

# PRIMARY TYPE SPECIMENS OF THE MUSEUM ZOOLOGICUM BOGORIENSE (I)

by

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(Museum Zoologicum Bogoriense)

## Introduction

With the advance of the knowledge gained the need for a work which can provide information where the type specimens are deposited becomes greatly felt lately. The Museum Zoologicum Bogoriense possesses a great many of valuable type material which might prove valuable if they were made known. Within this context it is therefore a pleasurable task of the authors to undertake this present work in their hope that this list may be useful until replaced by a more complete one.

This list will be presented in several consecutive series and each series may contain one or several phyla depending on how many type material are present in the collection for each phylum. No effort is given to provide every type material with its valid name. The work on which the classification of taxonomic categories is based will be cited under each appropriate taxon. The arrangement at and below the generic level is done in alphabetical order. For locality records the modern spelling and designation in the Indonesian language are adopted for all geographical names. For example, the *oe* is now written as *u* like in **Sebuku**; **Celebes** is now designated as **Sulawesi**, **New Guinea** as **Irian**, etc. In some cases when the record has no equivalent designation, the record as it appears on the label is still maintained.

The preparation of this list has been partially made easy by the fact that most authors have adopted the modern procedure of type designation. Still a great many authors have, however, ambiguously designated the types. In such instances, if the Museum Zoologicum Bogoriense has the material from which the description was drawn while the author did not indicate either the type or its nature, the material is listed as **holotype** if the description was based on a single specimen; if based on several specimens the material is designated as **syntype(s)** and as **paratype(s)** if the holotype is known to exist (cf. Art. 73 International Code of Zoological Nomenclature adopted by the XV International Congress of Zoology).

In an attempt to provide every type material with all particulars thereto pertaining, whenever the data are available, repositories where the holotypes are deposited are also included in this list. A list of repositories is given hereunder with their appropriate abbreviation.

List of repositories:

AMNH	=	American Museum of Natural History, New York.
BM	=	Bernice P. Bishop Museum, Honolulu, Hawaii.
BM(NH)	=	British Museum (Natural History), London.
MZB	=	Museum Zoologicum Bogoriense, Bogor.
NMB	=	Naturhistorisches Museum, Basle.
NMS	=	Naturmuseum Senckenberg, Frankfurt am Main.
RMNH	=	Rijksmuseum van Natuurlijke Historie, Leiden.
ZMA	=	Zoologisch Museum, Amsterdam.
ZMB	=	Zoologisches Museum, Berlin.
USNM	=	United States National Museum, Washington D.C.

Phylum PLATYHELMINTHES  
 Class TURBELLARIA  
 Order TRICLADIDA  
 Family Rhynchodemidae  
 Genus *Platydemus* GRAFF, 1896

***Platydemus vanheurni* DE BEAUCHAMP**

*Platydemus vanheurni* DE BEAUCHAMP, Treubia, 10, 1928-29: 417, Figs. 4-5.

SYNTYPE:

MZB no. Pla. 001, 1 ex., "Pont de Rotan, rivière du Doorman", ca. 200 m., West Irian, November 8, 1920, W.C. VAN HEURN coll. In spirit.

The description was based on a total of two specimens, none of them being designated as holotype.

Phylum ANNELIDA  
 Class CHAETOPODA  
 Order POLYCHAETA  
 Family Eunicidae  
 Genus *Marphysa* QUATREFAGES, (1866)

***Marphysa soembaensis* AUGENER**

*Marphysa soembaensis* AUGENER, Treubia, 14, 1932-34: 196, Fig. 2.

SYNTYPE:

MZB no. Ann. 039, 2 ex., Sindikiri Bay, S.W. Sumba, March 3, 1909,  
VAN DE SANDE coll. In spirit.

The species was described from two specimens, none of them being designated as holotype.

Order OLIGOCHAETA  
Family Megascolecidae  
Genus *Pheretima* KINBERG, 1866

***Pheretima baweanensis* MICHAELSEN**

*Pheretima baweanensis* MICHAELSEN, Treubia, 5, 1924: 389, Figs. 1 - 2

SYNTYPE:

MZB no. Ann. 014, 2 ex., Bawean Isl., Java Sea, June 2, 1920, DELSMAN  
coll. In spirit.

The species was described from two specimens, none of them being designated as holotype.

***Pheretima doormani* MICHAELSEN**

*Pheretima doormani* MICHAELSEN, Nova Guinea, 15 (Zool.), 1924: 20, Figs. 3 - 4.

SYNTYPE:

MZB no. Ann. 016, 2 ex., "Doormanpad bivak", West Irian, October  
1920, W.C. VAN HEURN coll. In spirit.

The description gives no details on the number of specimens examined and none was indicated as holotype.

***Pheretima heurni* MICHAELSEN**

*Pheretima heurni* MICHAELSEN, Nova Guinea, 15 (Zool.), 1924: 23, Fig. 5.

SYNTYPE:

MZB no. Ann. 018, 2 ex., "Prauwenbivak", Idenburg river, West Irian,  
September 1920, W.C. VAN HEURN coll. In spirit.

The description gives no details on the number of specimens examined and none was indicated as holotype.

***Pheretima keiana* MICHAELSEN**

*Pheretima keiana* MICHAELSEN, Treubia, 5, 1924: 395, Fig. 5.

HOLOTYPE:

MZB no. Ann. 017, 1 ex., Mt. Daab, 300 m., Great Kei, Kei Isls., April  
1922, H.C. SIEBERS coll. In spirit.

Described from a single specimen.

Phylum ONYCHOPHORA  
 Class ONYCHOPHORA  
 Order EUONYCHOPHORA  
 Family **Peripatopsidae**  
 Genus **Paraperipatus** WILLEY, 1898

**Paraperipatus keiensis** HORST

*Paraperipatus keiensis* HORST, Vidensk. Medd. fra Dansk naturh. Foren., 76, 1924: 199, Figs. 1-3.

SYNTYPE:

MZB no. Ony. 001, 1 ♂, Great Kei, Kei Isls., April 1922, HJ. JANSEN coll. In spirit.

MZB no. Ony. 002, 1 ♀, Great Kei, Kei Isls., April 1922, HJ. JANSEN coll. In spirit.

The species was described from ten specimens (4 ♂, 6 ♀). None of them being designated as holotype.

Phylum ARTHROPODA  
 Class ARACHNIDA  
 Order PEDIPALPA  
 Family **Charontidae**  
 Genus **Stygophrynus** KRAEPLIN, 1895

**Stygophrynus dammermani** ROEWER

*Stygophrynus dammermani* ROEWER, Treubia, 10, 1928-29: 16, Figs. 1-6.

SYNTYPE:

MZB no. Ped. 007, 3 juv., Guha Gadjah, Kalapanunggal, January 1924, native collector. In spirit.

MZB no. Ped. 008, 1 ♀, Panumbangan, Djampang, November 11, 1924, K.W. DAMMERMAN coll. Labelled as "Typus". In spirit.

MZB no. Ped. 009, 1 ♂, Tjampea, Bogor, March 9, 1924, K.W. DAMMERMAN coll. In spirit.

MZB no. Ped. 011, 1 ♂, Guha Kuda near Lulut, Bogor, December 20, 1923, K.W. DAMMERMAN coll. Labelled as "Typus". In spirit.

