

**CATALOG OF ENTOMOLOGICAL TYPES IN THE
BISHOP MUSEUM
Dermaptera¹**

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Abstract: The 33 holotypes and 13 allotypes of Dermaptera deposited at the Bishop Museum are listed, with associated collection data and (added) information on the condition of the specimens.

Most of the Dermaptera types in the Bishop Museum collection have only recently been described. J. A. G. Rehn described 2 species from Bishop Museum material in the 1940's (1946, 1949). The remainder of the types have been described by A. Brindle (1970, 1972, 1976) and G. K. Srivastava (1976).

The majority of the primary types are from the Philippines (18 holotypes) and the Solomon Islands (9 holotypes). The remaining primary types are from New Caledonia (2), New Hebrides (2), Society Islands (1), and Micronesia (1). The distribution of allotypes herein listed is as follows: Solomon Islands (6), New Caledonia (2), New Hebrides (2), Society Islands (1), Micronesia (1), and also 1 allotype (Micronesia) is missing.

Many of the type specimens are missing antennal segments and other body parts. This information is provided following the collection data for each species.

The Dermaptera general collection at the Bishop Museum is housed in 2 Cal Academy insect cases and comprises nearly 8000 specimens. Approximately 40% of the specimens have been identified.

This catalog follows the format outlined by Radovsky et al. (1976).

SPECIES-GROUP ENTRIES

Family CARCINOPHORIDAE

- gressitti** Srivastava, *Epilandex* HOLOTYPE ♂ 10,220
 1976 *Pac. Insects* 17(1): 104 Fig. 5-8 pin
 PHILIPPINES: Mindanao I: Lanao: Lake Lanao: Gurain Mts 1380 m 16.VI.1958 H. E. Milliron
 Mounted on paper point. Separate genitalia mount attached to pin. Left foreleg missing distad of
 coxa.
- rouxioides** Brindle, *Brachylabis* HOLOTYPE ♂ 10,235
 1976 *Pac. Insects* 17(1): 74 Fig. 9, 15, 17 pin
 NEW CALEDONIA: Foret de Thi 100-200 m 10.III.1961 J. Sedlacek
 Both antennae missing distad of 1st segment. Right foreleg missing distad of coxa, right midleg
 missing. ALLOTYPE ♀, 10235a, pin, NEW CALEDONIA: Col des Pirogue, 14.II.1963, N. L. H.

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Krauss. Left antenna missing, right antenna with 16 segments. Left midleg missing tarsus. Left hind- and midlegs missing distal 2 tarsomeres. Right midleg missing distal tarsomere.

- serrata** Srivastava, **Epilandex** HOLOTYPE ♂ 10,221
 1976 *Pac. Insects* 17(1): 105 Fig. 9-12 pin
 PHILIPPINES: Luzon I: Camarines Sur: Mt Isarog: Pili 600 m 6.IV.1965 H. M. Torrevillas
 Separate genitalia mount attached to pin. Penultimate sternite detached, glued to card.

