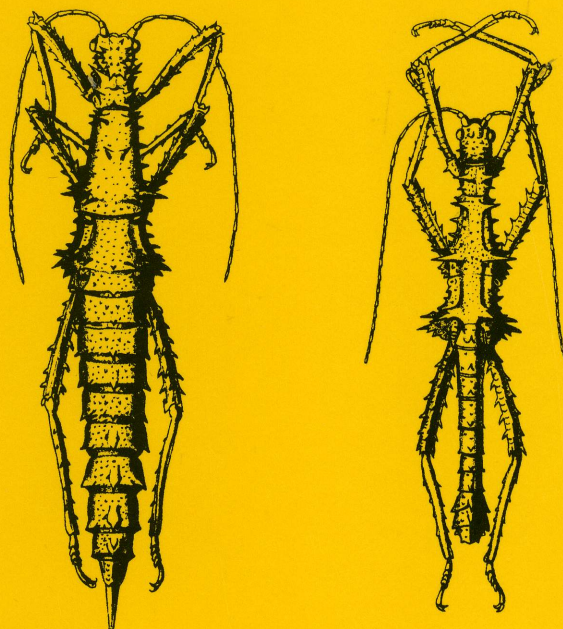


**Kataloge der  
wissenschaftlichen Sammlungen  
des Naturhistorischen Museums in Wien**

**Band 13**

**Entomologie, Heft 5**



**Paul D. BROCK**

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in the Naturhistorisches Museum Wien (Insecta: Phasmida)**

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1998**

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Titelbild:

*Aretaon asperrimus* (REDTENBACHER, 1906), ♀ ♂,  
aus Brunner v. Wattenwyl und Redtenbacher, 1906-1908,  
Die Insektenfamilie der Phasmiden. – Zeichnung: J. Redtenbacher.

Die Abbildungen auf den Seiten 8 bzw. 9 wurden freundlicherweise vom  
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# Catalogue of type specimens of Stick- and Leaf-Insects in the Naturhistorisches Museum Wien (Insecta: Phasmida)

P. D. Brock\*

## Abstract

Type specimens of 784 taxa of Phasmida have been located in the Naturhistorisches Museum Wien (NHMW), which is the most important collection in the world for phasmid taxonomy. The species are listed alphabetically, with the number of specimens, sex and locality data, which, excepting very few instances, have never been recorded before. The most important material relates to species described by Brunner von Wattenwyl and Redtenbacher (mainly published in their monograph, between 1906-1908) and the majority of Stål's types. There are a number of discrepancies in the literature, relating to the whereabouts of type specimens, which are commented on; in particular, a number of specimens recorded from other museums are only present in the NHMW and data labels invariably refer to the other museum(s) and, in some instances, are known to have been 'loaned' especially for the monograph. Additionally, the known whereabouts of the remaining type series (where applicable) is recorded and, wherever possible, has been personally verified by reference to the collections concerned; Brunner von Wattenwyl exchanged some type material without any reference being made in the literature. Comment is also made on the likely number of synonyms yet to be recorded; a high percentage were identified by BROCK (1995, and in press) when undertaking a full review of the phasmid fauna from Peninsular Malaysia and Singapore. Lectotypes are designated for the following species present in NHMW: *Marmessoidea conspersa* REDTENBACHER, 1908, a new synonym of *Trachythorax atosignatus* (BRUNNER, 1893); *Eurycnema stenocerca* REDTENBACHER, 1908 and *Abrasoma virescens* REDTENBACHER, 1906. In addition, lectotypes of twelve species are designated for specimens in MCSN [relating to species where paralectotypes are present in NHMW]: *Calvisia aeruginosa* REDTENBACHER, 1908; *Phaeophasma alatum* REDTENBACHER, 1906; *Oreophasma exilis* (BRUNNER, 1907); *Autolyca flavolimbata* REDTENBACHER, 1906; *Carausius granulatus* BRUNNER, 1893; *Paranecrosia longicollis* REDTENBACHER, 1908; *Paraphasma marginale* REDTENBACHER, 1906; *Dimorphodes miles* REDTENBACHER, 1908; *Parapachymorpha nigra* BRUNNER, 1893; *Neopromachus simulator* (BRUNNER, 1907); *Lonchodes spectatus* BRUNNER, 1907 and *Neopromachus vepres* (BRUNNER, 1907). *Acrophylla aliena* REDTENBACHER is transferred to the genus *Ctenomorpha* GRAY (from *Ctenomorphodes* KARNY). *Bacteria redtenbacheri* is given as a replacement name for *Bacteria innocens* REDTENBACHER, 1908.

**Key Words:** Phasmida, new combinations, new name, new synonyms, new lectotypes, replacement name, type species, Brunner von Wattenwyl, Redtenbacher, Stål, Naturhistorisches Museum Wien.

## Zusammenfassung

Typus-Exemplare von 784 Phasmida-Taxa wurden im Naturhistorischen Museum in Wien (NHMW), welches die bedeutendste Sammlung der Welt für Phasmiden-Taxonomie beherbergt, registriert. Die Arten werden alphabetisch aufgelistet, wobei die Anzahl der Individuen, das Geschlecht und geographische Daten, welche bis auf wenige Ausnahmen noch nie dokumentiert worden sind, angegeben werden. Das wichtigste Material beinhaltet Arten, die von Brunner v. Wattenwyl und Redtenbacher (hauptsächlich in ihrer Monographie zwischen 1906-1908) beschrieben worden sind und die Mehrheit der Stål-Typen. Ungereimtheiten in der Literatur, die sich auf den Verbleib von Typus-Exemplaren beziehen, werden kommentiert. Eine Anzahl von Exemplaren, die in anderen Museen aufgeführt sind, sind nur im NHMW aufzufinden. Etikettendaten beziehen sich unweigerlich auf andere Museen, in manchen Fällen sind die Exemplare als "ausgeborgt" - speziell für die Monographie - bekannt. Zusätzlich werden die bekannten Aufbewahrungsorte der übrigen Typenserien, wo zutreffend, dokumentiert und wo es möglich war, wurde dies persönlich verifiziert mit Bezug auf die betreffenden Sammlungen. Brunner von Wattenwyl tauschte einen Teil des Typenmaterials ohne Literaturvermerk. Ebenso wird die wahrschein-

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liche Anzahl der Synonyme kommentiert. Ein hoher Prozentsatz davon wurde von BROCK (1995, und in Druck) während der Überprüfung der Phasmidenfauna der malayischen Halbinsel und Singapur festgestellt. Für folgende Arten werden Lectotypen (aus dem NHMW) designiert: *Marmessoidea conspersa* REDTENBACHER, 1908, ein neues Synonym von *Trachythorax atosignatus* (BRUNNER, 1893); *Eurycynema stenocerca* REDTENBACHER, 1908 und *Abrasoma virescens* REDTENBACHER, 1906. Zusätzlich werden für zwölf Arten Lectotypen aus dem MCSN designiert [Paralectotypen im NHMW]: *Calvisia aeruginosa* REDTENBACHER, 1908; *Phaeophasma alatum* REDTENBACHER, 1906; *Oreophasma exilis* (BRUNNER, 1907); *Autolyca flavolimbata* REDTENBACHER, 1906; *Carausius granulatus* BRUNNER, 1893; *Paranecrosia longicollis* REDTENBACHER, 1908; *Paraphasma marginale* REDTENBACHER, 1906; *Dimorphodes miles* REDTENBACHER, 1908; *Parapachymorpha nigra* BRUNNER, 1893; *Neopromachus simulator* (BRUNNER, 1907); *Lonchodes spectatus* BRUNNER, 1907 und *Neopromachus vepres* (BRUNNER, 1907). *Acrophylla aliena* REDTENBACHER wird in die Gattung *Ctenomorpha* GRAY gestellt (von *Ctenomorphodes* KARNY). *Bacteria redtenbacheri* wird als Ersatzname für *Bacteria innocens* REDTENBACHER, 1908 eingeführt.

## Introduction

The Naturhistorisches Museum Wien (NHMW) collection contains type material of 784 species of Phasmida. These include the majority of Brunner von Wattenwyl & Redtenbacher's type material, mainly described in 1906-1908, 27 [excluding 2 species not traced] of the 50 species described by STÅL (1875) and a small number of species described by several other authors. As authors of a monograph on the Phasmida, Brunner von Wattenwyl & Redtenbacher's work is a vital reference point for the taxonomist studying the fauna from all geographical zones and this collection is easily the most important in the world for the phasmid taxonomist.

Until the early 1990's there was little information on the contents of the phasmid collection to assist the specialist; this was helped by the compiling of two (unpublished) listings, as follows:

- i) A list of material in alcohol, with data, which was initiated in 1992 by Dr. U. Aspöck, present curator of the Orthoptera collection of the NHMW.
- ii) A complete numerical listing of species in the dried collection, which I completed by reference to labelling in the collection. The majority of species are types and the collection runs in sequence with the monograph. Very few specimens have been added to the collection since 1908.

The set specimens are housed in 230 cabinet drawers, with only the last few drawers including unclassified material. However, some species within the main part of the collection, arranged in numerical species order, are only identified to genus, presumably because Brunner von Wattenwyl or Redtenbacher decided not to describe them. There are a number of species preserved in alcohol, many in poor condition.

In older publications it was rare to state how many type specimens were used for the description and much of the information in this catalogue has never been recorded; in particular, precise type localities [rather than just the name of the country] and collectors names, are given.

## Acknowledgements

I wish to thank Dr. U. Aspöck and Dr. A.P. Kaltenbach (both NHMW) for kindly allowing access to the collection, dealing with loan requests and providing constructive comments on a draft of the introductory sections of this paper. The Deutsches Entomologisches Institut, Eberswalde, Germany, kindly gave per-



mission for me to use photographs of Brunner von Wattenwyl & Redtenbacher. I would also like to thank the curators of several other museums listed, where I have been allowed full access to collections and literature. Dr. Wolfgang Schawaller (Staatliches Museum für Naturkunde, Stuttgart, Germany) kindly provided information on species omitted from HENNEMANN & al. (1995) and Mr O. Zompro (Kiel, Germany) sent notes he had made on the collection in Dresden, relating to type material he was unable to trace, in addition to informing me about likely type specimens on display in the public gallery in Vienna; type material of nine species has now been transferred to the relevant cabinet drawers.

