The Type Material of Pseudophyllidae (Orthoptera) in the Museum and Institute of Zoology PAS, Warsaw

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Abstract. A list of the 233 type specimens belonging to the 141 species of the family Pseudophyllidae (Orthoptera) which are preserved in the Museum and Institute of Zoology PAS in Warsaw is given, of these 55 are holotypes, 30 – paratypes, 141 – syntypes, 5 lectotypes and 2 – paralectotypes. A paralectotype for Pantecphylus cerambycinus KARSCH is recognized.

Key words. Orthoptera, Pseudophyllidae, type specimens.

INTRODUCTION

The family Pseudophyllidae, one of the most attractive among the orthopterans, in the collection of the Museum and Institute of Zoology PAS is represented by 324 species, and by 994 identified specimens and some unidentified ones. The majority of the Pseudophyllidae material comes from the so-called DOHRN’s collection (once stored at the Museum in Szczecin). Most of specimens were identified at the end of the 19th century by C. BRUNNER VON WATTENWYL and the rest by H. DOHRN, F. KARSCH and G. ENDERLEIN. At the beginning of the 1940s, this material was studied by Max BEIER. The type specimens belong to the species described mainly by the above mentioned authors.

On the turn of the 19th century, Dr. Heinrich DOHRN, a well-known entomologist from the Museum in Szczecin, collected material in different regions of the world, mainly in Australasia, Indonesia and South America. He elaborated a part of this material, including some orthopterans. In 1888, he described some species of Pseudophyllidae, including five from his own collection. The type specimens of these species are in the collection of the Museum and Institute of Zoology PAS. These specimens have red labels bearing the inscription “Type” and determination labels of M. BEIER but there are no determination labels of H. DOHRN.

In 1895, C. BRUNNER VON WATTENWYL published the first monograph on the Pseudophyllidae that contained descriptions of 273 new species, including those of 66 species based on material from the DOHRN collection. C. BRUNNER never designated holotypes, he never gave the number of specimens studied. However, he cited all collections possessing specimens of a new species after its description, measurements and sites of collecting. Therefore all specimens cited by him should be treated as “syntypes”.

Some data considered a terra typica in BRUNNER’s descriptions are partially discordant with data on the labels, generally the contents of the labels is shorter. For example, a single known specimen of Acauloplax asiatica is labelled “Minahassa”, while C. BRUNNER VON WATTENWYL cited “Minahassa in insula Celebes”.

BRUNNER’s type specimens are labelled “Type” in red or “Co=Typus” in yellow. M. BEIER designated types among some of BRUNNER’s type specimens but only some of these can be considered as lectotypes.

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In 1917, Günter ENDERLEIN described three species of *Pseudophyllidae* from the DOHRN collection. All the type specimens carry ENDERLEIN’s determination labels with the inscription “Type” and red labels with “Type”. They should be treated as syntypes (specimens of *Mimetica pehkei*) or lectotype and paratype (specimens of *Tanusiella guttifera*, by designation of M. BEIER) or holotype (*Typophyllum lacinipennis* described from a single specimen).

Max BEIER worked on the collection of *Pseudophyllidae* in Szczecin at the beginning of 1940s (during World War II). On the basis of this material he later described 44 species between 1944 and 1962. As a rule, the type specimens have BEIER’s determination labels with information according to the sex of a given specimen and to the status of a type (type=holotype, allotype, paratype). Type specimens also carry red labels with “Type”.

Probably after 1944, M. BEIER had no occasion to see the types he himself designated from the material in Szczecin. This resulted in some errors in the descriptions of species (incorrect label numbers, improper sex in one case, etc.).

In our collection there is one specimen of a never described species *Parapleminia fruhstorferi* carrying BEIER’s determination label with a new name and a red label with “Type”. A similar case is with the subspecies *Cocconotus adustus granatus* never described by BEIER.

For some species at first M. BEIER designated specimens from the DOHRN collection as types (they have his determination labels with “Type!”). Many years later, while describing these species M. BEIER changed his earlier decision and he took into consideration only specimens from collections other than DOHRN’s. Such was the case with *Promeca brachypterata, Panoploscelis specularis, P. scudderii, Schedocentrus nigrescens, Sch. steinbachi* – our specimens have BEIER’s determination labels with “Type!” yet they should not be considered types because he did not mention them in the original descriptions.

About 90% of the specimens of *Pseudophyllidae* in our collection have BEIER’s determination labels, very often with “Type!”! Nearly all types of BRUNNER VON WATTENWYL carry this sort of labels and notes (with the exception of specimens whose determination was changed by BEIER). This is often inconsistent with BEIER’s later decision to designate the types of BRUNNER VON WATTENWYL’s species from other collections. For example, *Bliastes viridifolius* was described by BRUNNER VON WATTENWYL on the basis of specimens from the collections in Szczecin and in Vienna. One of the two female type specimens in our collection has BEIER’s determination label with “Type!”, the other with “Paratype!” but neither was cited as a type specimen in BEIER’s monograph from 1960. He must have taken into consideration only the specimen from Vienna.

The list of type specimens given below has a similar structure to that published earlier in the Bulletin. The species are listed in alphabetical order by the original genus and species. After information about the status of a given type specimen, its sex and the number in our type base, the contents of all labels is given. For example, Amazonas viridifolia x Brunn means: Amazonas – locality; viridifolia – species name, x mark of type specimen, Brunn – abbreviation of the name BRUNNER VON WATTENWYL. Then follows information about the condition of the specimen (if it is damaged). In some cases information about nomenclatorial changes is also given as “Remarks”.

All type specimens also carry the museum registration labels of two kinds: one (red) with the number of the type, the other (white) with a printed note “Mus. Zool. Polonicum Warszawa 12/45”.

**LIST OF SPECIMENS**


PARATYPE female (No. 2162) with labels: “Key Inseln”, “Papuarium ng. Insulare n. sp. det. Beier Paratype! ?”.

*Acauloplax asiatica* BRUNNER VON WATTENWYL, 1895: 81

LECTOTYPE male (No. 2163) with labels: “Minahassa”, “asiatica x Brunn”, “Papuarium asiaticum Br. W. Type det. Beier σ”.

Remarks. Species described probably on the basis of a single specimen but BRUNNER VON WATTENWYL did not note this clearly. BEIER (1962) designated only a specimen mentioned above as the type (= lectotype).
Adapantus longipennis BEIER, 1954: 356

HOLOTYPE male (No. 2164) with labels: “Kamerun Kribi 08 Lamey S.”, “354”, “Type” [a red label], “Adapantus longipennis n. sp. Type det. Beier o”.

Adenes obesus KAR SCH, 1891b: 113, f. 18

SYNTYPE male (No. 2165) with labels: “Elmina”, “Type” [a red label], “Adenus obesus Karsch σ det. Beier Type”.
SYNTYPE female (No. 2166) with labels: “Elmina”, “Type” [a red label], “333”, “Adenes obesus Karsch Ψ det. Beier Type”.

Aemasia major BRUNNER VON WATTENWYL, 1895: 196

SYNTYPE female (No. 2167) with labels: “Tapajos”, “Tapajos major x Brunn”, “Type” [a red label], “Aemasia major Br. W. Type! det. Beier Ψ”.
Remarks. The species was described only on the basis of a material from the DOHRN collection, but the number of type specimens is not known.

Aemasia viridis BRUNNER VON WATTENWYL, 1895: 196, f. 86

SYNTYPE male (No. 2168) with labels: “Huagamba”, “Type” [a red label], “Aemasia viridis Br. W. Type! det. Beier o”.
Remarks. Species was described only on the basis of a material from the DOHRN collection, but the number of type specimens is not known.

Anchiptolis excelsior BRUNNER VON WATTENWYL, 1895: 171

SYNTYPE female (No. 2169) with labels: “Cumbasi”, “365”, “Type” [a red label], “Anchiptolis excelsior Br. W. Type det. Beier Ψ”.

