CATALOG OF ENTOMOLOGICAL TYPES IN THE
BISHOP MUSEUM
Blattaria and Mantodea

By Gordon M. Nishida

Abstract: This catalog alphabetically lists primary types and allotypes of Blattaria and Mantodea deposited in the Bishop Museum. Blattaria is represented by 7 holotypes and 4 allotypes, Mantodea by 12 holotypes and 3 allotypes.

The Bishop Museum holdings of Blattaria and Mantodea types are few in number but particular regions are well represented. Both orders are poorly studied in the general collections.

M. Hebard described 6 of the 7 blattid primary types in conjunction with the Pacific Entomological Survey, 1927 to 1933 (Hebard 1935). All 7 blattid holotypes are central Pacific, predominantly Polynesian in origin, with 5 from the Marquesas Islands, 1 from the Society Islands, and 1 from the Caroline Islands. All 4 blattid allotypes in the collection are Polynesian.

The mantid type holdings reflect the extensive collecting by Bishop Museum personnel in New Guinea, with 10 of the 12 primary types from that area. The remaining 2 holotypes are from the Cape York Islands. Three allotypes are deposited in the mantid type collection. All 15 mantid types were described by M. Beier (1965).

The format used in this catalog follows Radovsky et al. (1976).

SPECIES-GROUP ENTRIES

Order Blattaria

atropunctata C. Willemse, Homalopteryx pelewensis

1950  Eos, Rev. Esp. Entomol., Tomo Extraord.: 325 Pl. 9, Fig. 1
MICRONESIA: Caroline Is: Palau Is: Angaur 15.IV.1936 Y. Kondo
Head, thorax, right foreleg, right midleg and left foreleg missing.

HOLOTYPE ♀ 1758 pin

hivaoa Hebard, Aneurina

1935  Bull. B. P. Bishop Mus. 114: 116
MARQUESAS IS: Hivaoa I: Mt Temetiu: Slope N of summit 1177 m 27.XII.1930 H. Tauraa

HOLOTYPE ♂ 660 pin

1. This work was supported by grant #BMS 75015971 from the U. S. National Science Foundation to Bishop Museum.
2. Bishop Museum, P. O. Box 6037, Honolulu, Hawaii 96818, U.S.A.
ALLOTYPE, 660a, pin. Data on allotype was published as 1166 m, 27.V.1929, in fern petiole, E. P. Mumford & A. M. Adamson. In the original publication, Hebard did not clearly indicate the numbers of specimens from their respective localities, making it difficult to conclusively determine status. Specimen 660a in Bishop has an allotype label, colored red, in Hebard’s handwriting. Also, 8 of the 15 specimens that Hebard examined are in the museum collection, 4 adults (holotype, allotype, 2 paratypes) and 4 juveniles. All of these specimens were collected on the same date, in the same locality as the holotype. Though it is not known where the remaining paratypes and voucher specimens are deposited, I would tentatively conclude that this specimen is the allotype and that the published data were in error.

hivaoa Hebard, Maretina

1935 Bull. B. P. Bishop Mus. 114: 110 Fig. 1b
MARQUESAS IS: Hivaoa I: Mt Temetiui: N Crest 1104 m 24.VII.1929 E. P. Mumford & A. M. Adamson

remota Hebard, Kuchinga

1935 Bull. B. P. Bishop Mus. 114: 119 Fig. 1f, 1g
SOCIETY IS: Tahiti I: Hitiaa: 4.83 km from sea 457 m 20.XII.1928 E. P. Mumford & A. M. Adamson
ALLOTYPE, 662a, pin, SOCIETY IS: Moorea I: Faaroa Val.: 4.83 km from sea, 305 m, 4.XII.1928, dead leaves of banana, A. M. Adamson.

tahuata Hebard, Aneurina

1935 Bull. B. P. Bishop Mus. 114: 116 Fig. 1c
MARQUESAS IS: Tahuata I: Amatea 823 m 7.VII.1930 G. Le Bronnec & H. Tauraa
Beating on Metrosideros collina
ALLOTYPE, 661a, pin, same data as holotype except: beating on Weinmannia parviflora.

