, 6 slide
 NEW GUINEA (SE): [Western Distr]: Balimo [9 m] 25.III.1964 H. Clissold
 Ex *Centropus phasianinus*+, BBM-NG 50355. Host specimen in PNGM; present PNGM catalog # unknown.
 Paratype ♀ on same slide.
- placentis** Price, **Eomenopon** HOLOTYPE ♀ 6658
 1966 *Pac. Insects* 8(1): 27 Fig. 23 slide
 NEW GUINEA (SE): [Western Distr]: Oriomo R. [6 m] 16.II.1964 H. Clissold
 Ex *Charmosyna placentis*+, BBM-NG 29538
- puffinus** Thompson, **Longimenopon** HOLOTYPE ♀ 2196
 1948 *Occ. Pap. Bishop Mus.* 19(9): 197-99 Fig. 1a-d slide
 HAWAIIAN IS: Laysan I 13.IV.1923 Tanager Expedition
 Ex *Puffinus pacificus cuneatus*
 ALLOTYPE, same data, with notation "figured."
- pulchellae** Price, **Eomenopon** HOLOTYPE ♂ 9490
 1972 *Pac. Insects* 14(1): 25 Fig. 3 slide
 NEW GUINEA (NE): West Sepik Distr: NE of Telefomin [2438 m] 31.I.1970 A. B. Mirza
 Ex *Charmosyna pulchella*+, BBM-NG 98374
 Paratype ♀ on same slide.
- pulverulenti** Price, **Colpocephalum** HOLOTYPE ♂ 6701
 1964 *J. New York Entomol. Soc.* 72: 166-67 Fig. 7-8 slide
 PHILIPPINES: Balabac I: [Dalawan Bay: Minagas Point] 29.IV.1962 M. C. Thompson
 Ex *Mulleripicus pulverulentus*, BBM-PI 2831. Host specimen not deposited in Bishop; if saved by collector, possibly at USNM, KU, AMNH, SU or Yale Peabody Museum.
 ALLOTYPE, same data, on same slide.
- quatei** Price, **Kurodaia** HOLOTYPE ♀ 7161
 1967 *J. Med. Entomol.* 4(3): 319-21 Fig. 4-6 slide
 NEW GUINEA (NW): [West N. G. Distr]: Vogelkop: [Kebar Val 550] 21.I.1962 L. [& S.] Quate
 [& R. Versteegh]
 Ex *Accipiter novaehollandiae*+, BM-NG 813
 Paratype ♂ on same slide.
- raggiana**e Price & Emerson, **Machaerilaemus** HOLOTYPE ♀ 6702
 1965 *Entomol. News* 76(10): 275-77 Fig. 1-4 slide
 NEW GUINEA (NE): Morobe Distr: Mt Missim 25.IX.1962 [H. Clissold]
 Ex *Paradisaea raggiana*+, BBM-NG 20609 (as *P. apoda raggiana*). In USNM, their identification=*P. raggiana*: AMNH #487356.
 Paratype ♂ on same slide.