## Methods

Neither Brunner von Wattenwyl or Redtenbacher selected any holotypes, nor gave an indication of the number of type specimens; their measurements were most likely recorded at random, as my sampling indicates that it is unlikely all specimens in the type series were measured. It is important to note that where species possess an ovipositor, invariably the length given includes this. I compared data labels of specimens in the collection with the type descriptions.

Many of the data labels refer to the species name or, "det. Brunner von Wattenwyl" or "det. Redtenbacher". The majority of specimens also have a reference number, which may be compared with Brunner von Wattenwyl's inventory list, contained in a large handwritten volume. The inventory list is simple, referring to the collector and locality e.g. Staudinger - Peru. Samples have been made on approximately 100 species (and found to be 100% accurate). In some cases, inventory numbers have not been allocated to specimens e.g. Grubauer, 1902 who collected a number of species from Kuala Kangsar [Perak], Malaysia.

The following example is typical of the handwritten labelling system used in the collection:

*Calvisia punctulata* REDTENBACHER, 1908 is the first species of the genus represented in the collection; thus the first and largest label, above the specimens, is "Calvisia Stål". An identification label is present for all species; this is a slightly smaller label immediately beneath the genus label (where applicable). In this example, it is marked "C. punctulata m." ("m" refers to "my collection", as recorded by Brunner von Wattenwyl. However, it is inconsistently used within the collection; i.e. several other new *Calvisia* species have Redt. [= Redtenbacher] after the species name. Redtenbacher described all the new *Calvisia* species in 1908). This second label also has a collection reference number - 1148, in the bottom left corner. A third, smaller label [blue] is labelled with the locality - Borneo [note - these locality labels vary in colour, depending on geographical origin i.e. whilst Asian countries have blue labels, African countries have a yellow label, and South American pink]. To illustrate a variation on the labelling for localities: where an Inventory number is held, a number is added to the locality label e.g. collection number 1015 *Aruanoidea inconspicua* has a [blue] label "20.755 S.Celebes". The Inventory list described above confirms the data label information i.e. S. Celebes, collected by Fruhstorfer. The collection numbers were introduced by Max Beier [a later curator of the collection], probably in the late 1940's or 1950's.

A series of small handwritten data labels are present beneath each pin; typically two or three per specimen; these record 1) the species name and det. [= determined]

"Br.v.W." [= Brunner von Wattenwyl] or "Redt." [= Redtenbacher]; 2) Locality and collector's name (where known) and coll. [= collection] Br.v.W. [note - in some cases, other museum labels are present e.g. "Mus. Paris"]; 3) Inventory number. The first two labels are often white; the inventory number matches the colour of the locality label above specimen(s). Other labels may have been added later e.g. a lectotype or paralectotype label; the type of label differing according to the author. It is apparent that some authors have not labelled/seen all the type series. In some cases, data labels state "Mus.Caes.Vind." or "Mus.Caes.Vindobon", Latin for Vienna Museum.

### The Personalities



Fig. 1: Carl Brunner von Wattenwyl

**Carl BRUNNER VON WATTENWYL** (1823 - 1914) (Fig. 1) was born at Bern, Switzerland on June 13, 1823, a member of one of the oldest Swiss families, but early in life changed his home to Vienna, where the remainder of his life was largely spent. He was known as a man of distinction aside from his scientific work, publishing observations on several subjects.

Best known to the orthopterist for major studies such as "Prodromus der Europäischen Orthopteren" (1882) and "Révision du Système des Orthoptères" (1893), Brunner von Wattenwyl's last great monograph was "Die Insektenfamilie der Phasmiden", based largely on his collection in NHMW. Josef Redtenbacher also spent many years of study on Brunner's collection and many species obtained on loan from other Museums. The result is usually seen bound in one volume, but published as follows: REDTENBACHER (1906: pp. 1-180, 1908: pp. 339-589) and BRUNNER VON WATTENWYL (1907: pp. 181-338). Subsequent authors have been critical of

the omission of many species and even genera, as well as established synonymies and variational data; as a consequence, many species were redescribed. However, the monograph is an essential reference point for anyone interested in phasmid taxonomy.

Bibliographies on Brunner von Wattenwyl give a useful insight into his work and extracts from two of these are quoted, in view of the comments relating to the Orthoptera collection. BURR (1900: 2), writing prior to the phasmid monograph's publication, stated that the collection "is probably the finest in existence; it includes among other noteworthy things, the great majority of Stål's types of the Phasmodea [the remainder are mainly in NHRS, Stockholm]. The great Swedish entomologist based all his work on this group upon the specimens in Brunner's collection, but Brunner himself defies the student to follow out Stål's work in detail without the possession of his types. The fact that Brunner is now engaged in completing a monograph of the Phasmodea is, there-

fore, the more interesting. His vast collections are contained in a great number of cabinets, and very many species are represented also by examples in spirits".

REHN (1915) considered the "Phasmiden" work "comparitively crude and unworthy of comparison with certain of his other papers - a lack of appreciation, or a disregard, of the variations of the forms before him, a tendency which sometimes completely nullified the value of pages of tables on account of the use of variable characters for major divisional criteria. The other tendency noticed is one which, unfortunately, was not peculiar to him. This is a disregard of the work of other authors whose papers may not be within the four walls of the study." However, in recognising the extraordinary studies made by Brunner von Wattenwyl, who was eighty-three years of age when the first section of the phasmid monograph was published, REHN added "Beloved by all who knew him and respected by those who appreciate the gigantic pioneer work he did in a previously little studied branch of knowledge....We shall never see his like again".



**Josef REDTENBACHER** (1856 - 1926) (Fig. 2) was born at Kirchdorf in Krems, Austria, on 27 March 1856. He studied at the University of Vienna and took up various teaching posts in Natural History, Mathematics and Science. He was fortunate enough to be able to study the Orthoptera under the guidance of Brunner von Wattenwyl and, of course, examine his unrivalled collection in Vienna. A grammar school teacher in Vienna between 1896 - 1915, Redtenbacher's several publications included important contributions on fossil insects and Orthoptera, which all appeared before publication of the phasmid monograph.

A critical assessment of Brunner & Redtenbacher's monograph was published by KARNY (1923), which referred to quotes from Rehn and Hebard.

Fig. 2: Josef Redtenbacher

## List of type specimens

The following is a complete list of phasmid type material known to be in the NHMW collection (up to November 1996). Names are listed alphabetically by species, as originally published, with reference to the author, page number and illustration (where applicable). The data given in the list follows an examination of data labels, with a reference to details in the original publication in the event of a discrepancy. In many cases where a collector's name is mentioned, details were not mentioned in the original publication. I have referred to the collector's name as e.g. "leg. Staudinger" or "leg. Fruhstorfer". In this example, it is likely that some of these specimens originated from Staudinger's & Fruhstorfer's own collections and they did not personally collect material. However, collector's names were rarely recorded on the data labels for specimens originating from either of these two entomologists.

Where the name of a locality has changed, the modern name has been added in square brackets, except in the following instances, where I have used the terms: Malaysia for 'Malacca', Sri Lanka for 'Ceylon', Vietnam for 'Tonkin' and Sabah for 'Borneo', where appropriate e.g. Kina-Balu. Otherwise, 'Borneo' is still used, where no locality is recorded; in such cases, specimens could originate from Kalimantan, Sabah or Sarawak. 'North Borneo' could refer to Sabah or Sarawak. Similarly, North has been used for 'Nord'. Some of Fruhstorfer's specimens do not state the year of collection, believed to be in the late 1800's; these are included in the listings as e.g. XI - XII., as stated on the data label. If another museum is recorded on the data label, details are given as e.g. "Mus. Paris"; the NHMW collection reference number is given in square brackets at the end of the text on the type specimen(s) in Brunner von Wattenwyl's collection. Finally, where the current valid name for each species is different to the original described name, the current name is given, based on published literature, which has been scanned from my manual record cards and a detailed examination of literature. Manuscript names used by Brunner von Wattenwyl, Redtenbacher, Günther, and Klante have been ignored, as the species descriptions have not been published.

Where applicable, the presence of additional type material in other collections is indicated using codens of ARNETT & al. (1993); material in museums marked \* has been personally examined. During some visits, I may only have recorded partial information from data labels e.g. in Paris, which has mainly been treated as ? within the text, where I could not trace specimens. However, a detailed search of that collection may reveal specimen(s) overlooked:

ANSP*	Academy of Natural Sciences, Philadelphia, USA
BKMB	Brunei Museum, Kota Baru, Brunei
BMNH*	Natural History Museum, London, UK
ETHZ	Entomologisches Institut, Eidgenössische Technische Hochschule-Zentrum, Zürich, Switzerland
HNHM	Hungarian Natural History Museum, Budapest, Hungary [types destroyed in fire]
ISNB*	Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium
MCSN*	Museo Civico di Storia Naturale "Giacomo Doria", Genova, Italy
MHNG*	Museum d'Histoire Naturelle, Geneva, Switzerland
MNHN*	Museum National d'Histoire Naturelle, Paris, France

MNMS*	Museo Nacional de Ciencias Naturales, Madrid, Spain
NHMB	Naturhistorisches Museum, Basel, Switzerland
NHRS*	Naturhistoriska Riksmuseet, Stockholm, Sweden
NLHD	Niedersächsisches Landesmuseum, Hannover, Germany
NZSI	National Zoological Collection, Zoological Survey of India, Calcutta, India
OXUM*	University Museum, Oxford, UK
RMTO*	Museo Regionale di Scienze Naturali, Torino, Italy
SMNS	Staatliches Museum für Naturkunde, Stuttgart, Germany
SMTD*	Staatliches Museum für Tierkunde, Dresden, Germany
UMBB	Übersee-Museum, Bremen, Germany
ZMAS	Zoological Museum, Academy of Science, St. Petersburg, Russia
ZMHB*	Museum für Naturkunde der Humboldt Universität zu Berlin, Berlin, Germany
ZMUH	Zoologisches Institut und Zoologisches Museum, Universität Hamburg, Hamburg, Germany
ZRC*	Zoological Reference Collection, National University of Singapore, Singapore
ZSMC	Zoologische Staatssammlung, München, Germany

**aberrans** REDTENBACHER, 1906 [*Pachyphloea*]: 64. Holotype ♀, Ecuador: Baños, leg. R. Haensch S. [67].

**aberrata** BRUNNER, 1907 [*Dyme*]: 326. Syntype series: ♂, ♀, Australia: Richmond River, (New South Wales), leg. Staudinger [659]. Valid name: *Parasipylloidea aberrata* (BRUNNER).