Family CHELISOCHIDAE

- delicatula** Brindle, **Gressittolabis** HOLOTYPE ♂ 9275
 1970 *Pac. Insects* 12(3): 687 Fig. 63, 64, 65, 66 pin
 SOLOMON IS: Bougainville I (S): Kokure: nr Crown Prince Range 900 m 8.VI.1956 J. L. Gressitt
 Mounted on card. Separate genitalia mount attached to pin. Left antenna with 16 segments, right antenna with 12 segments. ALLOTYPE ♀, 9275a, pin, same data as holotype. Also mounted on card. Both antennae with 13 segments. Left hindleg missing distad of coxa.
- dentatus** Srivastava, **Proreus** HOLOTYPE ♂ 10,227
 1976 *Pac. Insects* 17(1): 122 Fig. 50-52 pin
 PHILIPPINES: Leyte I: Pala 17.VI.1957 No collector given
 Mounted on point. Separate genitalia mount attached to pin. Left antenna with 14 segments, right antenna with 16 segments.
- lingua** Brindle, **Adiathella** HOLOTYPE ♂ 9276
 1970 *Pac. Insects* 12(3): 689 Fig. 57 pin
 SOLOMON IS: Guadalcanal I: Suta 500-1200 m 27.VI.1956 J. L. Gressitt
 Separate genitalia mount attached to pin. Left antenna with 4 segments, right antenna missing. Right midleg missing. ALLOTYPE ♀, 9276a, pin, same data as holotype. Left antenna missing, right antenna detached distad of 3rd segment, glued to card. Left hindleg detached, glued to card. Right foreleg missing.
- philippinensis** Srivastava, **Adiathella** HOLOTYPE ♂ 10,228
 1976 *Pac. Insects* 17(1): 126 Fig. 58-60 pin
 PHILIPPINES: [Mindanao I:] Misamis Or.: Balason 1.IV.1960 H. M. Torrevillas
 Mounted on card. Separate genitalia mount attached to pin. Left antenna missing, right antenna with 6 segments. Left hindleg detached, glued to card. Right hindleg missing tarsus.
- spinosa** Brindle, **Adiathella** HOLOTYPE ♂ 9277
 1970 *Pac. Insects* 12(3): 690 Fig. 58, 61, 62 pin
 SOLOMON IS: New Georgia Group: [Rendova I:] nr Egelo 1-25 m 16.VII.1959 J. L. Gressitt
 On *Freycinetia*
 Separate genitalia mount attached to pin. Left antenna missing, right antenna with 14 segments. Left mid- and hindlegs, right midleg missing distad of coxa. Penultimate sternite detached, glued to card. Egelo misspelled as "Egolo" on type label and in original description. ALLOTYPE ♀, 9277a, pin, SOLOMON IS: New Georgia Group: Kolombangara I, 1-12 m, 9.VII.1959, J. L. Gressitt. Mounted on point.
- torrevillasi** Srivastava, **Proreus** HOLOTYPE ♂ 10,361
 1976 *Pac. Insects* 17(1): 123 Fig. 53-56 pin
 PHILIPPINES: [Mindanao I:] Misamis Or.: Mt Empagatao 1050-1200 m 19-30.IV.1961
 H. Torrevillas

Rain forest

Separate genitalia mount attached to pin. Left antenna missing, right antenna missing distad of 1st segment. Left midleg, left hindleg missing distad of coxa. Right hindleg missing distad of femur.

- tridentata** Brindle, **Tauropygia** HOLOTYPE ♂ 9278
 1970 *Pac. Insects* 12(3): 691 Fig. 53-56 pin
 SOLOMON IS: Bougainville I: NE Mutahi: 18km SE Tinputz 700 m 15-21.III.1968 R. Straatman
 Separate genitalia mount attached to pin. Left antenna with 15 segments, right antenna with 7 segments. Right fore- and hindleg missing distad of coxa. Abdomen detached, glued to card.
 ALLOTYPE ♀, 9278a, pin, SOLOMON IS: Bougainville I: Mt Balbi, 2000-2400 m, 1-7.III.1968, R. Straatman. Left antenna missing, left foreleg missing.

Family DIPLATYIDAE

- torrevillasi** Srivastava, **Diplatys** HOLOTYPE ♂ 10,219
 1976 *Pac. Insects* 17(1): 101 Fig. 1-4 pin
 PHILIPPINES: [Mindanao I:] Misamis Or.: Minubanan 1050-1200 m 5-9.IV.1961 H. Torrevillas
 Mounted on point. Separate genitalia mount attached to pin. Left antenna with 14 segments, right antenna with 10 segments. Right forceps partly missing.