MZB no. 012, 1 ♂, 1 juv., Guha Kuda near Lulut, Bogor, December 26, 1923, K.W. DAMMERMAN coll. In spirit.

The species was described from thirteen specimens (5 ♂, 1 ♀, 7 juv.). 2 ♂ are being designated as "Typus" by the author, one of which is deposited in MZB (No. Ped. 011). Another specimen (♀, no. Ped. 008) is also labelled as "typus" but not indicated in the original description.

Order ACARINA <sup>1)</sup>  
Family Macrochelidae  
Genus **Neopodocinum** OUDEMANS, 1902

**Neopodocinum coprophilum** VITZHUM

*Neopodocinum coprophilum* VITZHUM, Treubia, 8, 1926: 40, Figs. 25 - 34.

SYNTYPE:

MZB no. Aca. 050, 8 ex. (2 ♀, 6 deutonymphs), off *Heliocopris* spec.,  
Toba lake, N. Sumatra, March 22, 1922, K.W. DAMMERMAN coll.  
In spirit.

The species was described from a protonymph collected from South Sumatra, and from deutonymphs and females (no details on the number of specimens examined); none of them being designated as holotype.

Family Laelaptidae  
Genus **Copriphis** BERLESE, 1910.

**Copriphis (Pelethiphis) fragilis** VITZHUM

*Copriphis (Pelethiphis) fragilis* VITZHUM, Treubia, 8, 1926: 80, Figs. 49 - 52.

SYNTYPE:

MZB no. Aca. 027, 2 ♀, free living on the soil surface, Bokor Isl. (Klein Kombuis Isl.), Java Sea, January 27, 1922, K.W. DAMMERMAN coll.  
In spirit.

The description was based on a total of 6 specimens (2 ♂, 4 ♀), none of them being designated as holotype.

Genus **Evipus** BERLESE, 1903

**Evipus longus** VITZHUM

*Evipus longus* VITZHUM, Treubia 8, 1926: 85, Figs. 53 - 54.

SYNTYPE:

MZB no. Aca. 035, 7 deutonymphs, off *Heliocopris* spec., Lembang, Java, July 1921, PARAVICINI coll. In spirit.

The species was described from many specimens (deutonymphs).

Genus **Laelaps** KOCH, 1836

**Laelaps (Laelaps) sanguisugus** VITZHUM

*Laelaps (Laelaps) sanguisugus* VITZHUM, Treubia, 8, 1926: 58, Figs. 39 - 42.

<sup>1)</sup> The classification within this order follows BAKER, E. W. & G. W. WHARTON (1952), *An Introduction to Acarology*, Mac Millan Co., New York, 465 pp.

HOLOTYPE: in H. VITZHUM's collection; the author has not properly indicated which specimen has been chosen as holotype.

PARATYPE:

MZB no. Aca. 040, 6 ex. (3 ♂, 3 ♀), off *Mus lepturus*, Tjibodas, 1400 m., August 21, 1921, K.W. DAMMERMAN coll. In spirit.

MZB no. Aca. 018, 19 ex. (8 ♂, 11 ♀), off *Mus lepturus*, Tjibodas 1400 m., May 24, 1922, K.W. DAMMERMAN coll. In spirit.

The species was described from many specimens.

Genus *Longolaelaps* VITZHUM, 1926

*Longolaelaps longulus* VITZHUM

*Longolaelaps longulus* VITZHUM, Treubia, 8, 1926: 74. Figs. 47-48.

HOLOTYPE: in H. VITZHUM's collection; the author has not properly indicated which specimen has been chosen as holotype.

PARATYPE:

MZB no. Aca. 013, 4 ♀, off *Rattus whiteheadi*, Wai Lima, South Sumatra, November 29, 1921, KARNY & SIEBERS coll. In spirit.

The description was based on a total of about a dozen specimens (all ♀ ♀).

Family Cillibidae

Genus *Cilliba* v. HEYDEN, 1827

*Cilliba (Cilliba) celsocyclosa* VITZHUM

*Cilliba (Cilliba) celsocyclosa* VITZHUM, Treubia, 8, 1926: 118, Figs. 73-75.

HOLOTYPE: in H. VITZHUM's collection; the author has not properly indicated which specimen has been chosen as holotype.

PARATYPE:

MZB no. Aca. 021, 18 ex. (all deutonymphs), "parasitisch op zwarte detritus-wantsen", Tjibodas, 1400 m., date unknown, H. KARNY coll. In spirit.

The description gives no details of the number of the specimens examined.

Family Ixodidae

Genus *Amblyomma* KOCH, 1844

*Amblyomma dammermani* WARBURTON

*Amblyomma dammermani* WARBURTON, Parasitology, 19, 1927: 409, Pl. XXVII, fig. 3.

**HOLOTYPE:**

MZB no. Aca. 143, 1 ♀, no host record, Mt. Daab, Kei Isl., April 6, 1922, H.C. SIEBERS coll. In spirit.

The species was described from a single specimen.

**Amblyomma robinsoni** WARBURTON

*Amblyomma robinsoni* WARBURTON, Parasitology, 19, 1927: 408. Pl. XVII, figs. 1-2.

**SYNTYPE:**

MZB no. Aca. 145, 5 ex. (4 ♂, 1 ♀), off *Varanus komodoensis*, Komodo Isl., July 1923, collector not specifically mentioned. The specimen is labelled as "Komodo VII, 1923, Museum Buitenzorg". In spirit.

Described from eleven specimens (8 ♂, 3 ♀), none of them being designated as holotype.

Genus **Haemaphysalis** KOCH, 1844

**Haemaphysalis monospinosa** KRIJGSMAN & PONTO

*Haemaphysalis monospinosa* KRIJGSMAN & PONTO, Veearts. Med. No. 79, 1932: 18, Fig. 22.

**HOLOTYPE:**

MZB no. Aca. 185, 1 ♂, off *Tragulus kanchil*, Berhala Isl., August 8, 1927, v. D. MEER MOHR coll. In spirit.

Described from a single specimen.

Family **Pterygosomidae**

Genus **Geckobia** MEGNIN, 1878

**Geckobia bataviensis** VITZHUM

*Geckobia bataviensis* VITZHUM, Treubia, 8, 1926: 122, Fig. 76.

**HOLOTYPE:** in H. VITZHUM's collection; the author has not properly indicated which specimen has been chosen as holotype.

**PARATYPE:**

MZB no. Aca. 056, 2 ♀, off *Hemidactylus frenatus*, Njamuk Ketjil Isl. (Enkhuizen Isl.), Djakarta Bay, November 25, 1919, K.W. DAMMERMAN coll. In spirit.

The description gives no details on the number of specimens examined.

Family **Erythraeidae**

Genus **Sphaerolophus** BERLESE 1910

**Sphaerolophus (Sphaerolophus) similis** VITZHUM

*Sphaerolophus (Sphaerolophus) similis* VITZHUM, Treubia, 8, 1926: 155, Fig. 90.

**HOLOTYPE:**

MZB no. Aca. 034, 1 ex., habitat unknown, Wai Lima, South Sumatra,  
November 28, 1921, KARNY & SIEBERS coll. In spirit.

The species was described from a single specimen.

Family **Trombidiidae**

Genus **Dinothrombium** OUDEMANS, 1910

**Dinothrombium dammermani** VITZHUM

*Dinothrombium dammermani* VITZHUM, Treubia, 8, 1926: 145, Figs. 84 - 87.