Anistrocercus (Myrostylus) vicinus BEIER, 1954: 465

HOLOTYPE female (No. 2170) with labels: “Guatemala”, “359” [sic! no 395 as was noted by BEIER], “Co=Typus” [a yellow label], “Type” [a red label], “Anistrocercus vicinus n. sp. Type! Ψ det. Beier”; the specimen lacks its tarsus and tibia of the right fore leg, the left antenna and most of the right antenna.
Remarks. This specimen is also the syntype of Gongrocnemis pallidespinosa BRUNNER VON WATTENWYL, 1895 (vide later).

Aprion inversus BRUNNER VON WATTENWYL, 1895: 77

SYNTYPE female (No. 2171) with labels: “Neu Guinea”, “Type” [a red label], “Austromorsimus inversus Br. W. Type det. Beier Ψ”.
Remarks. This species was described only on the basis of a material from the DOHRN collection, but the number of type specimens is not known.

Aprion obliquevenosus BRUNNER VON WATTENWYL, 1895: 76

SYNTYPE female (No. 2172) with labels: “Java”, “Type” [a red label], “Heteraprium obliquevenosus Br. W. Type det. Beier Ψ”.
SYNTYPE female (No. 2173) with label: “Java”, “Co=Typus”, [a yellow label], “Heteraprium obliquevenosus Br. W. det. Beier Ψ”.
Remarks. The male with a red label “Type” can not be considered as the type because BRUNNER VON WATTENWYL (1895) cited only the females in his original description.

Aprion rhodei BRUNNER VON WATTENWYL, 1895: 76

SYNTYPE male (No. 2174) with labels: “Neu Guinea”, “Type” [a red label], “Papuarium rhodei Br. W. Type! det. Beier ”.
SYNTYPE female (No. 2175) with labels: “Neu Guinea”, “Type” [a red label], “Tympanoptera rhodei n. sp. Type! det. Beier Ψ”.
Remarks. BEIER (1954) included this species in the genus Acauloplacella KARNY. He designated only BRUNNER’s male as the type while a female was described as Tympanoptera rhodei which for that reason has also the second museum registration label with number of the type 2388.
Aprion robustus **Brunner von Wattenwyl, 1895:** 76

SYNTYPE male (No. 2176) with labels: “Ceylon”, “Co-Typus” [a yellow label], “Ceylon robustus x Brunn.,” “Heteraprium carinatum Walk. det. Beier σ”.

SYNTYPE male (No. 2177) with labels: “Ceylon”, “Co-Typus” [a yellow label], “Heteraprium carinatum Walk. det. Beier σ”.


**Bliastes acuminatus** **Brunner von Wattenwyl, 1895:** 193

SYNTYPE female (No. 2179) with labels: “Cumbasi”, “Type” [a red label], “Cranotus acuminatus (Br. W.) Type ? det. Beier".

**Bliastes connexus** **Brunner von Wattenwyl, 1895:** 192

SYNTYPES male (No. 2180) and female (No. 2181) with labels: “Ucayali”, “Co=Typus” [a yellow label], “Cocconotus connexus Br. σ [or] ? det. Beier”.

**Bliastes laevifrons** **Brunner von Wattenwyl, 1895:** 187-188, f. 84

SYNTYPE male (No. 2182) with labels: “Venezuela”, “Venezuela laevifrons x Brun”, “Co=Typus” [a yellow label], “Cocconotus laevifrons Br. W. σ det. Beier”.

SYNTYPE male (No. 2183) with labels: “Venezuela”, “Co=Typus” [a yellow label], “Cocconotus laevifrons Br. W. σ det. Beier”.

SYNTYPES two females (No. 2184 and 2185) with labels: “Venezuela”, “Co=Typus” [yellow label], “Cocconotus laevifrons Br. W. ? det. Beier”.

**Bliastes pallidenotatus** **Brunner von Wattenwyl, 1895:** 189-190

LECTOTYPE female (No. 2186) with labels: “Cumbasi”, “Type” [a red label], “Xiphophyllum pallidenotatum (Br. W.) det. Beier ?“.

Remarks. This species was described only on the basis of a material from the DOHRN collection, but the number of type specimens is not clear. Beier (1960) designated the female mentioned above as the type (= lectotype).

**Bliastes viridifolius** **Brunner von Wattenwyl, 1895:** 191

SYNTYPE female (No. 2187) with labels: “Amazonas”, “Co=Typus” [a yellow label], “Amazonas viridifolius x Brun”, “Drepanoxiphus viridifolius Br. W. det. Beier Type ?”.

SYNTYPE female (No. 2188) with labels: “Amazonas”, “Co=Typus” [a yellow label], “Drepanoxiphus viridifolius Br. W. det. Beier ? Paratype!”

Remarks. The species was based on a material from the collections in Vienna and in Szczecin. Beier (1960) noted only female from the Brunner collection in Vienna as the type.

**Brunnea cincticollis** **Brunner von Wattenwyl, 1895:** 45

SYNTYPE male (No. 2189) with labels: “Dohrn Sumatra Soekaranda”, “Co=Typus” [a yellow label], “Brunnea cincticollis Dr. H. Dohrn determ.”, “Brunnea cincticollis Br. W. σ det. Beier”.


Remarks. Uvarov (1939) found the generic name Brunnea Br. Watt. a junior homonym (nomen preoccupied) and has changed this name for Brunneana.

**Cecentromerus marmoratus** **Brunner von Wattenwyl, 1895:** 221, f. 97

SYNTYPE female (No. 2192) with labels: “Chiriqui”,

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"Type" [a red label], "marmoratus x Brunn", "25", "Acanthodiphrus conspersus Walk. det Beier♀".
SYNTYPE female (No. 2193) with labels: "Chiriqui", "Co=Typus" [a red label], "26", "Acanthodiphrus conspersus Walk. det Beier♀".

**Championica (Auchenacophora) haenschi** BEIER, 1954: 296

HOLOTYPE female (No. 2194) with labels: "Santa Inez (Ecuad.) R. Haensch", "225", "Orpacophora haenschi n. sp. Type!♀ det. Beier".

**Championica (Championica) niepelti** BEIER, 1954: 293–294

HOLOTYPE female (No. 2195) with labels: "Ecuador Canelos Niepelt S.", "228", "Orpacophora niepelti n. sp. Type!♀ det. Beier"; the type specimen is lacking the right antenna, the right hind tarsus and the half of the right hind tibia.

**Chibchella annulipes** BEIER, 1960: 225

HOLOTYPE male (No. 2196) with labels: "Columbien Hac. Pehlke E. Pehlke S. 1929", "Type" [a red label], "Semileptotettix annulipes n. sp. det. Beier Type!♂".

**Chlorophylla rufipes** BRUNNER VON WATTENWYL, 1895: 266

SYNTYPE female (No. 2197) with labels: "Perú", "Type" [a red label], "Cycloptera aurantifolia Stoll", "Chlorophylla rufipes Dr. H. Dohrn determ.", "121", "Roxelana crassicornis Stål♀ det. Beier".

**Choeroparnops fulvus** DOHRN, 1888: 359–361

SYNTYPE male (No. 2198) with labels: "Manaos", "Type" [a red label], "Choeroparnops fulvus Dohrn det. Beier Type!♂".
SYNTYPE female (No. 2199) with labels: "Manaos", "Type" [a red label].

**Choeroparnops garleppi** DOHRN, 1888: 359–361

SYNTYPE male (No. 2200) with labels: "Perú", "Type" [a red label], "186", "Choeroparnops garleppi Dohrn det. Beier Type!♂"; the specimen is damaged.
SYNTYPE female (No. 2201) with labels: "Perú", "Type" [a red label], [specimen without the hind legs and the fore tarsi].
SYNTYPE female juvenile (No. 2202) with labels: "Perú", "Co=Typus" [a yellow label]; antennae are badly damaged.
There is also a common label before the type series: "Perú Garleppi Dohrn Hahnel".