Family FORFICULIDAE

- elongatus** Srivastava, **Timomenus** HOLOTYPE ♂ 10,233
 1976 *Pac. Insects* 17(1): 134 Fig. 81-84 pin
 PHILIPPINES: [Negros I:] Negros Or.: Lake Balinsasayao 1-7.X.1959 C. M. Yoshimoto
 Separate genitalia mount attached to pin. Left antenna with 8 segments, right antenna with 10 segments. Left foreleg missing distal tarsomere. Left midleg missing.
- haddeni** Srivastava, **Timomenus** HOLOTYPE ♂ 10,230
 1976 *Pac. Insects* 17(1): 132 Fig. 72-74 pin
 PHILIPPINES: Luzon I: Mt Makiling 152 m 6.VI.1932 F. C. Hadden
 Separate genitalia mount attached to pin. Left antenna with 8 segments, right antenna with 2 segments.
- punctata** Srivastava, **Kosmetor** HOLOTYPE ♂ 10,229
 1976 *Pac. Insects* 17(1): 129 Fig. 69-71 pin
 PHILIPPINES: [Luzon I:] Mountain Prov.: Mayoyao: Ifugao 1200-1500 m 3.IX.1966 H. M. Torrevillas
 Separate genitalia mount attached to pin. Left antenna with 12 segments, right antenna with 11 segments.
- robustus** Srivastava, **Timomenus** HOLOTYPE ♂ 10,232
 1976 *Pac. Insects* 17(1): 134 Fig. 78-80 pin
 PHILIPPINES: [Luzon I:] Camarines Sur: Mt Isarog 750-900 m 4-7.V.1963 H. M. Torrevillas
 Specimen mounted on card. Separate genitalia mount attached to pin. Both antennae with 7 segments. Left hindleg detached, glued to card.

- simulans** Srivastava, **Timomenus** HOLOTYPE ♂ 10,234
 1976 *Pac. Insects* 17(1): 134 Fig. 85-87 pin
 PHILIPPINES: [Negros I:] Negros Occ.: Mt Canlaon 2100 m 21-25.XII.1959 L. W. Quate
 Malaise trap
 Separate genitalia mount attached to pin. Left antenna with 5 segments, right antenna with 6 segments; 4 separate antennal segments detached, glued to card. Penultimate sternite detached, glued to card.
- sinuatus** Srivastava, **Timomenus** HOLOTYPE ♂ 10,231
 1976 *Pac. Insects* 17(1): 132 Fig. 75-77 pin
 PHILIPPINES: [Luzon I:] Camarines Sur: Mt Isarog 750-1000 m 1.V.1963 H. M. Torrevillas
 Separate genitalia mount attached to pin. Left antenna with 11 segments, right antenna detached distad of 1st segment, remaining 7 segments glued to card.

Family LABIDURIDAE

- philippinensis** Srivastava, **Apachyus** HOLOTYPE ♀ 10,225
 1976 *Pac. Insects* 17(1): 120 Fig. 43-45 pin
 PHILIPPINES: [Luzon I:] Mountain Prov.: Baguio 1829 m 1.VII.1932 J. O. Perry, F. C. Hadden
 Left antenna with 8 segments, right antenna with 7 segments. Left hindleg, all right legs missing distad of coxa.
- punctatum** Srivastava, **Allostethus** HOLOTYPE ♂ 10,226
 1976 *Pac. Insects* 17(1): 122 Fig. 46-49 pin
 PHILIPPINES: Luzon I: Camarines Sur: Mt Isarog: Pili 600 m 4.IV.1965 H. M. Torrevillas
 Separate genitalia mount attached to pin. Abdomen detached at 5th segment, glued together and also glued to card. Each antenna with 9 segments.

Family LABIIDAE

- abortiva** Rehn, **Chaetospania** HOLOTYPE ♂ 1829
 1949 *Trans. Am. Entomol. Soc.* 75: 99 Fig. 1 pin
 SOCIETY IS: Tahiti I: Mt Aorai Trail 1372-1676 m 15.IX.1934 E. C. Zimmerman
 Mounted on point. Posterior 3 abdominal segments including forceps detached, glued to point next to remainder of specimen. ALLOTYPE ♀, 1829a, pin, same data as holotype except: 1676 m, on *Metrosideros*. Both antennae missing. Left labial palp missing. Left fore- and hindlegs missing distad of coxa. Right midleg missing distad of tibia.
- albaiensis** Srivastava, **Auchenomus** HOLOTYPE ♂ 10,360
 1976 *Pac. Insects* 17(1): 116 Fig. 35-39 pin
 PHILIPPINES: [Luzon I:] Albay Prov.: Mt Mayon: 16 km NW of Legaspi 900 m 17.V.1962 H. M. Torrevillas
 Separate genitalia mount attached to pin. Left antenna with 4 segments, right antenna with 6 segments. Left fore- and right hindlegs missing distad of coxa.
 Legaspi misspelled "Lagaspi" on type label and in original description.
- cristata** Brindle, **Nesogaster** HOLOTYPE ♂ 10,236
 1976 *Pac. Insects* 17(1): 79 Fig. 24, 25 pin
 NEW CALEDONIA: Mt des Koghis 300-600 m 19.III.1968 J. L. Gressitt