uahuka Hebard, Maretina

1935 Bull. B. P. Bishop Mus. 114: 111 Fig. 1c
MARQUESAS IS: Uahuka I: Hitikau ridge 884 m 4.III.1931 G. Le Bronnec & H. Tauraa
On Cyperus sp.

viridis Hebard, Aneurina

1935 Bull. B. P. Bishop Mus. 114: 114 Fig. 1d
MARQUESAS IS: Nukuhiva I: Ouumu 915 m 27.V.1931 G. Le Bronnec & H. Tauraa
On Weinmannia parviflora
ALLOTYPE, 659a, pin, same data as holotype except: 976 m, 28.V.1931.

Order Mantodea

alatus Beier, Papugalepsus

1965 Pac. Insects 7(3): 482 Fig. 1f

antennatus Beier, Nesoxypilus

1965 Pac. Insects 7(3): 450 Fig. 1a, 1b
CAPE YORK IS: Prince of Wales I 3.VIII.1920 J. A. Kusche
Holotype with right midleg, right hindleg, left midleg, left hindleg missing. ALLOTYPE. 3840a, pin, same data as holotype except: 25.VII.1920. Thorax and head separated from abdomen, both sections glued to card.
curvidens Beier, Papubolbe
1965  *Pac. Insects* 7(3): 480  Fig. 1d
NEW GUINEA (NE): Mt Otto  2500 m  21.VI.1955  [J. L. Gressitt]

eximia Beier, Papubolbe
1965  *Pac. Insects* 7(3): 479  Fig. 1c
NEW GUINEA (NE): Upper Chimbu Val.: Numbu  2400 m  5.VII.1955  J. L. Gressitt

gressitti Beier, Papubolbe
1965  *Pac. Insects* 7(3): 477  Fig. 1b
NEW GUINEA (NE): Mt Otto  2200 m  24.VI.1955  J. L. Gressitt
Right hindleg missing distad of coxa, right midleg missing distad of femur.

insularis Beier, Phthersigena
1965  *Pac. Insects* 7(3): 450  Fig. 1c, 1d
CAPE YORK IS: Prince of Wales I  22.VIII.1920  J. A. Kusche
ALLETYPE, 3841a, pin, same data as holotype except: 25.VII.1920.

papua Beier, Kongobatha
1965  *Pac. Insects* 7(3): 487  Fig. 2c

papua Beier, Machairima
1965  *Pac. Insects* 7(3): 487  Fig. 2b
Right hindtarsus missing.

picea Beier, Papubolbe
1965  *Pac. Insects* 7(3): 480  Fig. 1e
Both hindlegs missing distad of coxae. “Tuwep” misspelled as “Tuwop” in original publication.

pulchra Beier, Nannofulcinia
1965  *Pac. Insects* 7(3): 476  Fig. 1a

squalida Beier, Hierodula sorongana
1965  *Pac. Insects* 7(3): 492
Left hindleg missing.

verticalis Beier, Fulcinia
1965  *Pac. Insects* 7(3): 483  Fig. 2a

GENUS-GROUP INVENTORY

ORDER BLATTARIA

<table>
<thead>
<tr>
<th>Genus</th>
<th>Group</th>
<th>Inventory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aneurina</td>
<td>hivaoa</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>tahuata</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>viridis</td>
<td>2</td>
</tr>
<tr>
<td>Homalopteryx</td>
<td>pelewensis</td>
<td>atropunctata</td>
</tr>
</tbody>
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1978  Nishida: Bishop Museum type catalog, Blattaria and Mantodea
Kuchinga: remota 2
Maretina: hivaoa 2; uahuka 2

ORDER MANTODEA

Fulciniella: verticalis 3
Hierodula: sorongana squalida 3
Kongobatha: papua 3
Machairima: papua 3
Nannofulcinia: pulchra 3
Nesoxypilus: antennatus 2
Papubolbe: curvidens 3; eximia 3; gressitti 3; picea 3
Papugalepsus: alatus 2
Phthersigena: insularis 3

LITERATURE CITED