**Choeroparnops platythorax** DOHRN, 1888: 360

HOLOTYPE female (No. 2203) with labels: "182", "Cumbasi", "Type" [a red label], "Choeroparnops platythorax Dohrn det. Beier Type!♀ = tuberculata Walker = hispida Pictet".

**Chondrodera borneensis** BRUNNER VON WATTENWYL, 1895: 80, f. 32

SYNTYPES male (No. 2204) and two females (No. 2205 and 2206) with identical labels: "Borneo", "Co=Typus" [a yellow label]; at a front of these specimens a common label "Borneo borneensis Brunn." was placed.
Remarks. BEIER (1954) included this species in the genus Chondroderella HEBARD. In a later publication BEIER (1962) did not consider the specimens above mentioned as types.

**Chondrodera subvitrea** BRUNNER VON WATTENWYL, 1895: 95

SYNTYPE male (No. 2207) with labels: "Gabun", "Type" [a red label], "Chondrodera subvitrea Karsch Type det. Beier♀".
SYNTYPE female (No. 2208) with labels: "513", "Niger", "Type" [a red label], "Chondrodera subvitrea Karsch Type det. Beier♀"; the male is lacking most of the right antenna, the female – of the right hind leg and the antennae.

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Cleandrus latipennis BRUNNER von WATTENWYL, 1895: 40–41

SYNTYPE female (No. 2209) with labels: “Mindanao”, “Co=Typus”, “Cleandrus latipennis Dr. H. Dohrn determ.”, “Pseudophyllus fortis Walker det. Beier ♂”.

Remarks. In the original description a locality was given as “Insulae Philippinae”. BEIER (1954) synonymized this species with Pseudophyllus fortis WALKER.

Cleandrus ligatus BRUNNER von WATTENWYL, 1895: 40

LECTOTYPE male (No. 2210) with labels: “Sikkim”, “Cleandrus ligatus Dr. H. Dohrn determ.”, “Pseudophyllus ligatus Br. W. det. Beier Type! ♀”.

Remarks. The species was probably described from a single specimen of DOHRN’s collection but BRUNNER did not say this clearly. BEIER (1962) designated the specimen from the DOHRN collection as the type (= lectotype) but he has mistakenly noted a sex of this specimen as female.

Climacoptera ornata BRUNNER von WATTENWYL, 1895: 42

SYNTYPE male (No. 2211) with labels: “Java” “Type” [a red label], “Climacoptera ornata Dr. H. Dohrn determ.”, “ornata x Brunn.”, “Climacoptera parallela Walk. det. Beier ♀”.

SYNTYPE female (No. 2212) with labels: “Java”, “Type” [a red label], “Climacoptera ornata Dr. H. Dohrn determ.”, “Climacoptera parallela Walk. det. Beier ♀”.

SYNTYPES three females (No. 2213–2215) with labels: “Java”, “Climacoptera ornata Dr. H. Dohrn determ.”, “Climacoptera parallela Walk. det. Beier ♀”. These females have also labels numbered “88”, “89”, and “90”.

Cocconotus areolatus BRUNNER von WATTENWYL, 1895: 208–209


Cocconotus gracilicauda BEIER, 1960: 138, f. 80

HOLOTYPE (by original designation) male (No. 2219) with labels: “Columbia Pehlke”, “423” [BEIER cited a number 410 by error], “Type” [a red label], “Cocconotus gracilicauda n. sp. Type! ♂ det. Beier”; the specimen is lacking both antennae.

PARATYPE (by original designation as allotype), female (No. 2220) with labels: “Columbien (Hac. Pehlke) E. Pehlke S.”, “410” [sic! no 411!], “Type” [a red label], “Cocconotus gracilicauda n. sp. Allotype! ♀ det. Beier”; the specimen is lacking the right antenna and the left hind leg.

Remarks. There is also another female with labels: “Columbia Pehlke”, “411”, “Para-Type” [in a red label], “Cocconotus gracilicauda n. sp. Paratype ♀ det. Beier”. BEIER (1960) in his original description did not note this female as a paratype. The label numbered “411” was attached mistakenly by BEIER to the mentioned above allotype.

Cocconotus viridiafflatus BRUNNER von WATTENWYL, 1895: 208

LECTOTYPE male (No. 2221) with labels: “Columbia”, “Type” [a red label], “Cranotus viridiafflatus Br. W. det. Beier, ♀ Type!”; the specimen is lacking the left hind tarsus, its antennae are badly damaged.

Remarks. The species was described probably on the basis of a single specimen from the DOHRN collection but BRUNNER von WATTENWYL did not confirmed that clearly. BEIER (1960) designated as the type (= lectotype) only the male specimen above mentioned.

Colobotettix viridis BEIER, 1960: 174

HOLOTYPE female (No. 2222) with labels: “Guatemala”, “♀”, “Type” [a red label], “Colobotettix viridis n. sp. Type! ♀ det. Beier”.

Cymatomera argillata KARSH, 1891b: 98

HOLOTYPE female (No. 2223) with labels:
“Camerun” [sic!], “Type” [a red label], “Cymatamera argillata Karsch det. Beier ♂”.

Remarks. A terra typica was given by KARSTCH as “Congo” probably by mistake or the specimen was wrongly labelled. BEIER (1962) designated the female from the DOHRN collection as the type but also cited “Kongo” as a terra typica.

_Cymatamera modesta_ BRUNNER VON WATTENWYL, 1895: 84–85.

SYNTYPE female (No. 2224) with labels: “Bagamoyo”, “30”, “Type” [a red label], “Cymatamera denticollis Schaum det. Beier ♂”.

SYNTYPE female (No. 2225) with labels “Madagasc.”, “Co=Typus” [a yellow label], “Cymatamera denticollis Schaum det. Beier ♂”.

Remarks. BRUNNER VON WATTENWYL (1895) mentioned that the female from Madagascar is of smaller size. BEIER (1954) synonymized this species with _Cymatamera denticollis_ SCHAUM.

_Dasyscelus dilatatus_ BRUNNER VON WATTENWYL, 1895: 120


Remarks. This species was described on the basis of material from some collections: BRUNNER’s and DOHRN’s collections and a collection of the Museum in Berlin. It is not known how many specimens should be considered as the types.

_Despoina spinosa_ BRUNNER VON WATTENWYL, 1895: 69, f. 27c

SYNTYPE male (No. 2229) with labels: “Kina-Balu”, “Type” [a red label], “Despoina spinosa Br. W. ♂ det. Beier”.

SYNTYPE female (No. 2230) with labels: “Kina-Balu”, “Type” [a red label], “Despoina spinosa Br. W. ♀ det. Beier”.

Remarks. BRUNNER VON WATTENWYL describing this species did not note the number of specimens in the type series. BEIER (1962) has specified as “Typus” both specimens mentioned above. In this situation neither can be considered as the lectotype designated by him.

_Despoina superba_ BRUNNER VON WATTENWYL, 1895: 68–69

SYNTYPE male (No. 2231) with labels: “Bruni” [sic!], “Type” [a red label], “Despoina superba Br. W. det. Beier ♂”.

SYNTYPE female (No. 2232) with labels: “Bruni” [sic!], “Type” [a red label], “Despoina superba Br. W. det. Beier ♀”.

Remarks. BRUNNER VON WATTENWYL noted also specimens from the collection in Geneva but BEIER (1962) designated as the type a specimen from the DOHRN collection without a decision which among two specimens above mentioned.

_Dicranostomus monoceros_ DOHRN, 1888: 362, t. 2, f. 2a, 2b

HOLOTYPE female (No. 2233) with labels: “Cumbasi”, “Type” [a red label], “Dicranostomus monoceros Dohrn det. Beier ♂”.

Remarks. DOHRN (1888) cited the locality “Cumbasi Peruviae ad Huallagam” as a terra typica.