**abbreviata** REDTENBACHER, 1906 [*Xylica*]: 30, pl. 3: 3 - 4. Syntype series: ♀, German East Africa "Deutsch O.Afrika": Ukami-Berge, leg. Staudinger [88 mm, well above 75 mm given by author]; ♀, German East Africa, leg. Reiner [75 mm]·[16]. [♂ not traced - ♀♀ likely to represent two species].

**abbreviatus** BRUNNER, 1907 [*Dixippus*]: 280. Syntype series: 2 ♂♂, Brunei, leg. Staudinger [546]. Also in ZMUH: ♂, Sabah: Padas. Valid name: *Carausius abbreviatus* (BRUNNER).

**ablutus** BRUNNER, 1907 [*Clitumnus*]: 190. Holotype ♂, Sri Lanka, leg. F. Sarasin [314]. Valid name: *Baculum ablutum* (BRUNNER).

**abnormis** REDTENBACHER, 1908 [*Sipylloidea*]: 548. Syntype series: ♂, ♀, New Guinea: Simpang, Huon Golf, 1899, leg. Biró; 3 ♀♀, D[deutsch]-New Guinea, leg. Staudinger; ♀, New Guinea: Roon, ex. coll. Fruhstorfer; ♂, New Guinea: Takar, New Holland, leg. Fruhstorfer; ♂, New Guinea: K. Wilhelmsland, Bongu [1102]. Not traced in SMTD from New Guinea. HNHM material from Huon Golf was destroyed in fire.

**acanthonotus** REDTENBACHER, 1906 [*Phasma*]: 122. Syntype series: ♂, ♀, Peru: Guaramaco, leg. Staudinger [193]. Also in Fruhstorfer coll. - not traced [unless Redtenbacher should have stated 'Staudinger']. Valid name: *Pseudophasma acanthonotus* (REDTENBACHER).

**aculeata** REDTENBACHER, 1906 [*Antongilia*]: 25. Syntype series: 3 ♂♂, 3 ♀♀, Madagascar: Antongil, leg. Mocqueris [7]. Also in MNHN: Madagascar e.g. Maroancetra [?]; and in ZMUH: ♂, nymph, 2 ♀♀, Madagascar: Antongil.

- aculeata** BRUNNER, 1907 [*Ocnophila*]: 315. Syntype ♂, Ecuador: Paramba, leg. Burr 'Sta. Inez' [627]. Also ♀♀ in MNMS: Ecuador: Coca. HNHM material from South America was destroyed in fire.
- acuminata** REDTENBACHER, 1908 [*Parasipyloidea*]: 480. Syntype series: ♀, Java: Tengger-Gebirge, leg. Fruhstorfer; ♀, Java, "Mus. Zürich" [897]. Also in ZMHB: 3 ♀♀, Java: Tengger-Gebirge, leg. Fruhstorfer; ♀, Java merid., 1500 ft., 1891, leg. Fruhstorfer; ♀, Java.
- acutangulus** BRUNNER, 1907 [*Eupromachus*]: 300, pl. 13: 7a - b. Syntype series: ♀, New Guinea: Tamara, Berlinhafen, [18]97, leg. Biró; ♀, New Guinea: Kapaur, leg. Doherty, ex. coll. Fruhstorfer; ♀, New Guinea: Simbang, 1899, leg. Biró; ♀, New Guinea: K.Wilhelmsland, Bongu; ♀, New Guinea: Stephansort, leg. H. Rolle; ♀ nymph, New Guinea, Friedrich-Wilhafen, 1896, leg. Biró [596]. Also in ANSP: ♀, New Guinea: Is. Cretin Tonil, 1899, leg. Biró; SMTD: ♂, 2 ♀♀, New Guinea: K.Wilhelmsland, Bongu. HNHM material was destroyed in fire.
- acuteornuta** BRUNNER, 1907 [*Cuniculina*]: 207. Holotype ♀, Sri Lanka: Kandy [365]. Valid name: *Baculum acuteornutum* (BRUNNER).
- acutegibbosus** REDTENBACHER, 1908 [*Asceles*]: 496. Lectotype ♀, Sabah: Kina-Balu, leg. Rolle [designated by Bragg, 1993: 32]. Paralectotype series: 2 ♂♂, same data; ♂, Borneo, leg. Frivaldsky; ♀, Borneo [950]. Valid name: *Calvisia conicipennis* (BATES, 1865: 358).
- acutegranulosa** REDTENBACHER, 1908 [*Necroscia*]: 563. Syntype series: 2 ♂♂, Borneo, leg. Grabowsky [1131]. Valid name: *Nescicroa acutegranulosa* (REDTENBACHER).
- adelphus** REDTENBACHER, 1906 [*Stratocles*]: 106. Holotype ♂, Bolivia: Songo, leg. Staudinger [155].
- adspirans** REDTENBACHER, 1908 [*Asceles*]: 499. Syntype ♂, Java: Buitenzorg [Bogor], 1901, leg. Pedaschenko [963]. Also in ZMAS.
- adusta** REDTENBACHER, 1906 [*Orobia*]: 72. Syntype series: 2 ♂♂, ♀, Madagascar: Mahanoro, leg. Boucard; ♀ [damaged], Madagascar, "Mus. Paris" [82]. Also in MNHN: ♂, ♀, Madagascar. Valid name: *Leiophasma adusta* (REDTENBACHER).
- aenea** REDTENBACHER, 1908 [*Parasipyloidea*]: 480, pl. 24: 4. Syntype series: 2 ♂♂, 2 ♀♀, Java, leg. Staudinger [900]. Also in coll. Semon - not traced.
- aeneicollis** REDTENBACHER, 1908 [*Paradiacantha*]: 506. Holotype ♂, Malaysia: (Perak), leg. Jachau [989]. Valid name: *Sosibia nigrispina* STÅL, 1875: 87.
- aequatorialis** REDTENBACHER, 1908 [*Bacteria*]: 419. Holotype ♀ nymph, Ecuador: Cachabi, 500 ft., XI.[18]96, leg. Rosenburg [808].
- aeruginosa** REDTENBACHER, 1908 [*Calvisia*]: 571. Paralectotype ♀, Java, leg. Staudinger [1160]. Lectotype ♀ in MCSN: Sumatra: Is. Nias, 1897 - 98, leg. Raap, here designated. Paralectotype series: ♀, same data; ♀, Mentawai, Sipora, Sereina, V.-VI.1894, leg. E. Modigliani.
- aeruginosus** REDTENBACHER, 1906 [*Parastratocles*]: 107. Holotype ♀, Peru: Cumbase, leg. Staudinger - & eggs [162].

- affinis* REDTENBACHER, 1906 [*Perliodes*]:** 137. Holotype ♂, Brazil: Espirito Santo, leg. Fruhstorfer [225]. Valid name: *Olcypoides affinis* (REDTENBACHER).
- agathocles* STÅL, 1875 [*Metriotes*]:** 100. Syntype series: 2 ♀♀, Australia, leg. Thorey [locality likely to be in error - Stål believed the locality should be "America", in view of related taxa] [232]. Valid name: *Metriophasma agathocles* (STÅL).
- agrionoides* REDTENBACHER, 1908 [*Aruanoidea*]:** 520. Holotype ♂, Borneo, leg. Grabowsky [1021]. Valid name: *Scionecra agrionoides* (REDTENBACHER).
- alatum* REDTENBACHER, 1906 [*Phaeophasma*]:** 161, pl. 5: 19-20. Paralectotype ♀, Brunei, leg. Staudinger [269]. **Lectotype** ♂, in MCSN: Sarawak, 1865, leg. Doria, here designated.
- albifrons* REDTENBACHER, 1906 [*Autolyca*]:** 96. Holotype ♂, New Caledonia ?, 1893 [140].
- albogeniculata* REDTENBACHER, 1906 [*Anisacantha*]:** 176. Syntype ♂, Madagascar: Antongil, leg. Mocqueris [REDTENBACHER did not refer to any type material in NHMW, or give Antongil as a locality, but this specimen appears to be part of the type series] [273]. Also in MNHN: Madagascar: Maroancetra, St. Marie [?].
- albogeniculata* REDTENBACHER, 1908 [*Sipyloidea*]:** 549. Holotype ♂, Java: Is. Soemba, leg. Staudinger [1086].
- albomarginatus* REDTENBACHER, 1906 [*Damasippoides*]:** 158, pl. 6: 1 - 2. Syntype series: 2 ♂♂, 4 ♀♀, Madagascar; ♂, ♀, Madagascar: Prov. Imerina and Begamozano, Sikora. Also coll. Brancsik; and in in MNHN - coll. Finot.
- albosignata* REDTENBACHER, 1908 [*Calvisia*]:** 569. Holotype ♂, North Borneo, ex. coll. Fruhstorfer [1159]. [Also doubtfully recorded as *Calvisia sangarius* (WESTWOOD) 'varieties' from Sarawak, of which there is a ♂, ♀ in OXUM, No. 681 [part]].
- aliena* REDTENBACHER, 1908 [*Acrophylla*]:** 456, pl. 22: 3. Syntype series: ♂, ♀, New Holland, "Mus. Stuttgart" [869]. Also in SMNS: 2 ♂♂, Australia. Valid name: *Ctenomorpha aliena* (REDTENBACHER) **comb.n.**, here transferred from the genus *Ctenomorphodes* KARNY.
- alienus* BRUNNER, 1907 [*Clitumnus*]:** 193. Holotype ♂, India, leg. Fruhstorfer [327]. Valid name: *Baculum alienum* (BRUNNER).
- alliaceus* STÅL, 1875 [*Rhaphiderus*]:** 85. Holotype ♂, India, leg. Deyrolle [754].
- alticornutus* REDTENBACHER, 1908 [*Leprocaulus*]:** 473. Holotype ♀, D[eu]tsch New Guinea [916]. Valid name: *Leprocaulinus insularis* (KIRBY, 1896: 460).
- amabile* REDTENBACHER, 1906 [*Paraphasma*]:** 115. Syntype series: ♂, ♀, Peru: Marcapata, leg. Staudinger [174]. Also in coll. Rolle: Bolivia - not traced; and in ZMUH: ♂, 2 ♀♀, Peru.
- amazonica* BRUNNER, 1907 [*Dyme*]:** 323. Holotype ♂, Alto Amazonas, leg. Staudinger [645]. Valid name: *Bacteria amazonica* (BRUNNER).
- ambigua* BRUNNER, 1907 [*Dyme*]:** 327. Holotype ♀, Peru: Marcapata, leg. Staudinger [663]. Valid name: *Bacteria ambigua* (BRUNNER).