**SYNTYPE:**

MZB no. Aca. 026, 1 ♀ (?), free living on the soil surface, Tjibodas, 1500  
m., Java, August 1921, K.W. DAMMERMANS coll. In spirit.

The species was described from two specimens, none of them being  
designated as holotype.

Family **Analgesidae**

Genus **Mesalges** TROUESSART, 1888

**Mesalges loricatus** VITZHUM

*Mesalges loricatus* VITZHUM, Treubia, 8, 1926: 185, Figs. 104 - 111.

**HOLOTYPE:** in H. VITZHUM's collection; the author has not properly indicated  
which specimen has been chosen as holotype.

**PARATYPE:**

MZB no. Aca. 053, 19 ex. (5 ♂, 12 ♀, 2 deutonymphs), off *Chryso-*  
*colaptes validus* (TEMM.), Wai Lima, South Sumatra, December  
1921, SIEBERS coll. In spirit.

The description gives no details on the number of specimens examined.

Class **CRUSTACEA**

Order **DECAPODA**

Family **Potamonidae**

Genus **Paratelphusa** ZEHNTNER, 1894

**Paratelphusa** (? **Barytelphusa**) **gjellerupi** ROUX

*Paratelphusa* (? *Barytelphusa*) *gjellerupi* ROUX, Nova Guinea, 15 (Zool.), 1927:  
339, Pl. IV, figs. 5 - 7.

**HOLOTYPE:**

MZB no. Cru. 013, ♂ juv., Sawia, N. West Irian, August 1911, P.N.  
VAN KAMPEN & K. GJELLERUP coll. In spirit.

Described from a single specimen.



**Paratelphusa (Liotelphusa) ingrami subconvexa ROUX**

*Paratelphusa (Liotelphusa) ingrami subconvexa* ROUX, Nova Guinea, 15 (Zool.), 1927: 328, Pl. IV, figs. 1 - 2.

**SYNTYPE:**

MZB no. Cru. 017, 1 ♂, "Pionierbivak", Memberamo, West Irian, August 4, 1920, W.C. VAN HEURN coll. In spirit.

MZB no. Cru. 041, 1 ♂, "Doormanpad Bivak", Point 1410 m., West Irian, 1920, W.C. VAN HEURN coll. In spirit.

MZB no. Cru. 053, 1 ♂, "Doormanpad Bivak", West Irian, October 5, 1920, W.C. VAN HEURN coll. In spirit.

Based on a total of nine specimens from "Doormanpad Bivak, Point 1410 m." (2 ♂, 1 ♀), "Pionierbivak" (1 ♂), "Ruisseau près de Tana" (1 ♀), Germaniahoeck (1 ♂ juv., 1 ♀, 1 ♀ juv.). None of them being designated as holotype.

**Paratelphusa (Liotelphusa) minima ROUX**

*Paratelphusa (Liotelphusa) minima* ROUX, Nova Guinea, 15 (Zool.), 1927: 335, Pl. IV, figs. 12 - 13.

**SYNTYPE:**

MZB no. Cru. 088, 7 ex. (1 ♂, 6 ♀), "? bassin du Memberamo", West Irian, date and collector unknown (most likely in 1920, W.C. VAN HEURN coll.). In spirit.

Described from twelve specimens (4 ♂, 8 ♀) from West Irian.

**Paratelphusa (Liotelphusa) vanheurni ROUX**

*Paratelphusa (Liotelphusa) vanheurni* ROUX, Nova Guinea, 15 (Zool.), 1927: 333, Pl. IV, fig. 10 - 11.

**HOLOTYPE:**

MZB no. Cru. 087, 1 ♂, "En cours de route, entre 1410 → Prauwenbivak", West Irian, November 1920, W.C. VAN HEURN coll. In spirit.

The description was based on a single specimen.

**Genus Parathelphusa MILNE-EDWARDS, (1853)**

**Parathelphusa (Nautilothelphusa) zimmer BALSS**

*Parathelphusa (Nautilothelphusa) zimmer* BALSS, Mitt. Zool. Mus. Berlin, 19, 1933: 94, Pl. II, figs. 4 - 5, 9.

**HOLOTYPE:**

MZB no. Cru. 048, ♂, B. Kuramei, Sulawesi (?), October 7, 1909, collector not specifically mentioned. In spirit.

Described from a single specimen.

Class INSECTA  
 Order COLEOPTERA  
 Family Cerambycidae  
 Genus *Anandra* THOMSON, 1864

***Anandra griceipennis floresica* GILMOUR & BREUNING**

*Anandra griceipennis floresica* GILMOUR & BREUNING, Treubia, 26, 1963: 123, Pl. I, figs. 1 - 2.

HOLOTYPE: GILMOUR Collection, ♂, Rana Mese, 1200 - 1500 m, Flores Isl., April 9, 1958, A.M.R. WEGNER coll.

PARATYPE:

MZB. no. Col. 747, 1 ♂, Mborong, Flores Isl., March 31, 1958, A.M.R. WEGNER coll.

Described from 2 males collected from Rana Mese and Mborong, in Flores Isl.

Genus *Arrhenotus* PASCOE, 1858

***Arrhenotus soembanus* SCHWARZER**

*Arrhenotus soembanus* SCHWARZER, Senckenbergiana 13, 1931: 205, fig. 16.

HOLOTYPE: NMS — Col. 149, Mao Marru, 450 m, Sumba Isl., no date mentioned in the description, DAMMERMAN coll.

PARATYPE:

MZB. no. Col. 1119, 2 ex., Mao Marru, 450 m, Sumba Isl., May 1925, DAMMERMAN coll.

MZB. no. Col. 1120, 2 ex., Karanggar, 700 m, Sumba Isl., May 1925, DAMMERMAN coll.

MZB. no. Col. 1121, 1 ex., Waikelo, Sumba Isl., April 1925, DAMMERMAN coll.

Described from 6 specimens collected from the type locality. Specimens from the two latter localities (Col. 1120 and 1121) were not mentioned in the description, but are labelled as paratypes.

Genus *Callienispa* FISHER, 1936

***Callienispa monticola* FISHER**

*Callienispa monticola* FISHER, Tijdschr. v. Ent. 79, 1936: 192.

HOLOTYPE: USNM — ♀, Mt. Tangkubanprahu, 4000 - 5000 ft., W. Java, December 3, 1929, F.C. DRESCHER coll.

PARATYPE:

MZB. no. Col. 334, 1 ♂, Mt. Tangkubanprahu, 4000 - 5000 ft., W. Java, October 10, 1928, F.C. DRESCHER coll.

Described from 4 specimens (1 ♀, 3 ♂) collected at the type-locality by F.C. DRESCHER.

Genus **Ceresium** NEWMAN, 1842

**Ceresium lieftincki** GRESSITT

*Ceresium lieftincki* GRESSITT, Pac. Ins. 1, 1959: 110.

HOLOTYPE: BM — 2792, ♂, Urapura (Ugapuga), 1530 m, Kamo Valley, Pinai Lake (Wisselmeer), W. Irian, August 15, 1955, GRESSITT coll.

PARATYPE:

MZB. no. Col. 1136, 1 ex., "Araucaria Camp", 800 m, W. Irian, March 19, 1939, L.J. TOXOPEUS coll. (3rd. Archbold Exp.).