- ralliculae** Price, **Pseudomenopon** HOLOTYPE ♂ 10,203
 1974 *Ann. Entomol. Soc. Am.* 67(1): 80-81 Fig. 9, 31
 NEW GUINEA (NE): West Sepik Distr: Lake Louise: [NW of Telefomin 2591 m] 15.II.1970 [A. B. Mirza]
 Ex *Rallicula rubra**, BBM-NG 98447. Given as *Rallicula leucospila forbesi* in original description.
 Paratype ♀ on same slide.
- rorati** Price & Beer, **Franciscolea** HOLOTYPE ♂ 6904
 1966 *Pac. Insects* 8(3): 646 Fig. 22, 25, 26
 BISMARCK ARCHIPELAGO: New Britain: Gaulim [122 m] 26.X.1962 H. Clissold
 Ex *Larius roratus*+, BBM-NG 20681 (in USNM, #487289; USNM identification=*Larius roratus*).
 Generic name given as *Lorius* in original description.
- ryani** Price, **Eomenopon** HOLOTYPE ♂ 8238
 1969 *Pac. Insects* 11(3-4): 763-64 Fig. 6, 9-12
 PHILIPPINES: Mindanao I: Cotabato: Tupi: Kablon: Mt Matutum 1128-1676 m 16.VI.1966
 N. Wilson
 Ex *Trichoglossus johnstoniae*, Silliman University field no. 2582. Host specimen not in Bishop.
 Altitude given in original description is in feet, not meters.
- shanahani** Price, **Pacifimenopon** HOLOTYPE ♂ 7005
 1966 *Pac. Insects* 8(4): 831-33 Fig. 8, 10, 12
 NEW GUINEA (NE): [Western Highlands Distr]: Kawongu [2438 m] [17.VI.1963] H. Clissold
 Ex *Charmosyna papou*+, BBM-NG 28148
- sintillatae** Price, **Eomenopon** HOLOTYPE ♀ 6656
 1966 *Pac. Insects* 8(1): 24-26 Fig. 14, 21
 NEW GUINEA (SE): [Western Distr]: Oriomo [5-10 m] 12.II.1964 H. Clissold
 Ex *Chalcopsitta scintillata*+, BBM-NG 29475. Host specimen in PNGM; present PNGM #
 unknown.
 Paratype ♂ on same slide.
- thompsoni** Price & Beer, **Franciscolea** HOLOTYPE ♂ 6903
 1966 *Pac. Insects* 8(3): 641 Fig. 13, 14
 PHILIPPINES: Balabac I: [Minagas Point: Dalawan Bay] 22.IV.1962 M. C. Thompson
 Ex *Cacatua haematuropygia*+, BBM-PI 2594 (as *Kakatoe*)
 Paratype ♀ on same slide.
- thompsoni** Emerson & Stojanovich, **Kelerimenopon** HOLOTYPE ♂ 6588
 1965 *Fl. Entomol.* 48(2): 117-18 Fig. 1-3
 PHILIPPINES: Balabac I: [Minagas Point: Dalawan Bay] 19.IV.1962 M. C. Thompson
 Ex *Pitta sordida*, BBM-PI 2508. Host specimen not deposited in Bishop. If saved by collector,
 possibly at USNM, KU, AMNH, SU or Yale Peabody Museum.
 ALLOTYPE, same data, on same slide.
- wilsoni** Price, **Eomenopon** HOLOTYPE ♀ 6655
 1966 *Pac. Insects* 8(1): 24 Fig. 10, 12
 NEW GUINEA (NE): Morobe Distr: Finschhafen 15.IV.1963 [P. Shanahan]
 Ex *Psittaculirostris salvadori edwardsii*, BBM-NG 27688. Host specimen not saved by field collector.
 Paratype ♀ on same slide. H. Clissold incorrectly given as collector in original description.