- amoena** REDTENBACHER, 1906 [*Agrostia*]: 110. Syntype ♂, Panama: Bugaba, leg. Champion [171]. Also in BMNH: 2 ♂♂, Panama: Bugaba, leg. Champion; ♂, Panama: V. de Chiriqui, leg. Champion.
- analis** REDTENBACHER, 1908 [*Aruanoidea*]: 520. Holotype ♂, Java, "Mus. Brussels" [1023]. Valid name: *Necroscia analis* (REDTENBACHER) [The specimen in ISNB from Java is a ♀, which has not been described].
- anceps** BRUNNER, 1907 [*Cuniculina*]: 202. Syntype series: 2 ♀♀, Vietnam: Chiem-Hoa, VIII. - IX, leg. Fruhstorfer; ♀, Vietnam: Than-Moi, 2,000 - 3,000 ft., IV. - V., leg. Rolle [348]. Valid name: *Baculum anceps* (BRUNNER).
- angustata** REDTENBACHER, 1908 [*Necroscia*]: 562. Syntype series: ♂, ♀, Brunei, leg. Staudinger; ♀, North Borneo, leg. Alverett, ex. coll. Fruhstorfer; ♂, Borneo: Labuan, leg. Schlüter; 7 ♂♂, Borneo [1129]. Valid name: *Nescicroa angustata* (REDTENBACHER).
- angustior** BRUNNER, 1907 [*Clitumnus*]: 192. Syntype series: 2 ♂♂, No locality; ♂, Java, leg. Baron Warsberg [321]. [No specimens were traced from 'India', the only locality mentioned by Brunner]. Valid name: *Baculum angustior* (BRUNNER).
- annamensis** BRUNNER, 1907 [*Cuniculina*]: 205. Syntype series: 8 ♀♀, 7 nymphs, Vietnam: Phuc-Son, Annam, XI. - XII., leg. Fruhstorfer [359]. 5 ♀♀, same data in ISNB are likely syntypes [2 ♂♂, which were not described, are also present]. Valid name: *Baculum extradentatum* (BRUNNER, 1907: 193).
- annulatus** BRUNNER, 1907 [*Hyrtacus*]: 302. Holotype ♂, Australia: Richmond, (New South Wales), leg. Staudinger [602]. Valid name: *Parasipyloidea annulata* (BRUNNER).
- annulipes** REDTENBACHER, 1906 [*Holca*]: 114, pl. 4: 16. Syntype series: ♀, Ecuador: Cachabi, approx. 500 ft., XI.[18]96, leg. Rosenberg; ♀, Bolivia: Santa Fe, leg. Sindig [173]. Also in coll. Staudinger: Colombia - not traced; and in coll. M. Burr: Ecuador - not traced [unless it is represented by Ecuador specimen already mentioned].
- annulipes** REDTENBACHER, 1906 [*Phasma*]: 119. Syntype series: 5 ♂♂, ♀, Bolivia: Yung. Coroico, leg. Fassel; ♀, Bolivia: Songo, leg. Fruhstorfer; ♀, Bolivia: Sta Cruz, leg. Rolle; ♂, Bolivia: Caroico, leg. Fassel [184]. Also in MNHN: ♂, ♀, Vera Cruz. Valid name: *Pseudophasma annulipes* (REDTENBACHER).
- appendiculatus** BRUNNER, 1907 [*Phenacephorus*]: 291, pl. 13: 4a - b. Holotype ♀, Sabah: Kina-Balu, leg. Staudinger [572]. Valid name: *Phenacephorus cornucervi* BRUNNER.
- appetens** BRUNNER, 1907 [*Dixippus*]: 281. Syntype series: ♂, Sumatra, leg. Dr. Candeze; 2 ♂♂, Java, leg. Staudinger [549]. Also in SMNS: Java: Peranger - not traced; and in in ETHZ, coll. Schulthness: Java. Valid name: *Carausius appetens* (BRUNNER).
- approximata** REDTENBACHER, 1908 [*Diesbachia*]: 488. Holotype ♂, Borneo, leg. Gröger [919]. Valid name: *Diesbachia hellotis* (WESTWOOD, 1859: 101).



- aptera** REDTENBACHER, 1908 [*Galactea*]: 492. Holotype ♂, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [947]. Valid name: *Prisomera repudiosa* (BRUNNER, 1907: 249).
- apterum** REDTENBACHER, 1906 [*Abrosoma*]: 85, pl. 4: 7-8. Syntype series: ♀, Java, leg. Staudinger; ♀, Philippines: Palawan, leg. Staudinger [115]. Also in MNHN from India: Madras [?].
- aquatilis** STÅL, 1875 [*Leosthenes*]: 102. Holotype ♀, New Caledonia, leg. Boucard [841].
- arcuata** REDTENBACHER, 1908 [*Bostra*]: 408. Holotype ♀ nymph, Brazil: Espirito Santo, leg. Fruhstorfer [790].
- arfacianus** BRUNNER, 1907 [*Promachus*]: 296. Syntype series: ♂, ♀, New Guinea: Arfak, leg. Staudinger [582]. [GÜNTHER (1929: 730) also referred to a ♀ from New Holland]. Also in MNMS: New Guinea. Valid name: *Neopromachus arfacianus* (BRUNNER).
- arietinus** REDTENBACHER, 1906 [*Datames*]: 51. Lectotype ♂, Malaysia: Kuala Kangsar, leg. Grubauer, 1902 [designated by BROCK (1995: 95)]. Paralectotype series: ♂, Malaysia: (Perak), leg. Jachau; ♀, Sumatra: Padang, leg. Consol Sohild; ♀, Sumatra: Mt. Battak, leg. Fruhstorfer [49]. Also in MCSN: ♂, ♀, Sumatra: Mentawai, Sipora, Sereinu, V. - VI.1894, leg. E. Modigliani; ♂, Sumatra, Mentawai, Si Oban, IV. - VIII.1894, leg. E. Modigliani; ETHZ - Schulthess coll.; and in coll. Staudinger - not traced. Valid name: *Datames oileus* (WESTWOOD, 1859: 53).
- armata** BRUNNER, 1907 [*Ocnophila*]: 314. Holotype ♀, Brazil: Espirito Santo [625].
- armatus** REDTENBACHER, 1906 [*Metriotes*]: 139. Syntype ♀, Colombia: Medellin, 6,000 ft., leg. Dämel [229]. Also in SMTD: ♂, Brazil. Valid name: *Metriophasma armatus* (REDTENBACHER).
- arrogans** BRUNNER, 1907 [*Prosentoria*]: 207, pl. 11: 1a-c. Syntype series: 4 ♂♂, 3 ♀♀, Sabah: Kina-Balu, leg. Staudinger [368]. Also in ZMAS.
- asper** REDTENBACHER, 1908 [*Dimorphodes*]: 363. Holotype ♀, D[eu]tsch. New Guinea [725]. Valid name: *Dimorphodes prosthesis asper* (REDTENBACHER), see GÜNTHER (1934: 88).
- asper** REDTENBACHER, 1908 [*Paramenexenus*]: 476. Syntype series: 3 ♂♂, 3 ♀♀, Vietnam: Mt. Mauson, 2,000 - 3,000 ft., IV. - V., leg. Fruhstorfer [906].
- aspera** BRUNNER, 1907 [*Stheneboea*]: 250. Holotype ♀, India: Sikkim, leg. Staudinger [471]. Valid name: *Prisomera aspera* (BRUNNER).
- asperrimus** REDTENBACHER, 1906 [*Obrimus*]: 41, pl. 1: 4 - 5. Syntype series: 3 ♂♂, 3 ♀♀, Sabah: Kina-Balu, leg. Staudinger [37]. Also in MNMS; ZMAS. Valid name: *Aretaon asperrimus* (REDTENBACHER).
- aspersa** REDTENBACHER, 1908 [*Necroscia*]: 563. Syntype series: 3 ♂♂, Sabah: Kina-Balu, leg. Staudinger [1132]. Valid name: *Nescicroa aspersa* (REDTENBACHER).