Described from 16 specimens collected from various localities in West and East Irian.

Genus **Contoderus** THOMSON, 1864

**Contoderus setosus** FISHER

*Contoderus setosus* FISHER, Tijdschr. v. Ent. 79, 1936: 196.

HOLOTYPE: USNM, Nusa Kambangan Isl., July 19 - 24, 1926, F.C. DRESCHER coll.

PARATYPE:

MZB. no. Col. 1129, 1 ex., Nusa Kambangan Isl., March 23, 1930, F.C. DRESCHER coll.

Described from 2 specimens collected at the type-locality.

Genus **Enispia** PASCOE, 1865

**Enispia drescheri** FISHER

*Enispia drescheri* FISHER, Tijdschr. v. Ent. 79, 1936: 190.

HOLOTYPE: USNM, Mt. Tangkubanprahu, 4000 - 5000 ft., W. Java, September — December (?) 1933, F.C. DRESCHER coll.

PARATYPE:

MZB. no. Col. 332, 1 ex., Mt. Tangkubanprahu, 4000 - 5000 ft., W. Java, March 9 — April 12, 1933, F.C. DRESCHER coll.

Described from 2 specimens collected from the type-locality. The paratype bears a date record different from the one given for the holotype.

The author must have erroneously interpreted the date appearing on the label. On the label is given as 9/3 — 21/4, 1933 which actually means March 9 — April 12, 1933 according to the Dutch system of date recording.

**Enispia fasciata FISHER**

*Enispia fasciata* FISCHER, Tijdschr. v. Ent. 79, 1936: 191.

HOLOTYPE: NMS, Mt. Slamet — Baturraden, C. Java, May 1932, F.C. DRESCHER coll.

PARATYPE:

MZB. no. Col. 333, 1 ex., Mt. Slamet — Baturraden, C. Java, March 1933, F.C. DRESCHER coll.

Described from 2 specimens, both collected from the type-locality.

Genus **Epepeotes** PASCOE, 1866

**Epepeotes luscus** var. *suburiformis* GILMOUR & BREUNING

*Epepeotes luscus* var. *suburiformis* GILMOUR & BREUNING, Treubia 26, 1963: 125, pl. I, fig. 6.

HOLOTYPE: GILMOUR Collection, ♀, Sebuku Isl., S. Sumatra, April — June 1955, A.M.R. WEGNER coll.

PARATYPE:

MZB. no. Col. 748, 1 ♀, Sebuku Isl., S. Sumatra, June 15, 1955, A.M.R. WEGNER coll.

Described from 2 females from Sebuku Isl..

Genus **Exocentrus** MULSANT, 1839

**Exocentrus actinophorae** FISHER

*Exocentrus actinophorae* FISHER, Stylops 3, 1934: 38.

HOLOTYPE: USNM — ♂, Semarang, C. Java, reared from dead *Grevia paniculata* and *Actinophora fragans*, June 1931, collected in a teak forest by L.G.E. KALSHOVEN.

PARATYPE:

MZB. no. Col. 362, 1 ex., Madiun — Walikukun, E. Java, May 13, 1929, FR. A. TH. VERBEEK coll.

Described from 6 specimens collected from Semarang (L.G.E. KALSHOVEN coll.), Rembang and Madiun both in E. Java (FR. A. TH. VERBEEK coll.).

**Exocentrus artocarpi FISHER**

*Exocentrus artocarpi* FISHER, Stylops 3, 1934: 40.

HOLOTYPE: USNM — ♀, Bogor — W. Java, reared from dead *Artocarpus integra* and *Ficus variegata*, during March — April 1931, L.G.E. KALSHOVEN coll.

PARATYPE:

MZB. no. Col. 356, 1 ex., Semarang — C. Java, August 1931, L.G.E. KALSHOVEN coll.

Described from 6 specimens collected from the type-locality and Semarang, C. Java.

**Exocentrus bauhiniae FISHER**

*Exocentrus bauhiniae* FISHER, Stylops 3, 1934: 37.

HOLOTYPE: USNM — ♀, Kediri — E. Java, 1924, L.G.E. KALSHOVEN coll.

PARATYPE:

MZB. no. Col. 358, 1 ex., Banjumas — Djeruklegi, C. Java, October 23, 1931, F.C. DRESCHER coll.

MZB. no. Col. 357, 1 ex., Gedangan — C. Java, March — April 1933, L.G.E. KALSHOVEN coll.

Described from 8 specimens collected from the type-locality and Semarang (L.G.E. KALSHOVEN coll.), Gedangan (L.G.E. KALSHOVEN coll.), Banjumas (F.C. DRESCHER coll.), in E. Java and Bogor in W. Java (L.G.E. KALSHOVEN coll.).

**Exocentrus drescheri FISHER**

*Exocentrus drescheri* FISHER, Stylops 3, 1934: 41.

HOLOTYPE:

MZB. no. Col. 359 (ex DRESCHER Collection), a female specimen, Mt. Slamet — Baturraden, C. Java, April 24, 1932, F.C. DRESCHER coll.

PARATYPE:

MZB. no. Col. 360 (ex DRESCHER Collection), 1 ex., Mt. Slamet — Baturraden, C. Java, May 1, 1928, F.C. DRESCHER coll.

MZB. no. Col. 361 (ex DRESCHER Collection), 2 ex., Mt. Slamet — Baturraden, C. Java, April 1932, F.C. DRESCHER coll.

Described from 6 specimens all collected from the type-locality.

**Exocentrus kalshoveni FISHER**

*Exocentrus kalshoveni* FISHER, Stylops 3, 1934: 39.

HOLOTYPE: USNM — ♂, Rembang — E. Java, June 11, 1927, FR. A. TH. H. VERBEEK coll.

## PARATYPE:

MZB. no. Col. 365, 1 ex., Banjumas — Djeruklegi, C. Java, June 21, 1930, F.C. DRESCHER coll.

Described from 4 specimens collected from the type-locality and Banjumas (F.C. DRESCHER coll.).

**Exocentrus tectonae** FISHER

*Exocentrus tectonae* FISHER, Stylops 3, 1934: 36.

HOLOTYPE: USNM — ♂, Semarang — C. Java, reared from a dead teak (*Tectona grandis*), October 28, 1927, collected in a teak forest by L.G.E. KALSHOVEN.

## PARATYPE:

MZB. no. Col. 363, 1 ex., Rembang — C. Java, May 3, 1926, FR. A. TH. H. VERBEEK coll.

Described from 5 specimens collected from the type-locality and Rembang in C. Java (FR. A. TH. H. VERBEEK coll.).

Genus **Miaenia** PASCOE, 1864**Miaenia minuta** FISHER

*Miaenia minuta* FISHER, Tijdschr. v. Ent. 79, 1936: 197.

HOLOTYPE: USNM, Mt. Tangkubanprahu — W. Java, Oktober 10, 1928, F.C. DRESCHER coll.

## PARATYPE:

MZB. no. Col. 1130, 1 ex., Mt. Tangkubanprahu, 4000 - 5000 ft., W. Java, December 1933, F.C. DRESCHER coll.

MZB. no. Col. 1131, 1 ex., Mt. Tangkubanprahu, 4000 - 5000 ft., W. Java, May 1934, F.C. DRESCHER coll.

Described from 4 specimens collected from the type-locality.