Family PHILOPTERIDAE

- cedemajori** Timmermann, **Quadriceps assimilis** HOLOTYPE ♂ 8818
 1969 *Bonn. Zool. Beitr.* 20(1-3): 250-51 Fig. 6b slide
 SUBANTARCTIC IS: Auckland Is: Enderby I 17.I.1963 Gressitt & Wise
 Ex *Charadrius (Nesoceryx) bicinctus*
 ALLOTYPE on same slide.
- copei** Timmermann, **Harrisoniella** HOLOTYPE ♂ 8864
 1969 *Bonn. Zool. Beitr.* 20(1-3): 247-48 Fig. 2-3 slide
 HAWAIIAN IS: Midway Atoll 30.I.1964 N. Wilson
 Ex *Diomedea nigripes*. Host specimen not in Bishop, possibly not saved by field collector; apparently no Bishop catalog number ever assigned.
- exiguus** Timmermann, **Docophoroides niethammeri** HOLOTYPE ♂ 8863
 1969 *Bonn. Zool. Beitr.* 20(1-3): 246-47 No. fig. slide
 HAWAIIAN IS: Midway Atoll: Sand I 14.I.1960 Clagg & Einmo
 Ex *Diomedea immutabilis*. Host specimen not in Bishop, possibly not saved by collector; apparently no Bishop catalog number ever assigned.
 ALLOTYPE, same data, on same slide.
- galataeae** Emerson & Price, **Emersoniella** HOLOTYPE ♂ 11,037
 1978 *Pac. Insects* 19(1-2): 106 Fig. 1-3 slide
 NEW GUINEA (NE): Madang Distr: 18 km NNE Wanuma ±200 m 31.III.1974 A. B. Mirza
 Ex *Tanysoptera galataea* +, BBM-NG 104432
 ALLOTYPE on same slide.
- gressitti** Clay, **Austrogoniodes** HOLOTYPE ♂ 7111
 1967 *Antarct. Res. Ser.* 10: 150 Fig. 3, 5, 7, 10, 21 slide
 SUBANTARCTIC IS: South Georgia Is: [Bird I] 17.V.1963 H. B. Clagg
 Ex *Pygoscelis papua papua*
 Date 5.XI. on type slide.
- maculatus** Emerson, **Rallicola** HOLOTYPE ♂ 6110
 1966 *J. Med. Entomol.* 3(3-4): 336-37 No fig. slide
 NEW GUINEA (SE): [Western Distr]: Oriomo R. [6 m] 2.II.1964 H. Clissold
 Ex *Megacrex inepta* +, BBM-NG 29382
 ALLOTYPE, same data, on same slide.
- nakatae** Emerson & Price, **Megapodiella** HOLOTYPE ♂ 9508
 1972 *Pac. Insects* 14(1): 78 Fig. 1-3 slide
 NEW GUINEA (NE): Morobe Distr: Mt Kemp: [NE of Garaina 1524 m] 30.XI.1969 [A. B. Mirza]
 Ex *Aepyodius arfakianus* +, BBM-NG 98025 (now in Wau Ecology Institute).
 ALLOTYPE, same data, on same slide.
- neoguineensis** Tendeiro, **Alcedoffula** HOLOTYPE ♂ 8882
 1967 *Rev. Estud. Gerais, Univ. Moçambique* 4(4): 236 Fig. 25-27, 51 slide
 NEW GUINEA (NW): West N. G. Distr: Vogelkop: [Kebbar Val: Senopi (?)] 550 m 29.I.1962]
 L. [& S.] Quate
 Ex *Ceyx lepidus* +, BM-NG 878
 ALLOTYPE, same data, on same slide.