- atrosignata** REDTENBACHER, 1908 [*Ocellata*]: 554. Lectotype ♂, Borneo [designated by Bragg, 1993: 38] [1113]. HNHM material was destroyed in fire. Valid name: *Orthonecrosia pulcherrima* KIRBY, 1904: 436.
- atrosignata** BRUNNER, 1893 [*Calvisia*]: 85, pl. 3: 27. Paralectotype series: 3 ♀♀, Nicobar Is., Novara Reise, 1857 - 1859 & 3 further ♀♀ without meaningful data probably same locality; ♂, ♀, Moluccas, leg. Deyrolle; ♀, Key Tual, leg. Ronde, ex. coll. Fruhstorfer; ♀, Sumatra, 1889, leg. Dr. Moörh; ♂, ♀, Burma: Bhamò [991]; ♂, Thailand: Bangkok, 1882, "Mus. Paris" [alcohol coll. 038/7]. Lectotype ♀ in MCSN: Burma: Meetan, Tenasserim, IV.1887, leg. L. Fea [designated by BROCK in press]; paralectotype ♂, same data. Further specimens in ISNB are possible paralectotypes. [Note - the type description only referred to Burma: Bhamò, Meetan & Sumatra, but all the above appear to be part of type series]. Valid name: *Trachythorax atrosignatus* (BRUNNER).
- attenuata** PANTEL, 1890 [*Leptynia*]: 402, pl. 4: 20, 21, 23-27. Syntype series: ♂, ♀, possibility of several specimens [429]. Also in MNMS: 7 syntypes in all, ♂♂ & ♀♀ from Portugal: San Fiel & Spain: Talavera; Urda & Cepeda; and in MNHN.
- atticus** BRUNNER, 1882 [*Bacillus*]: 75. Syntype series: ♀♀, possibility of several specimens from Greece: Athens [24].
- attingens** BRUNNER, 1907 [*Clitumnus*]: 194. Holotype ♀, Sri Lanka: Punduloya, leg. Burr [334]. Valid name: *Baculum attingens* (BRUNNER).
- aurantiaconotatus** BRUNNER, 1907 [*Dixippus*]: 279. Holotype ♂, Borneo, 1891, leg. Chaper, "Mus. Paris" [543]. Valid name: *Carausius aurantiaconotatus* (BRUNNER).
- auriculatum** BRUNNER, 1907 [*Prisomera*]: 289. Syntype series: ♂, Borneo: Labuan, leg. Schliester; ♀, Brunei, leg. Staudinger [562]. Valid name: *Phenacephorus auriculatus* (BRUNNER).
- auriculatus** REDTENBACHER, 1906 [*Batycharax*]: 31. Syntype series: 3 ♂♂, ♀, Cameroons: Mundame, leg. Rhode [19]. [Other examples from Ebner collection and det. Holdhaus, are not type material]. Also in MNHN: ♀, Congo: Mayumba. HNHM material was destroyed in fire. Valid name: *Batycharax auriculatus* (REDTENBACHER).
- australica** REDTENBACHER, 1908 [*Parasosibia*]: 482. Holotype ♀, Australia: Lord Howe Island, leg. Stevens [893].
- australicus** BRUNNER, 1907 [*Carausius*]: 273. Syntype series: 2 ♀♀, Australia: Rockhampton, leg. Thorey [519]. Also in ZMUH: 3 ♀♀, same data.
- battak** REDTENBACHER, 1908 [*Diardia*]: 486. Syntype series: ♂, Java, "Mus. Stuttgart"; ♀, Sumatra: Mt. Battak, leg. Fruhstorfer; ♀, Sumatra, leg. Veris [924]. Not traced in SMNS from Java: Preanger.
- bedoti** REDTENBACHER, 1908 [*Rhaphiderus*]: 388, pl. 19: 1. Syntype series: 2 ♂♂, Vietnam: Mt. Mauson, leg. Fruhstorfer [755]. Also in MHNG: ♂, Vietnam.
- bellangeri** REDTENBACHER, 1908 [*Bacteria*]: 420. Holotype ♂, Martinique, leg. V. Bellanger, "Mus. Paris" [819]. Not traced in MNHN [specimen believed to have been retained in NHMW].

- bellicosus** REDTENBACHER, 1908 [*Dimorphodes*]: 365. Syntype series: 2 ♂♂, Celebes: Pic von Bouthain, leg. Sarasin [728]. Valid name: *Dimorphodes prostasis sarasini* (REDTENBACHER), see GÜNTHER (1934: 88).
- bengalensis** BRUNNER, 1907 [*Menexenus*]: 246. Lectotype ♂, Bengale, 1815, leg. Diard & Duvaucel, "Mus. Paris" [designated by HAUSLEITHNER (1992: 432)] [463]. Paralectotype series also in MNHN: ♂, ♀, same data. Valid name: *Neohirasea bengalensis* (BRUNNER).
- bengalensis** REDTENBACHER, 1906 [*Platymorpha*]: 47. Lectotype ♀, Sumatra: Bengkalis [not "Bengalen"], 1885, leg. Maindron, "Mus. Paris" [designated by BRAGG 1992: 44] [43]. Paralectotype series in MNHN: 2 ♀♀, Sumatra: Bengkalis, 1885, leg. Maindron; ♀, Java. Valid name: *Planispectrum bengalensis* (REDTENBACHER).
- biaculeata** REDTENBACHER, 1908 [*Sosibia*]: 535. Holotype ♂, Sri Lanka: N. Eliya, leg. Dr. Sarasin [1067].
- biceps** REDTENBACHER, 1908 [*Pharnacia*]: 451. Syntype series: 3 ♂♂, Java: Malang, leg. Staudinger; ♂, Java: Soetabaia, leg. Fruhstorfer; 6 ♀♀, Java, leg. Dr. Dohrn; 2 nymphs, Java: Tengger-Geb, leg. Fruhstorfer [861]. Also in SMNS: ♀, India: Assam; MNHN: ♂, 2 ♀♀, Vietnam; and from Java: ZMUH: ♀, Mt. Tengger; MNHN; ZMHB: ♀, Java; 2 further ♀♀, Java & nymph are also possibly part of the type series; ZMAS; MHNG: ♂, Java: Soekaboemi, leg. M.E. Walsh; ♂, Java: Passeroean; 2 ♀♀, Java. HNHM material was destroyed in fire.
- bicolor** BRUNNER, 1907 [*Dixippus*]: 279. Syntype ♂, North Borneo, leg. Alverett, ex. coll. Fruhstorfer [541]. Also in ANSP: ♂, North Borneo, leg. Waterstradt. Valid name: *Carausius bicolor* (BRUNNER).
- bicolor** BRUNNER, 1907 [*Lonchodes*]: 259. Syntype series: 2 ♂♂, 2 ♀♀, & nymph, Formosa: Takoa, leg. Sauter; ♂, Formosa: Regenzeit, leg. Fruhstorfer; ♀, China: Kiangsi, 1869, leg. A. David, "Mus. Paris" [484]. Valid name: *Phraortes bicolor* (BRUNNER).
- bicorne** REDTENBACHER, 1906 [*Euphasma*]: 126. Syntype ♀, Locality not recorded, "Mus. Dresden" [208]. Also in ZMHB; and in SMTD: ♂, ♀, "Amer. Mer" [Colombia according to REDTENBACHER].
- bidentata** BRUNNER, 1907 [*Cuniculina*]: 204. Holotype ♀, Java, "Mus. Budapest" [355]. Valid name: *Baculum bidentatum* (BRUNNER).
- bifida** REDTENBACHER, 1908 [*Bostra*]: 412. Holotype ♀, Venezuela, leg. Staudinger [798].
- bifida** BRUNNER, 1907 [*Gratidia*]: 226. Syntype series: ♂, Djibouti: Obok, VII.[18]97, leg. Jousseume, "Mus. Paris"; ♂, Djibouti, "Mus. Paris"; ♂, Egypt: Natt, 1858 [414]. Also in MNHN: Djibouti [?].
- bifrons** STÅL, 1875 [*Dyme*]: 77. Syntype series: 4 ♂♂, ♀, Peru, leg. Staudinger; ♂, Peru: Cumbase, leg. Staudinger [639]. Valid name: *Bacteria bifrons* (STÅL).
- bilineatus** BRUNNER, 1907 [*Clitumnus*]: 191. Syntype series: ♂, Burma: Tenasserim, Tandong, 4000 ft., V., leg. Fruhstorfer; ♂, Burma: Carin Chebà, 900 - 1100 m, V. - XII.[18]88, leg. L. Fea, "Mus. Genova" [318]. Valid name: *Baculum bilineatum* (BRUNNER).