Genus **Neogesina** FISHER, 1925**Neogesina javana** FISHER

*Neogesina javana* FISHER, Tijdschr. v. Ent. 79, 1936: 193.

HOLOTYPE: USNM, Mt. Tangkubanprahu, 4000 - 5000 ft., W. Java, May 1933, F.C. DRESCHER coll.

## PARATYPE:

MZB. no. Col. 331, 2 ex., Mt. Tangkubanprahu, 4000 - 5000 ft., May 1933, F.C. DRESCHER coll.

Described from 4 specimens collected at the type-locality.

Genus **Niphona** MULSANT, 1937

**Niphona mucronata** SCHWARZER

*Niphona mucronata* SCHWARZER, Senckenbergiana 13, 1931: 207, fig. 20.

HOLOTYPE: NMS — Col. 151, Long Petak, 1170 m, C.E. Kalimantan, date not mentioned in the description, ENDERT coll.

PARATYPE:

MZB. no. Col. 1122, 1 ex., Long Petak, 1170 m, C.E. Kalimantan, October 15 - 21, 1925, ENDERT coll.

No data available on the number of specimens examined.

Genus **Oberea** MULSANT, 1839

**Oberea drescheri** FISHER

*Oberea drescheri* FISHER, Treubia 16, 1937: 201.

HOLOTYPE: USNM — ♀, Mt. Slamet — Baturraden, 800 m, C. Java, date not clearly indicated, F.C. DRESCHER coll.

PARATYPE:

MZB. no. Col. 352, 1 ♀, Mt. Tangkubanprahu, 4000 - 5000 ft., W. Java, April 26, 1929, F.C. DRESCHER coll.

MZB. no. Col. 353, 1 ♀, Mt. Slamet — Baturraden, C. Java, April 10, 1927, F.C. DRESCHER coll.

MZB. no. Col. 354, 1 ♀, Mt. Slamet — Baturraden, 800 m, C. Java, May 15, 1927, F.C. DRESCHER coll.

Described from 6 females collected at the type-locality and Mt. Tangkubanprahu in W. Java.

**Oberea insularis** FISHER

*Oberea insularis* FISHER, Treubia 16, 1937: 198.

HOLOTYPE: USNM — ♂, Nusa Kambangan Isl., December 1925, F.C. DRESCHER coll.

PARATYPE:

MZB. no. Col. 348, 1 ex., Mt. Tjisuru — Djampang Tengah, 600 - 700 m, December 1934, Mrs. M.E. WALSH coll.

Described from 4 specimens collected from the type-locality and Mt. Tjisuru in W. Java (Mrs. M.E. WALSH coll.).

**Oberea javaensis** FISHER

*Oberea javaensis* FISHER, Treubia 16, 1937: 197.

HOLOTYPE: USNM — ♂, Mt. Slamet — Baturraden, C. Java, the date was not mentioned in the description, F.C. DRESCHER coll.

PARATYPE:

MZB. no. Col. 339, 1 ex., Mt. Tjisuru — Djampang Tengah, 600 - 700 m, W. Java, January 1935, Mrs. M.E. WALSH coll.

MZB. no. Col. 340, 1 ex., Babakan — C. Java, March 27, 1933, F.C. DRESCHER coll.

MZB. no. Col. 343, 1 ex., Banjumas — Kubangkangkung, 25 m, C. Java, April 3, 1927, F.C. DRESCHER coll.

MZB. no. Col. 344, 1 ex., Banjumas — Kubangkangkung, C. Java, November 26, 1931, F.C. DRESCHER coll.

MZB. no. Col. 347, 1 ex., Idjen Plateau — Blawan Est., 900 - 1500 m, E. Java, December 1933, L.J. TOXOPEUS coll.

MZB. no. Col. 341, 1 ex., Mt. Raung — Idjen vulcano, 2100 m, E. Java, December 1935, L.J. TOXOPEUS coll.

MZB. no. Col. 342, 2 ex., Mt. Raung — Bajukidul, 450 - 700 m, E. Java, December 12, 1935, H. LUCHT coll.

MZB. no. Col. 345, 1 ex., Mt. Raung — Bajukidul, 450 - 700 m, E. Java, December 14, 1935, H. LUCHT coll.

Described from 39 specimens, collected at the type-locality and Mt. Tangkubanprahu (F.C. DRESCHER coll.), Mt. Tjisuru (Mrs. M.E. WALSH coll.), in W. Java and Blawan — Mt. Raung (L.J. TOXOPEUS coll.), Bajukidul — Mt. Raung (DRESCHER and LUCHT coll.) in E. Java and Nusa Kambangan Isl. (F.C. DRESCHER coll.).

**Oberea luchtii** FISHER

*Oberea luchtii* FISHER, Treubia 16, 1937: 200.

HOLOTYPE: USNM — ♂, Mt. Raung (Idjen — Kendeng Mountains), 1100 m, E. Java, December 22, 1931, H. LUCHT coll.

PARATYPE:

MZB. no. Col. 349, 2 ♀, Mt. Kendeng — E. Java, December 22, 1931, H. LUCHT coll.

Described from 4 specimens (1 ♂, 3 ♀) collected from the type-locality.

**Oberea montivagans** FISHER

*Oberea montivagans* FISHER, Treubia 16, 1937: 202.

HOLOTYPE: USNM — ♀, Mt. Tangkubanprahu, 1400 m, W. Java, November 28, 1928, F.C. DRESCHER coll.



PARATYPE:

MZB. no. Col. 355, 1 ♀, Mt. Tangkubanprahu, 4000 - 5000 ft., W. Java, March 1934, F.C. DRESCHER coll.

The description was based on 2 females from the type-locality.

**Oberea walshae FISHER**

*Oberea walshae* FISHER, Treubia 16, 1937: 199.

HOLOTYPE: USNM — ♀, Djampang, 600 - 700 m, W. Java, October 1934 Mrs. M.E. WALSH coll.

PARATYPE:

MZB. no. Col. 351, 1 ♀, Djampang Tengah, 2000 ft., W. Java, October 1934, Mrs. M.E. WALSH coll.

Described from 2 females collected at the type-locality.

Genus **Phelipara** PASCOE, 1866

**Phelipara vittula SCHWARZER**

*Phelipara vittula* SCHWARZER, Senckenbergiana 13, 1931: 209, fig. 18.

HOLOTYPE: NMS — Col. 154, Marah — N.E. Kalimantan, date not mentioned in the description, H.C. SIEBERS coll.

PARATYPE:

MZB. no. Col. 1127, 2 ex. (♂, ♀), Marah — E. Kalimantan, November 10 - 28, 1925, H.C. SIEBERS coll.

The number of specimens examined was not mentioned.

Genus **Platyzeargyra** FISHER, 1925

**Platyzeargyra javana FISHER**

*Platyzeargyra javana* FISHER, Stylops 3, 1934: 35.

HOLOTYPE:

MZB. no. Col. 338 (ex. DRESCHER Collection), male (?) specimens, Mt. Slamet — Baturraden, C. Java, February 22, 1932. F.C. DRESCHER coll.

PARATYPE:

MZB. no. Col. 337 (ex. DRESCHER Collection), 1 ex., Mt. Slamet — Baturraden, C. Java, February 22, 1932, F.C. DRESCHER coll.

Described from 3 specimens, probably all males, collected at the type-locality by F.C. DRESCHER.