- Mounted on point. Both antennae missing distad of 2nd segment. Right foreleg missing tarsus.
ALLOTYPE ♀, 10236a, pin, NEW CALEDONIA: Foret de Thi, 29.X-1.XI.1967, J. & M. Sedlacek. Mounted on point. Left antenna with 13 segments, right antenna with 15 segments.
- dentata** Brindle, *Chaetolabia* HOLOTYPE ♂ 11,282
1976 *Rec. South Aust. Mus.* 17(3): 229 Fig. 13, 14
NEW HEBRIDES: Aoba I [=Oba I]: Dunduy [=Duin Dui] 6-8.IX.1958 B. Malkin
Left antenna with 11 segments, right antenna with 12 segments. Left mid- and hindlegs missing distad of coxa. ALLOTYPE ♀, 11282a, pin, same data as holotype. Left antenna with 8 segments, right antenna with 6 segments. Left mid- and hindlegs, and right fore- and midlegs missing distad of coxa.
- dentatus** Srivastava, *Auchenomus* HOLOTYPE ♂ 10,224
1976 *Pac. Insects* 17(1): 116 Fig. 33-34
PHILIPPINES: Mindanao I: Bukidnon: Mt Katanglad 1250 m 4-9.XII.1959 L. W. Quate
Mounted on card. Separate genitalia mount attached to pin. Left antenna with 13 segments, right antenna with 8 segments. Left midleg, right fore- and hindlegs missing distad of coxa.
- egoloensis** Brindle, *Auchenomus variabilis* HOLOTYPE ♂ 9272
1970 *Pac. Insects* 12(3): 667 Fig. 23, 24
SOLOMON IS: New Georgia Group: [Rendova I:] nr Egelo 1-25 m 16.VII.1959 J. L. Gressitt
On *Freycinetia*
Left antenna with 4 segments, right antenna with 11 segments. Abdomen glued to thorax. Egelo misspelled as "Egolo" on type label and in original description. ALLOTYPE ♀, 9272a, pin, same data as holotype. Left antenna with 4 segments, right antenna with 8 segments. Abdomen missing.
- elongatulus** Brindle, *Auchenomus* HOLOTYPE ♂ 9270
1970 *Pac. Insects* 12(3): 665 Fig. 20, 27
SOLOMON IS: Malaita I: E of Kwalo (E of Auki) 350 m 29.IX.1957 J. L. Gressitt
Both antennae with 8 segments.
- fulgida** Brindle, *Marava* HOLOTYPE ♂ 9274
1970 *Pac. Insects* 12(3): 683 Fig. 46
SOLOMON IS: Bougainville I(S): Mosigeta 25 m 3.VI.1956 E. J. Ford, Jr.
Specimen mounted on card. Separate genitalia mount attached to pin.
- fuscata** Brindle, *Chaetospania* ALLOTYPE ♀ 10,626a
1972 *Insects Micronesia* 5(2): 146 Fig. 13c-d, k
MICRONESIA: Caroline Is: Kusaie I: Mt Matante 580 m 11.II.1953 J. F. G. Clarke
Dead *Cyathea* fronds
Mounted on card. Left antenna with 11 segments, right antenna with 13 segments. Holotype deposited National Museum of Natural History (USNM).
- insularis** Brindle, *Auchenomus* HOLOTYPE ♂ 11,281
1976 *Rec. South Aust. Mus.* 17(3): 228 Fig. 27, 28
NEW HEBRIDES: Espiritu Santo I (SW): above Namatasopa 400 m 30.VIII.1957 J. L. Gressitt
Left antenna with 8 segments, right antenna with 9 segments. Right midleg missing distad of coxa.
ALLOTYPE ♀, 11281a, pin, same data as holotype. Left antenna with 3 segments, right antenna with 1 segment.