_Diophanes atrosignatus_ BRUNNER VON WATTENWYL, 1895: 242–243

SYNTYPE female (No. 2234) with labels: “Yungas”, “69”, “Co=Typus” [a yellow label], “Xiphostylum atrosignatum Br. W. det. Beier ♂”.

Remarks. The species based on the specimens from the BRUNNER and DOHRN collections. BRUNNER (1895) cited incorrectly “Juntas in Bolivia” as the locality. BEIER (1960) designated only the specimen from the BRUNNER collection as the type.

_Docidocercus fasciatus_ BEIER, 1960: 170

HOLOTYPE (by original designation) male (No. 2235) with labels: “Columbian Hac. Pehlke E. Pehlke S. IV–VI 08”, “Type” [a red label], “Eucocconotus fasciatus n. sp. det. Beier Type! ♂”.

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Docidocercus pehlkei Beier, 1960: 171

HOLOTYPE (by original designation) male (No. 2236) with labels: “Columbien Pehlke”, “421”, “Type” [a red label], “Eucocconotus pehlkei n. sp. Type! σ det. Beier”.

Echinacris alata Brunner von Wattenwyl, 1895: 163

SYNTYPE male (No. 2237) with labels: “Iquitos”, “Type” [a red label], “Choeroparnops alata (Br. W.) det. Beier Type! cf”; the specimen is lacking the left hind leg, its left hind wing is damaged.

Gongrocnemis pallidespinosa Brunner von Wattenwyl, 1895: 165–166, f. 75

SYNTYPE female (No. 2238) with labels: “Guatemala”, “359”, “Co=Typus” [a yellow label], “Type” [a red label], “Ancistrocercus vicinus n. sp. Type! det. Beier”.

Remarks. The species was described on the basis of unknown number of specimens from several collections: the Brunner’s, the Dohrn’s and the Standfuss’s ones.

Gongrocnemis truncatistyla Brunner von Wattenwyl, 1895: 169

SYNTYPE male (No. 2239) with labels: “Cumbasi”, “Type” [a red label], “Ancistrocercus truncatistylus Br. = Anchiptolis obtusus ơ det. Beier Type!”.

Gonyatopus pilosus Brunner von Wattenwyl, 1895: 64

SYNTYPE female (No. 2240) with labels: “Java”, “Type” [a red label], “Gonyatopus pilosus” [a label typed]; the specimen is lacking the left antenna and the left hind leg.

SYNTYPE female (No. 2241) with labels: “Java”,”Co=Typus” [a yellow label], “Gonyatopus pilosus Br. W. det. Beier ♀”; the specimen is lacking the abdomen.

Remarks. The species was described only on the basis of a material from the Dohrn collection.

Habrocomes lanosus Karsch, 1891b: 103, f. 13

HOLOTYPE female (No. 2242) with labels: “Sierra Leone”, “520”, “256”, “lanosus Karsch*”, “Type” [a red label], “Habrocomes lanosus Karsch ♀ det. Beier”; the specimen is lacking the right middle leg, its left hind leg is pined under labels.

Haenschiella ecuadorica Beier, 1960: 7

HOLOTYPE (by original designation) male (No. 2243) with labels: “Santa Inez (Ecuad.) R. Haensch S.”, “61”, “Type” [a red label], “Haenschiella ecuadorica n. sp. Type! ơ det. Beier”; the specimen is lacking the left antenna, its right antenna is damaged.

Homalaspis laeta Brunner von Wattenwyl, 1895: 217, f. 93

SYNTYPE male (No. 2244) with labels: “Cumbasi”, “Type”, “15”, “Glaphyraspis laeta (Br. W.) det. Beier ơ”; the specimen is badly damaged: the right fore and the right middle legs and its antennae are missing.

SYNTYPE female (No. 2245) with labels: “Cumbasi”, “16”, “Type” [a red label], “Glaphyraspis laeta (br. W.) det. Beier ♀”; the specimen is lacking most part of antennae.

Jamaicana unicolor Brunner von Wattenwyl, 1895: 147

SYNTYPE male (No. 2246) with labels: “Jamaica”, “Type” [a red label], “Jamaicana unicolor Br. W. det. Beier Type! ♀”.

Remarks. There is also a female with a red label “Type” but it cannot be considered as the type because Brunner von Wattenwyl (1895) cited only male in the original description.

Jamaicana vittata Brunner von Wattenwyl, 1895: 147, f. 64

SYNTYPE male (No. 2247) with labels: “Jamaica”, “Type” [a red label], “Jamaicana vittata (Walk.) det. Beier Type! ♀”, “Jamaicana subguttata (Walk.) det. Beier”.

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Remarks. There are also three females with yellow labels “Co=Typus” but they can not be considered as the types because BRUNNER VON WATTENWYL (1895) cited only male in the original description. Species synonymized with Jamaica subguttata (WALKER) by KIRBY (1906).

**Kopis brasiensis** BEIER, 1960: 31–32, f. 17

HOLOTYPE female (No. 2248) with labels: “Espírito-Santo Brasil ex coll. Frühstorfer”, “Type” [a red label], “Kopis n. gen. brasiensis n. sp. Type! ♀ det. Beier”; the specimen has damaged the left fore leg and the right antenna.

**Labidocercus amazonicus** BEIER, 1954: 390

HOLOTYPE (by original designation), female (No. 2249) with labels: “Amazonas”, “292”, “Co=Typus” [a yellow label], “Type” [a red label], “Labidocercus amazonicus n. sp. Type! ♀ det. Beier”; the specimen is lacking the left fore leg (except a coxa) and the right antenna, the left antenna is also damaged.

**Lacipoda immunda** BRUNNER VON WATTENWYL, 1895: 66

SYNTYPE male (No. 2250) with labels: “Brunei [sic!]”, “Type” [a red label], “Lacipoda immunda Br. W. Type det. Beier ♀”.

Remarks. The species was described only on the basis of a material from the DOHRN collection. BRUNNER cited “Brunei in insula Borneo” as a terra typica.

**Lagarodes facetus** KARSH, 1891b: 91, f. 6


**Leiobliastes levigatus** BEIER, 1960: 115

HOLOTYPE male (No. 2252) with labels: “Bolivien Prov. Sara Steinbach S.”, “417”, “Type” [a red label], “Cratonotus levigatus n. sp. Type! ♂ det. Beier”.

**Leptotettix dohrni** BRUNNER VON WATTENWYL, 1895: 224–225

SYNTYPE female (No. 2253) with labels: “Sarayacu”, “31”, “Type” [a red label], “Platychiton dohrni (br. W.) det Beier ♀ Type!”.

Remarks. This species was based only on a material from the DOHRN collection.

**Leptotettix nigronotatus** BRUNNER VON WATTENWYL, 1895: 224

SYNTYPE male (No. 2254) with labels: “Guatemala”, “33”, “Type” [a red label], “Cratonotus nigronotatus Br. W. Type! ♂ det. Beier”.

Remarks. The species was described on the basis of a material from the DOHRN collection. It was synonymized by M. BEIER, at first (BEIER 1960) with Calamoptera modesta (BRUNNER VON WATTENWYL, 1895) later (BEIER 1962) with C. immunis (WALKER, 1870).

**Leptotettix voluptarius** BRUNNER VON WATTENWYL, 1895: 223

SYNTYPE male (No. 2255) with labels: “Cumbasi”, “Co=Typus” [a yellow label], “31”, “Leptotettix voluptarius Br. W. ♀ det. Beier”.

Remarks. The species was described on the basis of a material from BRUNNER’s and DOHRN’s collections.

**Leurophyllum albidovenosum** BEIER, 1954: 376–377, f. 196

HOLOTYPE (by original designation) male (No. 2256) with labels: “Columbien (Hac. Pehlke) E. Pehlke S.”, “Leurophyllum albidovenosum n. sp. Type! ♀ det. Beier Type!”.