Genus *Pseudoglenea* GILMOUR & BREUNING, 1963*Pseudoglenea densepuncticollis* GILMOUR & BREUNING

*Pseudoglenea densepuncticollis* GILMOUR & BREUNING, Treubia 26, 1963: 130, Pl. II, fig. 8.

HOLOTYPE: GILMOUR Collection — ♀, Tabang — Bengen River, 125 m, E. Kalimantan, September 17, 1956, A.M.R. WEGNER coll.

## PARATYPE:

MZB. no. Col. 750, 1 ♀, Tabang — Bengen River, 125 m, E. Kalimantan, October 21, 1956, A.M.R. WEGNER coll.

Described from 2 females collected from the type-locality.

Genus *Pterolophia* NEWMAN, 1842*Pterolophia* (s. str.) *melanura baweanensis* GILMOUR & BREUNING

*Pterolophia* (s. str.) *melanura baweanensis* GILMOUR & BREUNING, Treubia 26, 1963: 123, Pl. I, fig. 3.

HOLOTYPE: GILMOUR Collection — ♂, Bawean Isl., June 3, 1954, A. HOOGERWERF coll.

## PARATYPE:

MZB. no. Col. 749, 1 ♂, Bawean Isl., May 30, 1954, A. HOOGERWERF coll.

Described from 3 specimens (2 ♂, 1 ♀) collected from the type locality.

Genus *Rucentra* SCHWARZER, 1931*Rucentra dammermani* SCHWARZER

*Rucentra dammermani* SCHWARZER, Senckenbergiana 13, 1931: 199, fig. 1.

HOLOTYPE: NMS — Col. 142, Idjen — 1850 m, E. Java, date not mentioned in the description, DAMMERMAN coll.

## PARATYPE:

MZB. no. Col. 1123, 1 ex., Idjen — Ongop Ongop, 1850 m, E. Java, May 1924, DAMMERMAN coll.

The number of specimens examined was not mentioned.

*Rucentra dammermani melancholica* SCHWARZER

*Rucentra dammermani melancholica* SCHWARZER, Senckenbergiana 13, 1931: 119, fig. 4.

HOLOTYPE: NMS — Col. 144, Idjen — 1850 m, E. Java, no date mentioned in the description, DAMMERMAN coll.

PARATYPE:

MZB. no. Col. 1125, 1 ex., Idjen — Ongop Ongop, 1850 m, E. Java, May 1924, DAMMERMAN coll.

The number of specimens examined was not mentioned.

**Rucentra dammermani posticata** SCHWARZER

*Rucentra dammermani posticata* SCHWARZER, Senckenbergiana 13, 1931: 199, fig. 2.

HOLOTYPE: NMS — Col. 143, Idjen — 1850 m, E. Java, date was not mentioned in the description, DAMMERMAN coll.

PARATYPE:

MZB. no. Col. 1124, 1 ex., Idjen — Ongop Ongop, 1850 m, E. Java, May 1924, DAMMERMAN coll.

The number of specimens examined was not mentioned.

Genus **Sybra** PASCOE, 1865

**Sybra bisignata** SCHWARZER

*Sybra bisignata* SCHWARZER, Senckenbergiana 13, 1931: 208, fig. 17.

HOLOTYPE: NMS — Col. 153, Kendeng — Idjen, 1400 m, E. Java, date was not mentioned in the description, DAMMERMAN coll.

PARATYPE:

MZB. no. Col. 1126, 1 ex., Kendeng — Idjen, 1400 m, E. Java, June 1924, DAMMERMAN coll.

Described from 3 specimens (2 ♂, 1 ♀), from the type-locality.

**Sybra drescheri** FISCHER

*Sybra drescheri* FISHER, Tijdschr. v. Ent., 79, 1936: 195.

HOLOTYPE: USNM, Mt. Slamet — Baturraden, C. Java, March 1931, F.C. DRESCHER coll.

PARATYPE:

MZB. no. Col. 330, 1 ex., Mt. Slamet — Baturraden, C. Java, May 1, 1928, F.C. DRESCHER coll.

MZB. no. Col. 336, 1 ex., Mt. Slamet — Baturraden, C. Java, September 1, 1932.

Described from 4 specimens all collected at the type-locality by F.C. DRESCHER.

Genus **Tmesisternus** LATREILLE, 1829

**Tmesisternus gabrieli** SCHWARZER

*Tmesisternus gabrieli* SCHWARZER, Senckenbergiana 13, 1931: 69.

HOLOTYPE: NMS — Col. 125, Membramo — W. Irian, date was not mentioned in the description, DOCTERS VAN LEEUWEN coll.

## PARATYPE:

MZB. no. Col. 1128, 1 ex., Membramo — "Albatros bivak", W. Irian, 1926, DOCTERS VAN LEEUWEN coll.

The number of specimens examined was not mentioned.

Phylum MOLLUSCA<sup>2)</sup>  
 Class GASTROPODA  
 Subclass PROSOBRANCHIA  
 Order MESOGASTROPODA  
 Family Cyclophoridae  
 Genus *Pupinella* GRAY, 1850

***Pupinella xanthostoma* VAN BENTHEM JUTTING**

*Pupinella xanthostoma* VAN BENTHEM JUTTING, Nova Guinea 17 (Zool.) 1933: 13, fig. 13.

HOLOTYPE: repository not mentioned, "Doormanpadbivak", 1600 - 1700 m, W. Irian, October 27, 1920, W.C. VAN HEURN coll.

## PARATYPE:

MZB. no. Gst. 091, 2 ex., "Doormanpadbivak", 1600 - 1700 m, W.C. VAN HEURN coll. One shell with a broken peristome.

Described from 44 specimens (18 adults and 26 juveniles) collected from a mouldy marrow of a decaying stem of Nibung palm (*Oncosperma filamentosum* BR.).

Family **Bulimidae**  
 Genus **Wattebledia** CROSSE, 1886

***Wattebledia insularum* VAN BENTHEM JUTTING**

*Wattebledia insularum* VAN BENTHEM JUTTING, Treubia 23, 1956: 346, fig. 32.

HOLOTYPE: repository not mentioned, Tulungagung — Rawa Galapan, E. Java, September 19, 1927, A.G. VORSTMAN coll.

## PARATYPE:

MZB. no. Gst. 4491, 2 ex., Tulungagung — Rawa Galapan, September 19, 1927, A.G. VORSTMAN coll.

Described from 20 specimens collected from Rawa Galapan and Rawa Bening, two freshwater marshes south of Tulungagung.

Family **Thiaridae**  
 Genus **Thiara** RÖDING, 1798

<sup>2)</sup> The classification follows THIELE (1931-1935), Handbuch der systematischen Weichtierkunde, Gustav Fischer, Jena. Bd. I, II, 1154 pp.

**Thiara carolitaciturni** VAN BENTHEM JUTTING

*Thiara carolitaciturni* VAN BENTHEM JUTTING, Misc. Zool. Sum. no. 84 - 85, 1934: 8, fig. 8.

HOLOTYPE: repository not clearly indicated, most likely in ZMA; Hilisemaetano, Nias Isl., September 11, 1931, VAN DER MEER MOHR coll.

PARATYPE:

MZB. no. Gst. 143, 2 ex., Dola, Nias Isl., September 7, 1931, VAN DER MEER MOHR coll.