- niethermeri** Timmermann, **Docophoroides** HOLOTYPE ♂ 8862
 1969 *Bonn. Zool. Beitr.* 20(1-3): 245-46 Fig. 1b
 HAWAIIAN IS: Midway Atoll: Sand I 10.I.1960 Clagg & Einmo
 Ex *Diomedea nigripes*. See comments under *D. n. exiguus*, above.
 ALLOTYPE, same data, on same slide.
- papuensis** Emerson & Price, **Podargocus** HOLOTYPE ♂ 975
 1966 *Proc. Entomol. Soc. Wash.* 68(3): 225 Fig. 1-3
 NEW GUINEA (NE): Morobe Distr: Wau Creek [1067 m] 22.III.1963 P. Shanahan
 Ex *Podargus papuensis**, BBM-NG 27517
 ALLOTYPE, same data, on same slide.
- quatei** Elbel & Price, **Degeeriella** HOLOTYPE ♂ 9838
 1973 *Pac. Insects* 15(1): 95-97 Fig. 1, 2, 6, 7
 NEW GUINEA (NW): [Hollandia Distr]: Sibil Valley: Star Mts [1250 m] 29.X.1961 L. [& S.]
 Quate
 Ex *Henicoperis longicauda longicauda**, BM-NG 209 (in AMNH preserved as alcoholic specimen,
 with no AMNH#; AMNH identification as above).
 Paratype ♀ on same slide.
- regis** Emerson & Price, **Emersoniella** HOLOTYPE ♂ 11,038
 1978 *Pac. Insects* 19(1-2): 106, 108 Fig. 4, 5
 NEW GUINEA (NE): E. Sepik Distr: 48 km WSW Dagua Rd (as measured from 8 km turning point
 from Wewak) ±20 m 23.X.1972 A. B. Mirza
 Ex *Clytoceyx rex**, BBM-NG 101671
 ALLOTYPE on same slide.
- sinensis** Somadder & Tandan, **Cuculicola** HOLOTYPE ♂ 8860
 1970 *J. Med. Entomol.* 7(3): 357-61 Fig. 1-4, 6-9
 PHILIPPINES: Balabac I: [Dalawan Bay: Minagas Point] 30.IV.1962 M. C. Thompson
 Ex *Centropus sinensis**, BBM-PI 2891
 Paratype ♀ on same slide.
- tabuensis** Emerson, **Rallicola** HOLOTYPE ♂ 6109
 1966 *J. Med. Entomol.* 3(3-4): 336 Fig. 1
 NEW GUINEA (NW): [West N. G. Distr]: Vogelkop: [Kebar Val 550 m] 16.I.1962 L. [& S.]
 Quate [& R. Versteegh]
 Ex *Porzana tabuensis tabuensis**, BM-NG 753-754. There is a mistake in citing the host catalog
 numbers in the original description, i.e., 735-754. The numbers are correctly given on type slide
 as 753-54. These 2 host specimens are in AMNH; AMNH identification for both is *Porzana*
tabuensis tabuensis (AMNH #766516 and 766515, resp.) Subspecies of host given as *P. t. im-*
maculata in original description.
 ALLOTYPE on same slide.
- theresae** Timmermann, **Halipeurus** HOLOTYPE ♂ 8861
 1969 *Bonn. Zool. Beitr.* 20(1-3): 249-50 Fig. 4-5
 HAWAIIAN IS: Laysan I 7.XII.1963 N. Wilson
 Ex *Pterodroma hypoleuca hypoleuca*. Host specimen not in Bishop; apparently no catalog number
 ever assigned.
 ALLOTYPE, same data, on same slide.

- thompsoni** Elbel, **Buceronirmus** HOLOTYPE ♂ 10,657
 1977 *Pac. Insects* 17(4): 415-17 Fig. 2, 5-8 slide
 NEW GUINEA (NW): West N. G. Distr: Vogelkop: Kebar Valley: Senopi 550 m 4-31.I.1962
 L. & S. Quate & R. Versteegh
 Ex *Aceros plicatus*+, BM-NG 832, 833 (as *Rhyticeros*)
 ALLOTYPE, same data, on same slide.

Family RICINIDAE

- clayae** Rheinwald, **Ricinus** HOLOTYPE ♂ 6961
 1968 *Mitt. Hamb. Zool. Mus. Inst.* 65: 257-60 Fig. 20a-f slide
 NEW GUINEA (NE): Morobe Distr: Wau [1200 m] 2.XI.1961 J. Sedlacek
 Ex *Diphyllodes magnificus*+, BBM-NG 56148 (in USNM, present # USNM 487354; USNM
 identification as above).
- gibbus** Rheinwald, **Ricinus** HOLOTYPE ♀ 6962
 1968 *Mitt. Hamb. Zool. Mus. Inst.* 65: 250-52 Fig. 17a-e slide
 PHILIPPINES: Palawan I: Brookes Point: [Macagua] 30.III.1962 M. C. Thompson
 Ex *Dicaeum pygmaeum palawanorum*, BBM-PI 717. Host specimen not in Bishop; if saved by field
 collector, possibly now at USNM, Yale Peabody Museum, KU, AMNH, or SU.
- sorus** Rheinwald, **Ricinus** HOLOTYPE ♂ 6964
 1968 *Mitt. Hamb. Zool. Mus. Inst.* 65: 252-54 Fig. 18a-e slide
 NEW GUINEA (NW): [Hollandia Distr: 40 km N] Baliem Val: [Bokondini] 17.XI.1961 L. [& S.]
 Quate
 Ex *Meliphaga* sp.+, BM-NG 364. Host specimen in AMNH preserved as alcohol specimen, with no
 AMNH #; AMNH identification, *Meliphaga* sp.
- vagus** Rheinwald, **Ricinus** HOLOTYPE ♀ 6965
 1968 *Mitt. Hamb. Zool. Mus. Inst.* 65: 282-84 Fig. 28a-e slide
 PHILIPPINES: Napangdan: Mt Malindang [no date given] Rabor & Gonzales
 Ex *Pachycephala philippensis apoensis*