- bilineolata* BRUNNER, 1907 [*Leptinia*]: 231. Holotype ♂, South Africa, leg. Dr. Penther [432]. Valid name: *Leptynia bilineolata* BRUNNER.
- biplagiata* REDTENBACHER, 1908 [*Marmessoidea*]: 512. Holotype ♂, Central Vietnam: Chiem-Hoa, VIII. - IX., leg. Fruhstorfer [1008].
- biplagiata* REDTENBACHER, 1908 [*Sipyloidea*]: 544. Syntype series: ♂, ♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer; ♂, Vietnam: Mt. Mauson, IV. - V., 2,000 - 3,000 ft., leg. Fruhstorfer [1079].
- bipunctata* REDTENBACHER, 1906 [*Agrostia*]: 110, pl. 4: 15. Syntype ♂, Alto Amazonas, Coary, leg. Staudinger [172]. Also in MNMS: Paraguay.
- bipunctata* REDTENBACHER, 1908 [*Aruanoidea*]: 524. Holotype ♀, North Butor "New Britain", leg. H. Kühne [1013]. Valid name: *Aruanoidea aruana* (WESTWOOD, 1859: 134).
- bipunctata* REDTENBACHER, 1908 [*Pachyscia*]: 531. ? Holotype ♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [1052]. [Undescribed ♂♂ also present - 2 ♂♂, same data; and 2 ♂♂, Vietnam: Mt. Mauson].
- biroi* REDTENBACHER, 1908 [*Hermarchus*]: 445. Syntype series: ♂, ♀, New Guinea, Simbang, Huon Golf, 1899, leg. Biró; ♀, Deutsch New Guinea, leg. Rosenberg; 2 ♀♀ nymphs, New Guinea, Sattelberg, Huon Golf, leg. Biró [850]. Also in ZMUH: ♂, New Guinea, leg. Biró; and in coll. Staudinger. HNHM material was destroyed in fire.
- biseriata* REDTENBACHER, 1908 [*Sipyloidea*]: 548. Holotype ♂, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [1101]. Valid name: *Necroscia westwoodi* KIRBY, 1904: 376.
- bisignata* REDTENBACHER, 1908 [*Necroscia*]: 564. Holotype ♂, North Borneo, leg. Alverett, ex. coll. Fruhstorfer [1134]. Valid name: *Nescicroa bisignata* (REDTENBACHER).
- bispinosum* REDTENBACHER, 1906 [*Phasma*]: 122. Syntype series: ♂, ♀, Ecuador: Coca, leg. R. Haensch S.; ♀, Ecuador: Santa Inez, leg. R. Haensch S. [194]. Also in coll. Rolle - not traced. Valid name: *Pseudophasma bispinosum* (REDTENBACHER).
- bispinosus* REDTENBACHER, 1906 [*Pygirhynchus*]: 59, pl. 1: 19 - 20. Syntype series: ♂, ♀, Brazil: Espirito Santo, leg. Fruhstorfer [61]. Also in ZMUH: 2 ♂♂, Brazil: Espirito Santo; and in coll. Staudinger - not traced.
- bispinus* REDTENBACHER, 1908 [*Asceles*]: 496. Syntype series: 3 ♂♂, 3 ♀♀, Vietnam: Than-Moi, leg. Fruhstorfer; ♀, Vietnam: Mt. Mauson, 2,000 - 3,000 ft., leg. Fruhstorfer [496].
- bistriolata* REDTENBACHER, 1908 [*Aruanoidea*]: 528. Syntype series: 3 ♂♂, ♀, Java: Palabuan, leg. Fruhstorfer; ♀, Java, leg. Fruhstorfer; ♂, Java, leg. Staudinger; ♂ nymph, Java: Tengger-Geb, leg. Fruhstorfer; ♀, Sumatra, leg. Dr. Plasom; ♀, Sumatra; ♀, Java, "Weltreise Erz. Franz. Ferd. 1893" [1046]. Also in MCSN: ♂, 2 ♀♀, 2 ♀♀ nymphs, Sumatra: Is. Engano, Bua Bua; several ♂♂, ♀♀, Sumatra: Mentawai; ISNB: ♂, ♀, Java, leg. Fruhstorfer; and in SMNS: 2 ♂♂, 3 ♀♀, Java: Prangar province, 1899, leg. Hüpen. Valid name: *Necroscia bistriolata* (REDTENBACHER).

- bistriolata** REDTENBACHER, 1908 [*Sipyloidea*]: 547. ? Syntype series: 2 ♂♂, 2 ♀♀, Sri Lanka: Kandy, leg. Burr; ♂, Malaysia: Penang [misidentified; det. as *Sipyloidea meneptolemus* (WESTWOOD, 1859: 141) - see BROCK (1995: 92)] [1095]. [Redtenbacher only described the ♀ and only recorded specimen(s) from Penang (a ♂, not ♀) in NHMW. It is therefore unclear whether Burr's specimens are part of the type series]. Also in MNHN: Sri Lanka: Kandy.
- bisulca** REDTENBACHER, 1908 [*Sosibia*]: 537. Holotype ♀, Borneo: Labuan, leg. Schlisther [1070].
- bituberculata** REDTENBACHER, 1889 [*Gratidia*]: 26. Syntype series: 2 ♀♀, Turkmenistan: Krasnovodsk, Askhabad [399].
- boliviana** REDTENBACHER, 1906 [*Anisomorpha*]: 94. Syntype ♀, Bolivia: Mapiri, leg. Staudinger [130]. [♂ not traced].
- bouvieri** BRUNNER, 1907 [*Pachymorpha*]: 214. Syntype series: 3 ♂♂, 3 ♀♀, New Zealand: Invercargill, leg. Burr; ♂, 2 ♀♀, New Zealand: Nelson, 1876, leg. Filhol, "Mus. Paris"; ♂, No locality, labelled n.sp. [3 further ♀♀ without labels, not regarded as part of type series] [378]. Also ♂♂, ♀♀ in MNHN. Valid name: *Mimarchus annulatus* (HUTTON, 1898: 162).
- bradypus** REDTENBACHER, 1908 [*Bacteria*]: 421. Syntype ♀, Antilles, "Mus. Paris" [818]. [♀ from Surinam not traced].
- brasiliensis** BRUNNER, 1907 [*Dyme*]: 322. Holotype ♂, Brazil, leg. Fruhstorfer [643]. Valid name: *Bacteria brasiliensis* (BRUNNER).
- breitensteini** REDTENBACHER, 1906 [*Dares*]: 55. Syntype series: 2 ♂♂, 2 ♀♀, Borneo [58]. [Designation of lectotype believed to be in press].
- brevicollis** REDTENBACHER, 1908 [*Asceles*]: 498. Lectotype ♀, Sumatra [956]. [designated by BROCK (1995: 87)]. Also in MNHN: paralectotype ♀, West Java.
- brevipennis** REDTENBACHER, 1908 [*Asceles*]: 498. Holotype ♀, Vietnam: Mt. Mauson, IV. - V., 2,000 - 3,000 ft., leg. Fruhstorfer [959].
- brevipennis** REDTENBACHER, 1908 [*Sipyloidea*]: 550, pl. 27: 1. Syntype ♀, Borneo: Balabac, leg. Staudinger [1091]. [♂ & ♀ specimen(s) from Philippines not traced in alcohol coll.].
- brevipennis** REDTENBACHER, 1908 [*Xeroderus*]: 359. Holotype ♀, Solomon Is., Isabel Is., Albatros, 15.II.1897 [721].
- brevipes** REDTENBACHER, 1908 [*Asystata*]: 533. Holotype ♀, North Borneo, leg. Fruhstorfer [1058].
- brevipes** REDTENBACHER, 1906 [*Isagoras*]: 134, pl. 5: 7. Syntype series: 2 ♀♀, Brazil: Espirito Santo, leg. Fruhstorfer [216].
- brevipes** REDTENBACHER, 1908 [*Stephanacris*]: 441, pl. 21: 4 a-b. Syntype series: 3 ♂♂, 2 ♀♀, New Guinea: Sattelberg, Huon Gulf, 1899, leg. Biró; ♀, New Guinea: Sattelberg, leg. Staudinger.[847]. Also in ZMUH: ♂, New Guinea: Sattelberg. HNHM material was destroyed in fire, although eggs "Mus. Budapest" are present in NHMW.

- brevitarsata* BRUNNER, 1907 [Dyme]:** 322. Syntype series: 2 ♂♂, Brazil: Espirito Santo, leg. Fruhstorfer; ♂, Brazil: Espirito Santo, leg. Staudinger [640]. Valid name: *Bacteria brevitarsata* (BRUNNER).
- brevitarsis* REDTENBACHER, 1908 [Diardia]:** 485. Syntype series: 2 ♂♂, New Guinea: Simbang, Huon Golf, 1899, leg. Biró; ♂, New Guinea: Milne Bay, leg. Staudinger [934]. Not traced in SMTD. Valid name: *Leprocaulinus insularis* (KIRBY, 1896: 460).
- brevivalvis* REDTENBACHER, 1906 [Orobia]:** 70. Syntype series: ♂, ♀, Madagascar: Antongil, leg. Mocqueris; ♂ nymph, Madagascar, "Mus. Paris" [77]. Also in MNHN: several ♂♂, ♀♀, Madagascar. Valid name: *Leiophasma brevivalvis* (REDTENBACHER).
- brocki* HAUSLEITHNER, 1987 [Calynda]:** 178. Holotype ♂, Costa Rica. Paratype series: 2 ♂♂, 3 ♀♀, same data [no ref. number allocated].
- brunneri* STÅL, 1875 [Medaura]:** 69. Holotype ♀, India: Silhet, leg. Deyrolle [449].
- brunneri* STÅL, 1875 [Neanthes]:** 90. Holotype ♀, New Caledonia, leg. Deyrolle [710]. [♂, described by BRUNNER (1907: 349) also present]. Valid name: *Asprenas brunneri* (STÅL).
- burri* BRUNNER, 1907 [Carausius]:** 270. Holotype ♀, India: Mt. Nilgeris, leg. Burr [516].
- caesarea* REDTENBACHER, 1908 [Vetilia]:** 465. Holotype ♂, New Guinea: Stephansort, leg. Staudinger [881].
- caesius* REDTENBACHER, 1908 [Candaules]:** 539. Holotype ♂, Vietnam: Than-Moi, VI.-VII., leg. Fruhstorfer [1075]. Valid name: *Lopaphus caesius* (REDTENBACHER).
- caligulata* REDTENBACHER, 1906 [Xylica]:** 30. Holotype ♀, Zanzibar "Zanzibaküste", 1888, leg. Steind. d. [15].
- camposi* HEBARD, 1924 [Libethra]:** 143. Paratype ♂, Ecuador, leg. F. Campos Ribadeneira [612]. In ANSP: Holotype ♂, Ecuador: Tambillo, Pichincha, 9186 ft., leg. F. Campos Ribadeneira; and paratypes with same data: 3 ♂♂, ♀.
- capitata* REDTENBACHER, 1908 [Ocellata]:** 553. Holotype ♀, Borneo, leg. Boucard [1112]. Valid name: *Orthonecroschia capitata* (REDTENBACHER).
- carbonarius* REDTENBACHER, 1906 [Stratocles]:** 106. Syntype series: ♂, 2 ♀♀, Bolivia: Mapiri, leg. Staudinger; ♂, Peru: Callenga [157].
- carinulatus* REDTENBACHER, 1908 [Paramenexenus]:** 476. Holotype ♀, Vietnam: Mt. Mauson, 2,000 - 3,000 ft., IV. - V., leg. Fruhstorfer [904].
- caryophyllea* REDTENBACHER, 1908 [Marmessoidea]:** 510. Syntype series: 5 ♂♂, North Borneo, leg. Fruhstorfer; 2 ♀♀, Borneo, leg. Grabowsky; ♂, Sabah: Kina-Balu, leg. Staudinger; ♂, Borneo, 1891, leg. Chaper, "Mus. Paris"; ♂ nymph, Borneo: Tumbang Kiang, [18]80 - 81, leg. Grabowsky [997]; Sarawak: Baramfluss, leg. Kükenthal [alcohol coll. 014/03]. Also in ZMHB: ♂, Borneo, leg. S. Wahnes, ex. coll. V. Wolf v. Schönberg; ♂, same data [no det. label by Brunner or Redtenbacher]; MNHN: Borneo; and in ZMUH: ♂, ♀, North Borneo.