MZB. no. Gst. 148, 4 semiadults ex., on wet precipice along the road near Mazingo, Nias Isl., VAN DER MEER MOHR coll.

The description was based on 26 adults and several juveniles collected from several localities in Nias Isl.

Family **Potamididae**

Genus **Telescopium** MONFORT, 1810

**Telescopium mauritsi** BUTOT

*Telescopium mauritsi* BUTOT, Basteria 18, 1954: 7, Pl. I, figs. 3 - 4, Pl. II, figs. 2 - 3.

HOLOTYPE: ZMA, Legon Lentah — Panaitan Isl., Sunda Street, September 28, 1951, collected by L.J.M. BUTOT in a mangrove of *Rhizophora mucronata* vegetation.

PARATYPE:

MZB. no. Gst. 3809, 2 ex., Legon Lentah — Panaitan Isl., Sunda Street, September 28, 1951, L.J.M. BUTOT coll.

Described from 8 specimens collected from the type-locality and Rantau Pandjang — Deli, N. Sumatra.

Subclass PULMONATA

Order STYLOMMATOPHORA

Family **Subulinidae**

Genus **Prosopeas** MORCH, 1876

**Prosopeas obelisciforme** VAN BENTHEM JUTTING

*Prosopeas obelisciforme* VAN BENTHEM JUTTING, Misc. Zool. Sum. no. 84 - 85: 12, figs. 9 - 10.

HOLOTYPE: repository not clearly indicated, most likely in ZMA, collected by VAN DER MEER MOHR from Mojo near Gunungsitoli, Nias Isl., September 5, 1931.

PARATYPE:

MZB. no. Gst. 262, 2 ex., Gunungsitoli, Nias Isl., September 5, 1931, VAN DER MEER MOHR coll.

MZB. no. Gst. 263, 2 ex., in forest and ladang near Tegindawa cave, Nias Isl., September 4, 1931, VAN DER MEER MOHR coll.

Described from 27 specimens collected from several localities in Nias Isl.

Family **Ariophantidae**

Genus **Asperitas** GUDE, 1911

**Asperitas inquinata batudulangensis** RENSCH

*Asperitas inquinata batudulangensis* RENSCH, Zool. Jahrb. (Syst.) 60, 1931: 439, Pl. V, Fig. 9.

HOLOTYPE: ZMB, Batu Dulang, 700 - 1000 m, Sumbawa Isl., May 4 - 15, 1927, B. RENSCH coll.

PARATYPE:

MZB. no. Gast. 579, 3 ex., Batu Dulang, 600 - 850 m, May 4 - 15, 1927, B. RENSCH coll.

The description of this species was based on 7 specimens collected from the type-locality.

**Asperitas trochus mborongensis** RENSCH

*Asperitas trochus mborongensis* RENSCH, Zool. Jahrb. (Syst.) 63, 1932: 18, Pl. I, Fig. 31.

HOLOTYPE: ZMB, Mborong, Flores Isl., April 2 - 4, 1927, B. RENSCH coll.

PARATYPE:

MZB. no. Gst. 578, 4 young specimens, Mborong, Flores Isl., April 2 - 4, 1927, B. RENSCH coll.

Described from 3 adults and 12 juveniles collected from the type-locality.

Genus **Helicarion** FERUSSAC, 1821

**Helicarion novaeguineae** var. **brunnea** VAN BENTHEM JUTTING

*Helicarion novaeguineae* var. *brunneae* VAN BENTHEM JUTTING, Nova Guinea (Zool.), 17, 1933: 25.

HOLOTYPE: repository was not mentioned in the description, collected by W.C. VAN HEURN from "Doormanpadbivak", 1410 m, W. Irian, October 1920.

PARATYPE:

MBZ. no. Gst. 1061, 2 ex. (an adult and a juvenile), "Doormanpadbivak", W. Irian, October 1920, W.C. VAN HEURN coll.

Described from 7 specimens (4 adults and 3 juveniles) collected from the type-locality.

Genus **Lamprocystis** PFEIFFER, 1883

**lamprocystis castaneovitrina** RENSCH

*Lamprocystis castaneovitrina* RENSCH, Zool. Jahrb. (Syst.) 63, 1932: 58, Pl. II  
ig. 24.

HOLOTYPE: ZMB, Batu Dulang, Sumbawa Isl., May 15, 1927, B. RENSCH coll.

PARATYPE:

MZB. no. Gst. 1061, 2 ex. (semiadult), Batu Dulang, Sumbawa Isl.,  
May 15, 1927, B. RENSCH coll.

Described from one adult and a series of semiadult specimens, all  
collected from the type-locality, under dry leaves and decaying wood in  
ain forest.

Genus **Sasakia** RENSCH, 1930

**sasakia vitrinolactea** RENSCH

*Sasakia vitrinolactea* RENSCH, Zool. Anz. 89, 1930: 75, Fig. 2.

HOLOTYPE: ZMB, Rana Mese, Flores Isl., June 19-29, 1927 B. RENSCH coll.

PARATYPE:

MZB. no. Gst. 623, 1 ex. (juvenile), Rana Mese, Flores Isl., June 19-29,  
1927, B. RENSCH coll.

The description was based on an adult and a juvenile, both were collec-  
ed from the type-locality.

Genus **Xesta** ALBERS, 1850

**Xesta colorata inexpectata** RENSCH

*Xesta colorata inexpectata* RENSCH, Zool. Anz. 89, 1930: 79.

HOLOTYPE: ZMB, Sumbawa Besar, May 3, 1927, B. RENSCH coll.

PARATYPE:

MZB. no. Gst. 580, 6 ex. (4 adults and 2 juveniles), Sumbawa Besar,  
May 3, 1927, B. RENSCH coll.

Described from 33 specimens all collected from the type-locality.

**Xesta rookmakeri** RENSCH

*Xesta rookmakeri* RENSCH, Zool. Anz. 89, 1930: 76, Fig. 4.

HOLOTYPE: ZMB, Geli Mutu vulcano, 1500 m, Flores Isl., July 14-20, 1927, B.  
RENSCH coll.

## PARATYPE:

MZB. no. Gst. 604, 1 ex. (juvenile), Geli Mutu vulcano, 1500 m, July 14 - 20, 1927, B. RENSCH coll.

Described from 2 adults and 1 juvenile collected from the type-locality.

**Xesta trochus badjavensis** RENSCH

*Xesta trochus badjavensis* RENSCH, Zool. Anz. 89, 1930: 78.

HOLOTYPE: ZMB, Badjawa, 1200 m, Flores Isl., April 5, 1927, B. RENSCH coll.

## PARATYPE:

MZB. no. Gst. 581, 8 ex., Badjawa, Flores Isl., April 5, 1927, B. RENSCH coll.

Described from 55 specimens all collected from the type-locality.

Family **Pleurodontidae**Genus **Amphidromus** ALBERS, 1850**Amphidromus banksi** BUTOT

*Amphidromus banksi* BUTOT, Treubia 23, 1955: 127, figs. 29a-c, Pl. V.

HOLOTYPE: ZMA, Mt. Kadam — Panaitan Isl., Sunda Street, September 19, L.J. BUTOT coll.

## PARATYPE:

MZB. no. Gst. 3570, 9 ex., Panaitan Isl., September 2 - 26, 1951, L.J.M. BUTOT coll.

Described from more than 150 specimens all collected from Panaitan Isl.