PARATYPE (by original designation as the allotype) female (No. 2257) with labels: “Columbien (Hac. Pehlke) E. Pehlke S.”, “Leurophyllum albidovenosum n. sp. Type! “Type” [a red label].

Remarks. The third specimen designated by BEIER (1954) as the paratype, with label “Ecuador, Canelos Niepelt leg.”, was not found in our collection.
Lichenochrus fuscoalatus BRUNNER VON WATTENWYL, 1895: 127


Remarks. The species based on a material from the collection of DÖHRN and the collection of the Museum in Berlin.

Lichenochrus muticus BRUNNER VON WATTENWYL, 1895: 131–132

SYNTYPE female (No. 2259) with labels: “Chiriqui”, “Type” [a red label], “274”, “Acanthodis curvidens Stal ? (= Lich. Muticus Br. W.) det. Beier”; the specimen considerably damaged: abdomen is separated, the right fore leg missing, the antennae partly broken off.

Remarks. The species was described on the basis only a material from the DÖHRN collection.

Liocentrum aduncum KARSCH, 1891b: 88–89, f. 3


Mataeus latipennis KARSCH, 1891b: 84

SYNTYPE female (No. 2262) with labels: “Gabun”, “Co=Typus” [a yellow label], “Mataeus latipennis Dr. H. Dohrn determ.”, “Zabalis apicalis Bol. ? det. Beier”.

SYNTYPE male (No. 2263) with labels: “Gabun”, “Co=Typus” “Mataeus latipennis Dr. H. Dohrn determ.”, “Opisthodicus cochlearistylus Karsch det. Beier ?”.

Mataeus orientalis KARSCH, 1891b: 85

SYNTYPE female (No. 2268) with labels: “Zanzibar”, “Co=Typus” [a red label], “Mataeus orientalis Dr. H. Dohrn determ.”, “Zabalis orientalis Karsch det. Beier ?”, Species synonymized with Zabalis ophthalmicus (WALKER) by BEIER (1957).

Mataeus sumatranus BRUNNER VON WATTENWYL, 1895: 29–30

SYNTYPE female (No. 2269) with labels: “Dohrn Sumatra Soekaranda”, “Type” [a red label], “Mataeus sumatranus Dr. H. Dohrn determ.”, “Morsimus sumatranus Br. W. det. Beier Type! ?”; antennae damaged.

Meroncidius brunneus BEIER, 1960: 63–64

HOLOTYPE (by original designation) male (No. 2270) with labels: “Bahia”, “318”, “Type” [a red label], “Meroncidius brunneus n. sp. Type! det. Beier ?”; the specimen is lacking the right fore tarsus, the right middle leg and the right antenna.

PARATYPE (by original designation as allotype) female (No. 2271) with labels: “Bahia”, “317”, “Type” [a red label], “Meroncidius brunneus n. sp. Allotype! det. Beier ?”.

Microprion ceylonicus BRUNNER VON WATTENWYL, 1895: 61–62

SYNTYPE male (No. 2272) with labels: “Nord-Ceylon Juni 1889 H. Fruhstorfer”, “Co=Typus”, “Mataeus longipennis x K”, “Zabalis lineolatus Stål det Beier ?”.
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"ceylonicus x Brunn", "Brunneriana opaca (Walk.) det. Beier σ".


**Mimetica pehlkei** Enderlein, 1917: 18–19, figure without a number

SYNTYPES five females (No. 2274–2278), all with labels: "Columbien, Hac. Pehlke, E. Pehlke S. IV–VI 08", "Type" [a red label], "Mimetica Pehlkei Enderl. Type Dr. Enderlein det. 1916", "Mimetica pehlkei Enderl. Type det. Beier". The specimens have also labels numbered: "108", "109", "110", "111", and "112".

**Mimetica viridifolia** BRUNNER VON WATTENWYL, 1895: 257

SYNTYPE male (No. 2279) with labels: "Chiriqui", "Type" [a red label], "Mimetica viridifolia Brunner Type σ"; "Mimetica viridifolia Br. W. det. Beier Type!".

**Mioacris robusta** BEIER, 1954: 81–82

HOLOTYPE (by original designation) male (No. 2280) with labels: "Kina Balu", "Type" [a red label], "Mioacris robusta n. sp. Type! det. Beier σ".

PARATYPE (by original designation as allotype) female (No. 2281) with labels: "Nord-Borneo Waterstradt", "Co=Typus" [a yellow label], "123", "Mioacris robusta n. sp. Allotype! det. Beier ?".

**Mormotus angustus** BRUNNER VON WATTENWYL, 1895: 155

SYNTYPE female (No. 2282) with labels: "Camerun", "335", "Type" [a red label], "Mormotus angustus Br. W. σ det. Beier Type".

**Mormotus clavaticercus** KARSH, 1891b: 111

SYNTYPE male (No. 2283) with labels: "Sierra Leone", "Type" [a red label], "Mormotus clavaticercus Karsch det. Beier σ".

SYNTYPE female (No. 2284) with labels: "Sierra Leone", "Type" [a red label], "337", "Mormotus clavaticercus Karsch ? det. Beier".

Remarks. There are three more specimens from Sierra Leone but it is not clear if they can to be included in the type series (male and female with yellow labels "Co=Typus" and female without a yellow label).

**Mormotus curvicauda** BRUNNER VON WATTENWYL, 1895: 156

SYNTYPE female (No. 2285) with labels: "Gabun", "344", "Type" [a red label], "Mormotus curvicauda Br. W. Type det. Beier"; the specimen is lacking the right antenna and the right hind tarsus.

**Morsimus quadratus kaestneri** BEIER, 1954: 195–196, f. 110

HOLOTYPE (by original designation) male (No. 2286) with labels: "Java", "19", "Morsimus kastneri n. sp. det. Beier σ Type!", "Type" [a red label].

PARATYPE (by original designation as allotype) female (No. 2287) with labels: "Java", "17", "Type" [a red label], "Morsimus kastneri n. sp. det. Beier Allotype! ?".

**Morsimus serratus** BEIER, 1954: 194

HOLOTYPE male (No. 2288) with labels: "Jolo", "23", "Morsimus serratus n. sp. det. Beier Type! σ", "Type" [a red label].

**Myopophyllum speciosum** BEIER, 1960: 238–239

HOLOTYPE (by original designation) male (No. 2289) with labels: "Santa Inez (Ecuad.) R. Haensch S.", "Type" [a red label], "Myopophyllum speciosum n. g. n. sp. Type! σ det. Beier".

PARATYPE (by original designation as allotype) female (No. 2290) with labels: "Santa Inez (Ecuad.) R. Haensch S.", "380", "Myopophyllum speciosum n. g. n. sp. Allotype! ? det. Beier".

**Nannotettix pehlkei** BEIER, 1960: 76–77

HOLOTYPE (by original designation) female (No. 2291) with labels: "Columbien (Natagaima) E.
Pehlke S., “Type” [a red label], “13”, “Nannotettix pehlkei n. sp. Type! ♀ det. Beier”.

PARATYPE (by original designation as allotype) male (No. 2292) with labels: “Columbien (Natagaima) E. Pehlke S.”, “Type” [a red label], “12”, “Nannotettix pehlkei n. sp. Allotype! ♂ larva det. Beier”.

**Natagaima brevipennis** Beier, 1960: 152–153, f. 95

HOLOTYPE (by original designation) female (No. 2293) with labels: “Columbien (Natagaima) E. Pehlke S.”, “393”, “Type” [a red label], “Cocconotus brevipennis n. sp. Type! ♀ det. Beier”.

PARATYPES seven females (No. 2294–2300) with labels: “Columbien (Natagaima) E. Pehlke S.”, “Para-Type” [a red label], “Cocconotus brevipennis n. sp. Paratype ♀ det. Beier”; these specimens have also labels numbered: “387”, “389”, “391”, “395”, “396”, “397”, and “398”.