- catenulatus* REDTENBACHER, 1908 [*Dimorphodes*]: 365. Syntype series: ♀, New Guinea: Key Is., leg. Staudinger; ♂, 2 ♀♀, New Guinea: Key Is., leg. Fruhstorfer [729]. Not traced in any of the following: ZMHB; MNHN and ZMAN. Valid name: *Dimorphodes mancus catenulatus* (REDTENBACHER), see GÜNTHER (1934: 88.)
- caudatum* REDTENBACHER, 1906 [*Phyllium*]: 177. Syntype ♀, New Guinea, 1899, leg. Biró [299]. HNHM material was destroyed in fire.
- celebensis* REDTENBACHER, 1908 [*Dimorphodes*]: 367. Syntype series: 2 ♂♂, ♀, Celebes: Loka, leg. Sarasin [733]. Valid name: *Dimorphodes mancus celebensis* (REDTENBACHER), see GÜNTHER (1934: 90).
- cercata* REDTENBACHER, 1908 [*Parasipyloidea*]: 479. Holotype ♀, Australia: Sydney, leg. Dämel [896].
- cervinum* REDTENBACHER, 1906 [*Parectatosoma*]: 166. Syntype ♀ nymph, Madagascar: Sakavalana [278]. [REDTENBACHER did not refer to specimen(s) in NHMW, but this specimen is from the type locality and appears to form part of the type series]. Also in MNHN [?].
- ceylonica* REDTENBACHER, 1908 [*Parasosibia*]: 481, pl. 24: 3. Syntype series: ♂, Sri Lanka: Pattipola, 2,000 ft., 1902, leg. Biró; ♀, Sri Lanka [890]. Also in MNMS.
- chani* HAUSLEITHNER, 1991 [*Phasgania*]: 227. Holotype ♂, Sabah: Ulu Dusun, Mile 32, Sandakan, 14.V.1986, leg. C. L. Chan [No ref. number allocated]. Valid name: *Carausius chani* (HAUSLEITHNER).
- chilensis* REDTENBACHER, 1908 [*Clonistria*]: 406. Holotype ♂, & nymph, Chile, leg. Dr. Baden [787].
- chinensis* BRUNNER, 1907 [*Cuniculina*]: 202. Syntype series: 2 ♀♀, China [data label Chinese], 2.VIII.[18]93 [350]. Also in MNHN: ♀, China: Kiangsi; and in ZMAS: China, Prov. Sztschwan. Valid name: *Baculum chinensis* (BRUNNER).
- chinensis* BRUNNER, 1907 [*Lonchodes*]: 259. Syntype series: ♂, China: Kiang-si, 1869, leg. A. David, "Mus. Paris"; ♀, Formosa: Regenzeit, leg. Fruhstorfer; ♀, Formosa, [18]92, leg. F. Hirth [485]. [not mentioned from Formosa by Brunner and no reference made to specimens in NHMW. However, these specimens appear to form part of the type series]. Also in MNHN: 3 ♂♂, China: Kiang-si, 1869, leg. A. David.
- chiriquensis* BRUNNER, 1907 [*Dyme*]: 325. Holotype ♂, Panama: Chiriqui, coll. Godman [654]. Valid name: *Bacteria chiriquensis* (BRUNNER).
- circe* REDTENBACHER, 1908 [*Canachus*]: 347. Syntype ♂, Singapore, 1893, "Weltreise Erz. Franz Ferd" [704]. Recorded as Singapore [?] [reference to a 'false label' is indicated on a curator's label i.e. the locality is believed to be in error]. Also in MHNG: ♀, New Caledonia.
- cirsium* REDTENBACHER, 1906 [*Mirophasma*]: 64. Syntype ♀, Colombia, leg. Steinheil [68]. Not traced in ZMHB.
- clarissima* REDTENBACHER, 1908 [*Calvisia*]: 568. Lectotype ♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [designated by BROCK (1995: 88) in view of

- doubt over type material] [1150]. Also in collection: ♀, Malaysia: (Kelantan), leg. Rolle, probably not part of type series and a misidentified specimen with a label *punctulata*.
- clavigera** REDTENBACHER, 1908 [*Aruanoidea*]: 523. Holotype ♂, Sarawak: Baramfluss, leg. W. Kükenthal [1020]. Valid name: *Necroscia clavigera* (REDTENBACHER).
- clavigera** REDTENBACHER, 1908 [*Bacteria*]: 415. Syntype ♂, locality not known. leg. Lefebure, "Mus. Paris" [799]. Also in MNHN: Guyana [?].
- cochinchinensis** REDTENBACHER, 1906 [*Platymorpha*]: 46, pl. 1: 11 & 11a. Syntype ♀, Cochinchina, "Mus. Paris" [42]. Also in MNHN [?]. Valid name: *Planispectrum cochinchinensis* (REDTENBACHER).
- coenosa** REDTENBACHER, 1908 [*Eurycantha*]: 344, pl. 16: 1 - 2. Syntype series: ♂, New Guinea: Konstansinskafer, leg. Staudinger; ♀, Deutsch New Guinea, leg. Staudinger; ♀, New Guinea: K. Wilhelmisland, Bongu, [18]99, leg. Prinz [699]. Also in MCSN: ♂, ♀, New Guinea: Katau [♂ - 1872, ♀ - 1876]; ZMHB - not traced; and in SMTD: ♀, No locality. Valid name: *Eurycantha insularis* LUCAS, 1869: 25.
- coerulescens** REDTENBACHER, 1908 [*Calvisia*]: 570. Lectotype ♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [designated by BROCK (1995: 88)]. Paralectotype series: 2 ♀♀, same data [1151].
- cognatum** REDTENBACHER, 1906 [*Paraphasma*]: 117. Syntype series: ♂, ♀, Ecuador: Cachabi, leg. Rosenburg (♂ - I.[18]97) [181].
- commutata** REDTENBACHER, 1908 [*Calvisia*]: 568. Holotype ♂, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [1164]. [Redtenbacher also linked this species with the ♂ paralectotype of *Calvisia sangarius*]. Valid name: *Calvisia sangarius* (WESTWOOD, 1859: 155).
- compacta** REDTENBACHER, 1908 [*Necroscia*]: 562. Syntype series: 2 ♂♂, Java: Mt. Gede, 4,000 ft., 1896, leg. Fruhstorfer; 2 ♂♂, Java, leg. Fruhstorfer; 7 ♂♂, 3 ♀♀, Sumatra, leg. Plason; 3 ♂♂, 5 ♀♀, Sumatra; ♂, Sumatra, leg. Rolle [1140]. [Specimens from Java appear to be part of the type series, even though Redtenbacher did not refer to this locality. No specimens were traced from North Borneo]. HNHN material was destroyed in fire. Valid name: *Nescicroa compacta* (REDTENBACHER).
- concolor** REDTENBACHER, 1906 [*Orobia*]: 71. Syntype ♂, Madagascar, leg. Deyrolle [79]. Also in MNHN: several ♂♂, ♀♀, Madagascar e.g: Bourbon. Valid name: *Leiophasma concolor* (REDTENBACHER).
- conformans** BRUNNER, 1907 [*Gratidia*]: 222. Syntype series: 3 ♂♂, 6 ♀♀, Vietnam: Annam, Phuc-Soc, XI.-XII., leg. Fruhstorfer [396]. Also in ISNB: 3 ♀♀, same data.
- confusa** REDTENBACHER, 1908 [*Aruanoidea*]: 525. Holotype ♀, Singapore: Bukit Timah, 1871, leg. Ransont [1037]. Valid name: *Necroscia affinis* (GRAY, 1835: 37).
- confusa** BRUNNER, 1907 [*Libethra*]: 308. Syntype ♀, Guatemala, leg. Dr. Candeza [614]. Also in MCSN - not traced.