**Amphidromus poecilochrous asmani** DJAJASMITA

*Amphidromus poecilochrous asmani* DJAJASMITA, Treubia 26, 1963: 60, fig. 4.

## HOLOTYPE:

MZB. no. Gst. 6016 — 1, adult specimen, Komodo Isl., October 21 - 24, 1961. ASMAN coll.

## PARATYPE:

MZB. no. Gst. 6016 — 2-4, 3 ex. (juveniles), Komodo Isl., October 21 - 24, 1961, ASMAN coll.

MZB. no. Gst. 6017, 1 ex. (juvenile), Komodo Isl., August 20, 1962, ASMAN coll.

Described from 5 specimens (1 adult and 4 juveniles), from Komodo Isl.



**Amphidromus poecilochrous candidus** DJAJASASMITA

*Amphidromus poecilochrous candidus* DJAJASASMITA, Treubia 26, 1963: 58, Figs. 2-3.

**HOLOTYPE:**

MZB. no. Gst. 6013 — 6, a specimen from Komodo Isl., collected by ASMAN on August 5, 1962.

**PARATYPE:**

MZB. no. Gst. 6013 — 1-5, 6103 — 7-23, ex., Komodo Isl., August 5, 1962, ASMAN coll.

MZB. no. Gst. 6040, 1 ex., Komodo Isl., October 21-24, 1961, ASMAN coll.

Described from 24 specimens, all were collected by ASMAN from Komodo Isl.

**Genus Pseudopartula** PFEIFFER, 1855

**Pseudopartula arborascens** BUTOT

*Pseudopartula arborascens* BUTOT, Treubia 23, 1955: 129, figs. 30a-c, 31, 32.

**HOLOTYPE:** ZMA, Tjiharashas region — Panaitan Isl., September 3, 1951, L.J.M. BUTOT coll.

**PARATYPE:**

MZB. no. Gst. 3566, 4 ex., Panaitan Isl., September 2, 1951, L.J.M. BUTOT coll.

MZB. no. Gst. 6050, 3 ex., Panaitan Isl., September 11, 1951, L.J.M. BUTOT coll.

MZB. no. Gst. 6051, 2 ex. (adult and juvenile), Panaitan Isl., September 4-18, 1951, L.J.M. BUTOT coll.

Described from 30 specimens collected from several localities in Panaitan Isl.

**Pseudopartula arborascens** var. *rosea* BUTOT

*Pseudopartula arborascens* var. *rosea* BUTOT, Treubia 23, 1955: 130, fig. 30 b.

**HOLOTYPE:** ZMA, Tjiharashas region — Panaitan Isl., September 5, 1951, L.J.M. BUTOT coll.

**PARATYPE:**

MZB. no. Gst. 6052, 1 ex., Tjiharashas region — Panaitan Isl., September 2, 1951, L.J.M. BUTOT coll.

The description was based on 3 specimens collected from the type-locality.

Class PELECYPODA  
 Order EULAMELLIBRANCHIATA  
 Family Sphaeriidae  
 Genus *Pisidium* PFEIFFER, 1821

***Pisidium floresianum* RENSCH**

*Pisidium floresianum* RENSCH, Zool. Jahrb. (Syst.) 65, 1934: 418, fig. 9.

HOLOTYPE: ZMB, Lake Rana Mese, Flores Isl., June 23, 1927, B. RENSCH coll.

PARATYPE:

MZB. no. Pel. 042, 1 ex., Rana Mese, Flores Isl., June 23, 1927, B. RENSCH coll., in spirit.

Described from a small series of specimens collected from the type-locality.

***Pisidium javanum* VAN BENTHEM JUTTING**

*Pisidium javanum* VAN BENTHEM JUTTING, Treubia 13, 1931: 12, figs. 14a - c.

HOLOTYPE:

MZB. no. Pel. 034, a specimen from lake of Tjigombong, 500 m, in W. Java, collected by VAN BENTHEM JUTTING on September 1, 1930, in spirit.

PARATYPE:

MZB. no. Pel. 034, 8 ex., data as for the holotype, in spirit.

MZB. no. Pel. 038, 9 ex., Diëng Plateau, E. Java, August 11, 1930, VAN BENTHEM JUTTING coll., in spirit.

Described from 26 specimens, collected by VAN BENTHEM JUTTING from the type-locality and from a pool near Dolog River — Diëng Plateau, E. Java.

Genus *Sphaerium* SCOPOLI, 1777

***Sphaerium buruense* VAN BENTHEM JUTTING**

*Sphaerium buruense* VAN BENTHEM JUTTING, Treubia 7 supp., 1927: 33, fig. 12.

SYNTYPE:

MZB. no. Pel. 025, 1 ex., in a swamp between Wai Eno and Nal Besi, Buru Isl., L.J. TOXOPEUS coll., in spirit.

Described from 4½ specimens collected from the type locality.

***Sphaerium javanum* VAN BENTHEM JUTTING**

*Sphaerium javanum* VAN BENTHEM JUTTING, Treubia 13, 1931: 13, fig. 15.

HOLOTYPE: the description mentions the type being deposited in MZB. Not a single specimen out of the 8 shells in one tube which are labelled as TYPE and PARATYPE has the measurement of the type specimen.

PARATYPE:

MZB. no. Lam. 039, 8 ex., in a pool near Dolog River — Diëng Plateau,  
E. Java, August 11, 1930, VAN BENTHEM JUTTING coll., in spirit.  
Described from 27 specimens collected from the type-locality.

Phylum ECHINODERMATA  
Class OPHIUROIDEA  
Order OPHIURIDA  
Family **Gorgonocephalidae**  
Genus **Astrothorax** DOEDERLEIN, 1911

**astrothorax liberator** KOEHLER

*Astrothorax liberator* KOEHLER, Vidensk. Medd. fra Dansk naturh. Foren., 89,  
30: 11. Pl. II, fig. 2-5 and 7-9.

SYNTYPE:

MZB no. Oph. 037, 1 ex., Kei Isl., Station 59, 385 m., May 12, 1922,  
TH. MORTENSEN coll. In spirit. Labelled as paratype.

The description gives no details on the number of specimens examined  
and none was indicated as holotype.

Family **Ophiotrichidae**  
Genus **Ophiothrix** MUELLER & TROSCHEL, 1842

**ophiothrix accedens** KOEHLER

*Ophiothrix accedens* KOEHLER, Vidensk. Medd. fra Dansk naturh. Foren., 89,  
30: 156. Pl. XII, fig. 8, 9 and Pl. XII, fig. 1, 2.

SYNTYPE:

MZB no. Oph. 045, 1 ex., Ambon (Amboine), 90 m., February 1922,  
TH. MORTENSEN coll. In spirit. Labelled as "cotype".

The description gives no details on the number of specimens examined  
and none was indicated as holotype.

Family **Ophiacanthidae**  
Genus **Ophiomitrella** VERRILL, 1899

**ophiomitrella fidelis** KOEHLER

*Ophiomitrella fidelis* KOEHLER, Vidensk. Medd. fra Dansk naturh. Foren., 89,  
30: 72. Pl. VII, fig. 4, 5.

SYNTYPE:

MZB no. Oph. 036, 1 ex., Kei Isl., Station 56, 345 m., May 10, 1922,  
TH. MORTENSEN coll. In spirit.

The description gives no details on the number of specimens examined  
and none was indicated as holotype.