**Oxyscelus angustipennis** Brunner von Wattenwyl, 1895: 71

SYNTYPES two females (No. 2301 and 2302) with labels “Neu Guinea”, the first has a red label “Type”, the second a yellow label “Co=Typus”.

**Pantecphylus cerambycinus** Karsch, 1891b: 100, 11

PARALECTOTYPE male (No. 2303) with labels: “Congo” [sic! Kamerun in original description was probably by a mistake], “Type” [a red label], “Pantecphylus cerambycinus Karsch det. Beier ♂”; this specimen is lacking of left hind leg and of right hind tarsus.

Remarks. The species was based on two specimens: the female from the collection in Berlin and the male from the collection of H. Dohrn. Beier (1962) designated specimen from the collection of Berlin as the type (= lectotype).

**Parapleminia accola** Beier, 1954: 396

HOLOTYPE (by original designation) female (No. 2304) with labels: “Espirito-Santo Brasil H. Fruhstorfer”, “Type” [a red label], “Parapleminia accola n. sp. det. Beier Type! ♀”; the specimen is lacking the right fore leg and both antennae, the left fore wing is badly damaged.

**Pemba cochleata** Beier, 1960: 198

HOLOTYPE (by original designation) male (No. 2305) with labels: “Santa Inéz (Ecuador) R. Haensch s.”, “27”, “Type” [a red label], “Pemba cochleata n. sp. Type! ♂ det. Beier”; antennae of this specimens are damaged.

**Pemba peruana** Beier, 1960: 196–197

PARATYPE (by original designation) female (No. 2306) with labels: “Peru Chanchamayo Hoffmanns”, “55”, “Type” [a red label], “Pemba peruana n. sp. Paratype! ♀ det. Beier”.

**Pezochiton grandis** Beier, 1960: 263–264, f. 161

HOLOTYPE (by original designation) male (No. 2394) with labels: “Columbien (Hac. Pehlke) E. Pehlke S.”, “36”, “Type” [a red label], “Pezochiton grandis n. sp. Type! ♂ det. Beier”; the specimen is lacking of a right antenna and a right hind tarsus.

Remarks. Two another females in our collection with Beier’s determination labels and red labels “Type” and “Paratype” can not be included in the type series because the author has not cited these specimens in the original description.

**Phyllomimus borneensis** Beier, 1954: 117, f. 65

HOLOTYPE (by original designation) male (No. 2394) with labels: “Columbien (Hac. Pehlke) E. Pehlke S.”, “36”, “Type” [a red label], “Phyllomimus borneensis n. sp. Type! ♂ det. Beier”; the specimen without a right fore leg.

PARATYPE (by original designation as allotype) female (No. 2308) with labels: “Labuan“, “Type” [a red label], “Phyllomimus borneensis n. sp. Type! ♀ det. Beier“.

PARATYPES (by original designation) male (No. 2309) and two females (No. 2310 and 2311) with labels: “Nord Borneo Waterstradt”, “Paratype” [a red label].

PARATYPE female (No. 2312) with labels: “Borneo“, “Paratype“ [a red label].
PARATYPE female (No. 2313) with labels: “Bangai”, “Paratype” [a red label]; all mentioned above paratypes are provided with BEIER’s determination labels.

**Phyllomimus inversus** BRUNNER VON WATTENWYL, 1895: 57–58

SYNTYPE male (No. 2315) with labels: “Dohn Sumatra Soekaranda” [“Deli” in the original description], “Co-Typus” [a yellow label].  
SYNTYPE female (No. 2316) with labels: “Sumatra”, “Co-Typus”.  
Remarks. All mentioned above specimens syntypes are provided with BEIER’s determinating labels “Phyllomimus ampullaceus Haan (=inversus Br. W.)”. In reality M. BEIER has never synonymized these species.

**Phyllomimus pallidus** BRUNNER VON WATTENWYL, 1895: 57

SYNTYPE female (No. 2317) with labels: “Palawan”, “Co-Typus” [yellow label], “Phyllomimus pallidus Br. W. det. Beier φ”.  
Remarks. The species was based on specimens from some collections.

**Platenia semialata** DOHRN, 1888: 353–355, ff. 4a–c

HOLOTYPE female (No. 2318) with labels: “Palawan”, “Type” [a red label], “Platenia semialata Dohrn φ det. Beier”.

**Platyphyllum guttatum** BRUNNER VON WATTENWYL, 1895: 140

SYNTYPE male (No. 2319) with labels: “Cumbasi”, “Type” [a red label], “187”, “Stenoschema guttatum (Br. W.) Type! Beier φ”; the specimen is lacking the right hind leg and the left antenna, the right antenna is damaged.

**Platyphyllum pleminioides** BRUNNER VON WATTENWYL, 1895: 140

SYNTYPE female (No. 2320) with labels: “Amazonas”, “Type” [a red label], “185”, “Stenoschema pleminioides (Br. W.) Type! Beier φ”; the specimen has antennae badly damaged.

**Platyphyllum unicolor** BRUNNER VON WATTENWYL, 1895: 139

SYNTYPE female (No. 2321) with labels: “Amazonas”, “Type” [a red label], “188”, “Rhinischia unicolor (Br. W.)” det. Beier Type φ.  
SYNTYPE female (No. 2322) with labels: “Amazonas”, “292”, “Co-Typus” [a yellow label], “Type” [a red label], “Labidocercus amazonicus n. sp. Type! det. Beier”.

SYNTYPE female (No. 2323) with labels: “Cumbasi”, “Co-Typus” [a yellow label].  
Remarks. The species was described on the basis of a material from the DOHRN collection. BRUNNER cited “Ucayali et Tapajos in territorio Amazonico” as its locality. One of females from “Amazonas” numbered 292 (an old number) was described by BEIER (1954) as the holotype of Labidocercus amazonicus (a new number of the type 2249).

**Pleminia mutica** BRUNNER VON WATTENWYL, 1895: 124–125

SYNTYPE female (No. 2324) with labels: “Huamba”, “Type” [a red label], “249”, “Pleminia mutica Br. W. φ det. Beier”; the specimen with antennae badly damaged.

**Polyglochin peculiaris** KARSCH, 1891b: 101, f. 12

HOLOTYPE (by monotypy) female (No. 2325) with labels: “Sierra Leone”, “518”, “Polyglochin peculiaris Karsch det. Beier φ”.

**Promeca borneana** BEIER, 1954: 88–89, f. 46

PARATYPE (by original designation) female (No. 2326) with labels: “Nord-Borneo Waterstradt”, “13”, “Promeca borneana n. sp. det. Beier Paratype φ”.

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PARATYPE (by original designation) female (No. 2327) with labels: “Labuan” “12”, “Promeca borneana n. sp. det. Beier Paratype! ♀”.

Promeca nobilis Beier, 1954: 91–92

HOLOTYPE (by original designation) female (No. 2328) with labels: “Nord-Borneo, Waterstradt”, “Promeca nobilis n. sp. det. Beier Type! ♀”; the specimen is lacking the left hind leg.

Promeca ornata Beier, 1954: 89–90

HOLOTYPE (by original designation) female (No. 2329) with labels: “Nord-Borneo Waterstradt”, “Promeca ornata n. sp. det. Beier Type! ♀”.

Promeca sumatrana Beier, 1954: 90–91

HOLOTYPE (by original designation) female (No. 2330) with labels: “Dohrn Sumatra Soekaranda”, “Promeca sumatrana n. sp. det. Beier Type! ♀”.

PARATYPE (by original designation as allotype) male (No. 2331) with labels: “Dohrn Sumatra Soekaranda”, “14”, “Promeca sumatrana n. sp. det. Beier Type! ♂”. Both specimens have also red labels “Type”.

Promeca unicolor Brunner von Wattenwyl, 1895: 52–53

SYNTYPE male (No. 2332) with labels: “Type” [a red label], “Kina Balu” “143”, “Phyllomimus unicolor Br. W. det. Beier ♂”.