- parva** Brindle, *Chaetospania* HOLOTYPE ♂ 9273
 1970 *Pac. Insects* 12(3): 670 Fig. 36, 37 pin
 SOLOMON IS: New Georgia Group: New Georgia I: Munda 1-30 m 15.VII.1959 J. L. Gressitt
 Specimen glued to card. Left antenna with 13 segments, right antenna with 7 segments. Left mid-
 and hindlegs missing. Right fore- and hindlegs missing.
- reditus** Rehn, *Nesogaster* HOLOTYPE ♂ 1828
 1946 *Proc. Acad. Nat. Sci. Philadelphia* 98: 226 Fig. 6, 7 pin
 Micronesia: [Mariana Is:] Guam I: Piti 19.VIII.1936 O. H. Swezey
 Ex rotten bamboo sprouts
 Left antenna with 12 segments, right antenna with 9 segments. Right hindleg missing distad of coxa.
 Abdomen detached, glued to paper point. ALLOTYPE ♀ slated for deposition in Bishop but
 cannot be located in collection.
- siva** Srivastava, *Chaetospania* HOLOTYPE ♂ 10,222
 1976 *Pac. Insects* 17(1): 111 Fig. 23-25 pin
 PHILIPPINES: [Luzon I:] Mountain Prov.: Abatan: Buguias: 60 km S of Bontoc 1800-2000 m
 11-12.VI.1964 H. M. Torrevillas
 Mounted on point. Separate genitalia mount attached to pin. Left antenna with 8 segments, right
 antenna missing. Abdomen missing distad of 6th segment. Right fore-, mid- and hindlegs missing.
- striatus** Srivastava, *Auchenomus* HOLOTYPE ♂ 10,223
 1976 *Pac. Insects* 17(1): 111 Fig. 26-29 pin
 PHILIPPINES: Luzon I: Camarines Sur: Mt Isarog: Pili 600-800 m 10.IV.1965 H. M.
 Torrevillas
 Separate genitalia mount attached to pin. Left antenna with 7 segments, right antenna with 1
 segment.
- variabilis** Brindle, *Auchenomus* HOLOTYPE ♂ 9271
 1970 *Pac. Insects* 12(3): 667 Fig. 21, 22 pin
 SOLOMON IS: Bougainville I(S): Kokure: nr Crown Prince Range 900 m 11.VI.1956 J. L.
 Gressitt
 Right antenna with 9 segments, left antenna with 6 segments. Abdomen detached, glued to card.
 ALLOTYPE ♀, 9271a, pin, same data as holotype except: 9.VI.1956. Left antenna with 9
 segments, right antenna with 14 segments. Abdomen detached, glued to card.

GENUS-GROUP INVENTORY

Adiathella: lingua 20; philippinensis 20; spinosa 20
 Allostethus: punctatum 22
 Apachyus: philippinensis 22
 Auchenomus: albaiensis 22; dentatus 23; elongatulus 23; insularis 23; striatus 24; variabilis 24; variabilis
 egoloensis 23
 Brachylabis: rouxioides 19
 Chaetolabia: dentata 23
 Chaetospania: abortiva 22; fuscata 23; parva 24; siva 24
 Diplatys: torrevillasi 21
 Epilandex: gressitti 19; serrata 20
 Gressittolabis: delicatula 20
 Kosmetor: punctata 21

Marava: fulgida 23

Nesogaster: cristata 22; redivus 24

Proreus: dentatus 20; torrevillasi 20

Tauropygia: tridentata 21

Timomenus: elongatus 21; haddeni 21; robustus 21; simulans 22; sinuatus 22

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