Family TRICHODECTIDAE

- philippinensis** Emerson, **Neofelicola** HOLOTYPE ♂ 6586
 1965 *J. Kansas Entomol. Soc.* 38(1): 68-69 Fig. 1-3 slide
 PHILIPPINES: Palawan I: Mt Mantalingajan 10.IV.1962 M. C. Thompson
 Ex *Paradoxurus philippinensis*, BBM-PI 1372. Host specimen not in Bishop; if saved by field
 collector, most likely at either USNM or SU.
- siamensis** Emerson, **Felicola** HOLOTYPE ♂ 6587
 1964 *J. Kansas Entomol. Soc.* 37(1): 4-5 Fig. 1-3 slide
 MALAYSIA: Kuala Pilah: Negri Sembilan 12.X.1957 K. C. Emerson
 Ex *Felis bengalensis tingia*
 ALLOTYPE, same data, on same slide. Type slide with #FOG 21018.

TYPES REPORTEDLY IN BISHOP-DEPOSITORY UNKNOWN

Family RICINIDAE

- tragus Rheinwald, **Ricinus** HOLOTYPE ♀ 6963
 1968 *Mitt. Hamb. Zool. Mus. Inst.* **65**: 260-62 Fig. 21a-e
 NEW GUINEA (NW): [West N. G. Distr]: Vogelkop: [Kebar Val 550m] 20.I.1962 L. [& S.]
 Quate
 Ex *Xanthotis chrysolis**, BM-NG 802. As *X. flaviventer* in original description.
 Holotype not recorded in type register and presumably never received at Bishop.

GENUS-GROUP INVENTORY

- Alcedoffula: neoguineensis 12
 Austrogoniodes: gressitti 12
 Boopia: doriana 6; emersoni 6
 Buceronirmus: thompsoni 14
 Cacamenopon 8, 9
 Cavifera: abdita 7, 9
 Colpocephalum: javensis 9; phasianini 10; pulverulenti 10
 Cuculicola: sinensis 13
 Degeeriella: quatei 13
 Docophoroides: niethammeri 13; niethammeri exiguus 12
 Emersoniella: galateae 12; regis 13
 Eomenopon: beeri 7; cardinalis 7; chlorocerci 7; clissoldi 8; mirzai 9; placentis 10; pulchellae 10; ryani 11;
 sintillatae 11; wilsoni 11
 Felicola: siamensis 14
 Franciscola: aterrimi 7; erythropteri 8; hodsoni 8; kimi 9; rorati 11; thompsoni 11
 Halipeurus: theresae 13
 Harrisoniella: copei 11
 Heterodoxus: alatus 6; keleri 7; maai 7
 Kelerimenopon: aepypodi 7; clayae 7; fuscistrotris 8; galeritae 8; geoffroyi 8; thompsoni 11
 Kurodaia: quatei 10
 Longimenopon: puffinus 10
 Lorimenopon 8
 Machaerilaemus: raggianae 10
 Megapodiella: nakatae 12
 Myrsidea: cecieae insularis 9; lehmensicki 9; novabritannica 9; pectinata 9
 Neofelicola: philippinensis 14
 Pacifimenopon: fuscatae 8; gressitti 8; nelsoni 9; shanahani 11
 Podargococcus: papuensis 13
 Pseudomenopon: raliculae 11
 Quadriceps: assimilis cedemajori 12
 Quatea: irianensis 9
 Rallicola: maculatus 12; tabuensis 13
 Ricinus: clayae 14; gibbus 14; sorus 14; tragus 15; vagus 14

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