SYNTYPE female (No. 2333) with labels: “Kina Balu”, “144”, “Type” [a red label], “Phyllomimus unicolor Br. W. det. Beier ♀”.

Promeca vittata Brunner von Wattenwyl, 1895: 52, f. 18

SYNTYPE male (No. 2334) with labels: “Java”, “Co-Typus”, “vittata x Brunn”, “Promeca fuscescens Haan ♂ det. Beier”.


HOLOTYPE (by original designation) male (No. 2335) with labels: “Lifu”, “Acanthoprion insulare n. sp. Type! ♂ det. Beier”.

Rhinischia bacillifera Beier, 1954: 387–388

HOLOTYPE (by original designation) male (No. 2336) with labels: “Columbien, Hac. Pehlke, E. Pehlke S. IV–VI 08”, “Type” [a red label], “Rhinischia bacillifera n. sp. det. Beier Type! ♂”.

Rhomboptera honorabilis Brunner von Wattenwyl, 1895: 38


Sanaa intermedia Beier, 1944: 88

HOLOTYPE (by original designation) male (No. 2339) with labels: “Tonkin Than Moi Juni–Juli H. Frhrstorfer”, “Type” [a red label], “Sanaa intermedia n. sp. Type ♂ det. Beier”.

PARATYPE (by original designation as allotype) female (No. 2340) with labels: “Tonkin Than Moi Juni–Juli H. Frhrstorfer”, “Type” [a red label], “Sanaa intermedia n. sp. Allotype! ♀ det. Beier”.

Sathrophylliopsis truncatipennis Beier, 1944: 87

HOLOTYPE (by original designation) male (No. 2341) with labels: “Nord Borneo Waterstradt”, “62”, “Type” [a red label], “Sathrophylliopsis truncatipennis n. sp. Type! ♂ det. Beier”.

PARATYPE (by original designation as allotype) female (No. 2342) with labels: “Nord Borneo Waterstradt”, “Type” [a red label], “Sathrophylliopsis truncatipennis n. sp. Allotype! ♀ det. Beier”.

Schedocentrus andinus Beier, 1960: 97–98

HOLOTYPE (by original designation) male (No. 2343) with labels: “Santa Inéz (Ecuad.) R. Haensch
Remarks. The specimen female with a label “Para-Type” was not considered by BEIER (1960) in the original description.

Schedocentrus haenschi BEIER, 1960: 103–104

HOLOTYPE (by original designation) female (No. 2344) with labels: “Napo (Ecuad. R. Haensch S.”, “361”, “Type” [a red label], “Cratonotus haenschi n. sp. Type! ♀ det. Beier”; the specimen is lacking the left hind leg and its antennae are badly damaged.

Schochia viridis BEIER, 1954: 282–283

HOLOTYPE (by original designation) female (No. 2345) with labels: “Espirito-Santo Brasil H. Fruhstorfer”, “62”, “Type” [a red label], “Schochia viridis n. sp. Type! ♀ det. Beier”.

Scopioricus robustus BEIER, 1960: 298

HOLOTYPE (by original designation) male (No. 2346) with labels: “Columbien Hac. Pehlke E. Pehlke S. 1929”, “Type” [a red label], “Scopiorus robustus n. sp. det. Beier Type! ♀”.

PARATYPE (by original designation as allotype) female (No. 2347) with labels: “Columbien Hac. Pehlke E. Pehlke S. IV–VI. 08”, “Type” [a red label], “Scopiorus robustus n. sp. det. Beier Allotype! ♀”.

PARATYPE (by original designation) female (No. 2348) with labels: “Columbien Fusagasuga E. Pehlke S.”, “59”, “Scopiorus robustus n. sp. Paratype! ♀ det. Beier”.

Scopiorinus similis BEIER, 1960: 305

HOLOTYPE (by original designation) female (No. 2349) with labels: “Chiriqui”, “57”, “Type” [a red label], “Scopiorus similis n. sp. Type! ♀ det. Beier”; the specimen lacks the right fore leg, its antennae are damaged.

Scopiorus latifolius BRUNNER VON WATTENWYL, 1895: 238

SYNTYPE female (No. 2350) with labels: “Tapajos”, “Co=Typus”; the hind left wind is damaged.

Scopiorus muticus BRUNNER VON WATTENWYL, 1895: 237

SYNTYPE female (No. 2351) with labels: “Chiriqui”, “Type” [a red label], “Scopiorus muticus Br. W. det. Beier ♀”.

Semileptotettix elegans BRUNNER VON WATTENWYL, 1895: 226

SYNTYPE female (No. 2352) with labels: “Ucayali”, “Type” [a red label], “37”, “Drepanoxiphus elegans Br. W. det. Beier ♀”.


Simodera halterata KARSCH, 1891a: 103, f. 1

SYNTYPE female (No. 2354) with labels: “Madagascar”, “196”, “Type” [a red label], “180”, “Simodera halterata Karsch ♀ det. Beier Type”.

Stenampyx annulicornis KARSCH, 1891b: 93

SYNTYPE female (No. 2355) with labels: “Camerun”, “Co=Typus” [a yellow label], “Stenampyx annulicornis Karsch det. Beier ♀”.

SYNTYPE female (No. 2356) with labels: “509”, “Camerun”, “Co=Typus” [a yellow label], “Stenampyx annulicornis Karsch det. Beier”.

Tanusiella guttifera ENDERLEIN, 1917: 17–18

LECTOTYPE male (No. 2357) with labels: “Espirito-Santo Brasil ex coll. Fruhstorfer”, “Type” [a red label], “90”, “Tanusiella guttifera Enderl. ♀ Type Dr. Enderlein det. 1916”, “Tanusiella guttifera End. Type ♀ det. Beier”; the specimen lacks the right fore and the middle tarsi, its antennae are badly damaged.
PARALECTOTYPE female (No. 2358) with labels:
“Espirito-Santo Brasil ex coll. Fruhstorfer”,
“Type” [a red label], “68”, “Tanusiella guttifera
Enderl. ♀ Type Dr. Enderlein det. 1916”,
“Tanusiella guttifera End. Allotype ♀ det. Beier”;
the specimen lacks the left middle leg, its antennae
are badly damaged.

Remarks. Lectotype and paralectotype were desig­
nated by Max Beier as the type and the allotype
only by labels pinned under the specimens.

**Teleutias bolivianus** Beier, 1960: 214

HOLOTYPE (by original designation) male (No.
2359) with labels: “Bolivien Prov. Sara Steinbach
S.”, “210”, “Type” [a red label], “Teleutias
bolivianus n. sp. det. Beier Type! ♀”.
PARATYPE (by original designation as allotype),
female (No. 2360) with labels: “Bolivien Prov.
Sara Steinbach S.”, “214”, “Type” [a red label],
“Teleutias bolivianus n. sp. det. Beier Allotype!
♀”.

**Teleutias brevifolius** Brunner von Wattenwyl,
1895: 230

SYNTYPES male (No. 2361) and two females (No.
2362 and 2363) with labels: “Sara-yacu”,
“Co=Typus” [yellow labels], “Teleutias brevifolius
Br. W. det. Beier ♀ [or] ♀”; male with label num­
bered “48”, females with labels numbered “49”
and “50”.

**Teleutias fasciatus** Brunner von Wattenwyl,
1895: 231

SYNTYPE male (No. 2364) with labels: “Sara-yacu”,
“Type” [a red label], “Teleutias fasciatus Br. W.
det. Beier ♀ Type!”.

**Teleutias vicinissimus** Brunner von Wattenwyl,
1895: 229

SYNTYPES, three males (No. 2365–2367) and female
(No. 2368) with labels: “Amazonas”, “Co=Typus”
[a yellow label], “Teleutias vicinissimus Br. W.
det. Beier ♀ [or] ♀”; males with old labels num­
bered: “44”, “45” and “47”, female with label
numbered “46”.

**Teleutias vitripennis** Beier, 1960: 201–202

HOLOTYPE (by original designation) female (No.
2369) with labels: “Pebas Nov. Dez. 1906 M. de
Mathan S.”, “28”, “Teleutias vitripennis n. sp.
Type! ♀ det. Beier”.

**Temnophyllus atrosignatus** Brunner von
Wattenwyl, 1895: 47

SYNTYPES three females (No. 2370–2372) with
identical labels: “Java” “Tenmophyllus atrosigna­
tus Br. W. det. Beier ♀” and different labels num­
bered “110”, “111”, and “112”.

**Temnophyllus insularis** Beier, 1954: 93–94

HOLOTYPE (by original designation) female (No.
2373) with labels: “11”, “Palawan”, “Tympano­
phyllum insularis sp. n. det. Beier Type! ♀”.

**Temnophyllus speciosus** Brunner von Watten­
wyl, 1895: 46

SYNTYPE female (No. 2374) with labels: “Borneo”,
“Co=Typus” [a yellow label], “Temnophyllus
speciosus Dr. H. Dohrn determ.”, “Temnophyllus
speciosus Br. W. det. Beier ♀”.

**Tetragonomera obtusa** Brunner von Wattenwyl,
1895: 104

SYNTYPE female (No. 2375) with labels: “Bahia”,
“Co=Typus” [a yellow label], “Tetragonomera
obtusa Br. W. ♀ det. Beier”; the specimen is badly
damaged.

**Tetragonomera simplex** Beier, 1954: 284–285, f. 159

HOLOTYPE (by original designation) female (No.
2376) with labels: “Espirito-Santo Brasil H.
Fruhstorfer”, “Type” [ared label], “Tetragonomera
simplex n. sp. det. Beier Type! ♀”; the specimen is
lacking the left fore leg and the right hind leg.

**Timanthes javanicus** Brunner von Wattenwyl,
1895: 65

SYNTYPE female (No. 2377) with labels: “Java”,
“Co=Typus” [a yellow label], “Gonyatopus
pilosus" [a label typed], "Timanthes javanicus Br.W. det. Beier\?").

SYNTAX Female (No. 2378) with labels: "Java", "Type" [a red label], "javanicus \times Brunn.", "Timanthes virescens Serv. det. Beier\?").

Beier (1962) designated only the first specimen as the type.

**Timanthes latifolius** Brunner von Wattenwyl, 1985: 65

SYNTAX Male (No. 2379) with labels: "India", "Co=Typus" [a yellow label], "India latifolius \times Brunn.", "Timanthes porrectus (Walk.) det. Beier\?".

**Tomias stenopterus** Karsch, 1891b: 36, f. 5

HOLOTYPE Female (No. 2380) with labels: "508", "Camerun", "Type" [a red label], "Tomias stenopterus Karsch det. Beier\?"; the specimen lacks the right fore leg, the tarsus of a left hind leg and the left antenna.

**Triencentrus amazonicus** Brunner von Wattenwyl, 1895: 152

SYNTAX Male (No. 2381) with labels: "Amazonas", "329", "Co=Typus" [yellow label], "Cratonotus amazonicus Br. W. \sigma det. Beier".

SYNTAX Male (No. 2382) with labels: "Amazonas", "331", "Co=Typus" [a yellow label], "Cratonotus amazonicus Br. W. \sigma det. Beier".

**Tympanocompus acclivis** Karsch, 1891b: 108--109, f. 16

SYNTAX Male (No. 2383) with labels: "Camerun", "519", "Co=Typus" [a yellow label], "Tympanocompus acclivis Karsch \sigma det. Beier".

SYNTAX Female (No. 2384) with labels: "Camerun", "Tympanocompus acclivis Karsch det. Beier\?"; male is badly damaged: its right antenna, right middle leg and its abdomen are missing. Female has only antennae damaged.

**Tympanophyllum montanum** Beier, 1954, pp. 160--161

HOLOTYPE (by original designation) Male (No. 2385) with labels: "Kina Balu", "Type", "Tympanophyllum montanum n. sp. Type! \sigma det. Beier".

**Tympanoptera atroterminata** Brunner von Wattenwyl, 1895, p. 67

SYNTAXES two females (No. 2386 and 2387) with labels: "Kina-Balu", "Tympanophyllum atroterminatum Br. W. det. Beier\?". One of them have also a red label "Type".

Remarks. The specimen male with labels: "Bruni", "Type" [a red label], "Tympanophyllum atroterminatum Br. W. \sigma" can not to be included in type series because Brunner von Wattenwyl cited only females.

**Tympanoptera rhodei** Beier, 1954: 51

HOLOTYPE (by original designation) Female (No. 2388) with labels: "Neu Guinea", "Type" [a red label], "Tympanoptera rhodei n. sp. Type! det. Beier\?". This specimen was described as a type of Aprion rhodei Brunner von Wattenwyl, 1985 and therefore it has a second number of the type 2175; the antennae and hind tarsi damaged.

**Tympanoptera serrulata** Beier, 1954: 184

HOLOTYPE (by original designation) Female (No. 2389) with labels: "Obi 5. 1902", "Tympanoptera serrulata n. sp. det. Beier Type?".

**Typophyllum abruptum** Brunner von Wattenwyl, 1895: 282

SYNTAX Female (No. 2390) with labels: "Bolivia", "Type" [a red label], "Typophyllum abruptum Brunn \sigma Type", "114", "Typophyllum abruptum Br. W. det. Beier Type?"; the specimen is damaged: the antennae nearly missing, the right fore tibia and the tarsus and the middle tarsi missing.

**Typophyllum curtum** Vignon, 1926: 208--209

HOLOTYPE (by original designation) Male (No. 2391) with labels: "Cumbasi", "Mimica simoni Boliv. \sigma Dr. H. Dohrn determ.", "100", "Typophyllum curtum Vignon det. Beier Type! \sigma".
Typophyllum lacinipennis Enderlein, 1917: 19–20

HOLOTYPE (by original designation), female (No. 2392) with labels: “Bolivien Prov. Sara Steinbach S.”, “Type” [a red label], “102”, “Typophyllum lacinipennis Enderl. ♀ Type Dr. Enderlein det. 1916”, “Typophyllum lacinipennis End. ♂ det. Beier Type!”.

Xiphophyllum latipenne Beier, 1960: 23

HOLOTYPE (by original designation) male (No. 2393) with labels: “Perú Chanchamayo Hoffmanns”, “Type” [a red label], “340”, “Paracratonotus latipennis n. sp. Type! σ det. Beier”.

Remarks. The Beier’s label includes the generic name never published. Indeed Beier (1960) described a new genus Xiphophyllum in which placed a new species latipenne.

THE TYPE SPECIMENS NOT FOUND IN OUR COLLECTION

Hemigyrus acutifolius Brunner von Wattenwyl, 1895: 48

The species described from the DOHRN collection only (its terratype was unknown). Actually it is only a label which was placed before a specimen.

Promeca quadripunctata Brunner von Wattenwyl, 1895: 53

The species was described on a base of a material from Java in the DOHRN collection (sex female), a number of specimens in the type series is unknown. Beier (1962) cited only the specimen from the collection in Szczecin as a type.

Lissophyllum intermedium Brunner von Wattenwyl, 1895: 145

The species described on a material from some collections (Madrid, Hamburg, Szczecin), but Beier (1960) designated the specimen from the BOLIVAR collection as a type. He has synonymized L. intermedium with Platyphyllum viridifolium (St. Fargeau et Serville, 1825).

Anchiptolis pleminioides Brunner von Wattenwyl, 1895: 170

The species described on the basis of a material from Brunner’s and DoHRN’s collections.

Cocconotus modestus Brunner von Wattenwyl, 1895: 204

The species was described on the basis of a material from the collection in Geneva and DoHRN’s one.

Diophanes nigrospinosis Brunner von Wattenwyl, 1895: 143

The species described on the basis of a material from Bolivar’s and DoHRN’s collections.

REFERENCES