- connexa** REDTENBACHER, 1908 [*Arvanoidea*]: 525. Holotype ♀, Malaysia: (Perak), leg. Jachau [1032]. Valid name: *Necroschia roseipennis* SERVILLE, 1838: 252.
- consersa** REDTENBACHER, 1908 [*Calvisia*]: 568, pl. 27: 7. Syntype series: 2 ♀♀, Sabah: Kina-Balu, leg. Staudinger [1157].
- consersa** REDTENBACHER, 1908 [*Marmessoidea*]: 515. Lectotype ♂, India: Nicobar, Novara, 1857 - 1859, leg. Reise, here designated [length - 52 mm]. Paralectotype ♂, same data [1002]. [note - this is the same species included in the type series of *Trachythorax atosignatus* (BRUNNER), 1893] **syn.n.**
- consersum** REDTENBACHER, 1906 [*Paraphasma*]: 117. Syntype ♀, Brazil: Alto-Amazonas, leg. Staudinger [180]. Also in ZMHB: ♂, Brazil: Para, leg. Sieber.
- conspicua** REDTENBACHER, 1908 [*Arvanoidea*]: 520. Holotype ♂, Philippines, leg. Bolivar [1022]. Valid name: *Necroschia conspicua* (REDTENBACHER).
- contracta** REDTENBACHER, 1908 [*Necroschia*]: 562. Syntype series: ♂, ♀, Sumatra: Pangherang-Pisang, X.[18]90 - III.[18]91, leg. E. Modigliani, "Mus. Genova" [1139]. Also in MCSN: 2 ♂♂, same data. Valid name: *Nescicroa contracta* (REDTENBACHER).
- cordifer** REDTENBACHER, 1908 [*Neocles*]: 505. Syntype ♀, N.E.Borneo: Boeloengan, [19]02, leg. Mattheston [986]. Not traced in ZMAN. Valid name: *Neoclydes cordifer* (REDTENBACHER).
- coriacea** REDTENBACHER, 1906 [*Anisomorpha*]: 93. Holotype ♀, New-Granada, 1843, leg. Sulkowsky [135].
- coriacea** REDTENBACHER, 1908 [*Eurycantha*]: 345. Syntype series: ♂, New Guinea: Sattelberg, leg. Rolle; ♀, New Guinea: Sattelberg, leg. R. Poech; ♀, New Guinea: Sattelberg, Huon Golf, leg. Biró [702]. Also in coll. Staudinger - not traced. HNHM material was destroyed in fire. Valid name: *Eurycantha insularis* LUCAS, 1869: 25.
- cornucervi** BRUNNER, 1907 [*Phenacephorus*]: 292. Holotype ♀, Sabah: Kina-Balu, leg. Staudinger [573].
- cornuta** BRUNNER, 1907 [*Ocnophila*]: 314. Syntype series: ♀, Brazil: Espirito Santo, leg. Fruhstorfer; ♀, Brazil: Minas Geraës, leg. Fruhstorfer [626].
- coronata** REDTENBACHER, 1908 [*Eurycantha*]: 344. Holotype ♀, British New Guinea, leg. Fruhstorfer [701].
- corticina** REDTENBACHER, 1908 [*Sipylloidea*]: 547. Holotype ♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [1099]. Valid name: *Sipylloidea meneptolemus* (WESTWOOD), 1859: 141.
- coxata** BRUNNER, 1907 [*Dyme*]: 323. Holotype ♂, Colombia, leg. Staudinger [649]. Valid name: *Bacteria coxata* (BRUNNER).
- crassespinosa** BRUNNER, 1907 [*Libethra*]: 307. Syntype series: ♂, ♀, small nymph, Colombia, leg. Steinheil [611].
- cristata** BRUNNER, 1907 [*Gratidia*]: 227. Holotype ♀, South Africa, leg. Dr. Penther [& 2 nymphs] [420].

- cristatus* BRUNNER, 1907 [*Carausius*]: 270. Syntype series: 2 ♀♀, Sabah: Kina-Balu, leg. Staudinger; ♀, Brunei, leg. Staudinger [514].
- cristatus* REDTENBACHER, 1906 [*Ceroys*]: 60, pl. 1: 21 - 22. Syntype series: ♂, ♀, Brazil, "Mus. Berlin" [63].
- crutulatus* BRUNNER, 1907 [*Myronides*]: 255. Syntype series: 2 ♀♀, & nymph, Indonesia: Is. Buru, leg. H. Kühne [481].
- crocodilus* STÅL, 1875 [*Canachus*]: 90. Syntype series: ♂, New Caledonia, leg. Depuiset; ♀, New Caledonia, leg. Boucard [705].
- curvithorax* BRUNNER, 1907 [*Myronides*]: 254. Holotype ♂, India: Sikkim, leg. Staudinger [478].
- debilis* REDTENBACHER, 1906 [*Xera*]: 146. Syntype series: 5 ♂♂, 4 ♀♀, Venezuela: Merida, leg. Boucard; ♂, 2 ♀♀, Locality not known, "Mus. Dresden" [242]. Not traced in ZMHB: Colombia. HNHM material was destroyed in fire, but ♂, ♀, Venezuela: Briceno, Merida "ex. Mus. Hung." are in MHNG.
- debilitata* REDTENBACHER, 1908 [*Sipylodea*]: 549. Holotype ♂, Australia: Cooktown, leg. Staudinger [1087].
- decolyanus* BRUNNER, 1907 [*Lonchodes*]: 260. Syntype series: 2 ♂♂, India: Kurseong, ex. coll. Pantel [496]. [Not mentioned in NHMW by Brunner, possibly specimen retained, or obtained at a later date]. Also in MNHN: 3 ♂♂, 2 ♀♀, same data.
- decolyi* BRUNNER, 1907 [*Cuniculina*]: 202. Syntype ♀, India: Kurseong, ex. coll. Pantel [349]. [Although not recorded in NHMW, probably retained in collection, or exchanged at a later date]. Also in MNHN - coll. Pantel: ♀. Valid name: *Baculum decolyi* (BRUNNER).
- deflorata* REDTENBACHER, 1908 [*Ocellata*]: 555. Holotype ♂, Sabah: Kina-Balu, leg. Staudinger [1121]. Valid name: *Orthonecroscia deflorata* (REDTENBACHER).
- degeneratum* BRUNNER, 1907 [*Prisomera*]: 290. Syntype series: 3 ♀♀, 2 ♀♀ nymphs, Sri Lanka: Kandy, leg. Burr [566]. Valid name: *Lonchodes degeneratus* (BRUNNER).
- dentata* STÅL, 1875 [*Anisomorpha*]: 95. Holotype ♀, Brazil: Santa Catharina, leg. Puls [131].
- dentata* REDTENBACHER, 1908 [*Diardia*]: 487. Holotype ♂, W.Java: Sukabuni, leg. Fruhstorfer [926].
- dentata* STÅL, 1875 [*Macella*]: 70. Holotype ♂, Cochinchina, leg. Deyrolle [436].
- dentatocercata* BRUNNER, 1906 [*Dyme*]: 325. Holotype ♂, Bolivia: Chacao, leg. Staudinger [657]. Valid name: *Bacteria dentatocercata* (BRUNNER).
- denticornis* STÅL, 1875 [*Entoria*]: 72. Holotype ♀, Philippines, leg. Thorey [370].
- denticulata* REDTENBACHER, 1908 [*Graeffea*]: 371. Syntype series: 2 ♀♀, Mariannen Is., "Mus. Paris"; 2 ♀♀, Is. Ruck, leg. Rosenburg [769]. Also in MNHN [?].
- dentipes* REDTENBACHER, 1908 [*Bactridium*]: 402, pl. 19: 6. Holotype ♀, Brazil: Theresopolis, leg. Michaelis [780]. Valid name: *Cladoxerus dentipes* (REDTENBACHER).

- dentipes** REDTENBACHER, 1906 [*Isagoras*]: 134. Syntype ♂, Panama: Bugaba, 800 - 1,500 ft., leg. Champion [217]. Also in BMNH: 2 ♂♂, Panama: V. de Chiriqui, leg. Champion.
- depressa** BRUNNER, 1907 [*Dyme*]: 327. Syntype ♀, Guatemala: Las Mercedes, 3,000 ft., leg. Champion [664]. [Brunner did not refer to a specimen retained in NHMW]. Also in BMNH: ♀, Guatemala: Las Mercedes, leg. Champion; ♀, Guatemala: Purula, Vera Paz, leg. Champion; ♀, Guatemala: Cerro Zunil, leg. Champion. Valid name: *Bacteria depressa* (BRUNNER).
- depressus** REDTENBACHER, 1906 [*Pterobrimus*]: 43. Syntype ♀, Fiji, leg. Thorey [39]. Also in ZMUH: ♂, Fiji: Vitu-Levu.
- desciscens** BRUNNER, 1907 [*Zehntneria*]: 233. Syntype ♀, Zambesi, "Mus. Stuttgart" [438]. Also in SMNS: ♀: Zambesi.
- detrectans** BRUNNER, 1907 [*Cuniculina*]: 199. Syntype series: ♂, Cambodia, leg. Rosset; ♀, Ind. Orient, "Mus. Stuttgart" [340]. [Brunner only referred to Cambodia]. Valid name: *Baculum detrectans* (BRUNNER).
- diabolus** REDTENBACHER, 1908 [*Eurycantha*]: 343. Syntype ♂, New Guinea, leg. Staudinger [696]. Also in ZMUH: ♂, Mioko; ZMHB: 2 ♀♀, New Guinea: New Britain, Kalum Bismarkarchipel, leg. Fr. Dahl; and in MNHN: New Holland. Valid name: *Eurycantha calcarata* LUCAS, 1869: 25.
- diadema** REDTENBACHER, 1908 [*Asceles*]: 499. Syntype series: 4 ♂♂, 2 ♀♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [965].
- diademata** BRUNNER, 1907 [*Dyme*]: 326. Holotype ♂, Cuba, leg. Coulon [660]. Valid name: *Bacteria diademata* (BRUNNER).
- dicranocollis** REDTENBACHER, 1906 [*Leprodes*]: 23, pl. 2: 9. Holotype ♀, Madagascar, Isaka; "Mus. Paris" [5]. [Presumed holotype in the absence of any specimen(s) in MNHN, and agreement with description and measurements given].
- dicranum** REDTENBACHER, 1906 [*Acanthoclona*]: 63. Holotype ♂, Colombia: Popayan, Cauca, "Mus. Dresden" [66].
- difformis** REDTENBACHER, 1906 [*Anisacantha*]: 163, pl. 6: 6-7. Syntype series: 14 ♂♂, 12 ♀♀ (including several nymphs), Madagascar: Antongil, leg. Mocqueris [271]. Also in MNHN - coll. Finot; and in ZMUH: 3 ♂♂, ♀, same data.
- dilutevenosa** REDTENBACHER, 1908 [*Necroscia*]: 559. Holotype ♂, Borneo [1124]. Valid name: *Nescicroa dilutevenosa* (REDTENBACHER).
- discoidalis** REDTENBACHER, 1906 [*Damasippus*]: 149. Syntype series: 2 ♀♀, Brazil: Theresopolis, leg. Michaelis [248]. Also in ZMHB: ♀, Brazil: Theresopolis, leg. Fruhstorfer.
- discolor** REDTENBACHER, 1906 [*Abrosoma*]: 84, pl. 4: 5 - 6. Syntype series: ♂, Java, leg. Dr. Dohrn; 3 ♂♂, 2 ♀♀, Java: Pengalengan, 4,000 ft., 1893, leg. Fruhstorfer; 2 ♂♂, ♀, West Java: Sukabuni, leg. Fruhstorfer; ♂, 4 ♀♀, Java, leg. Fruhstorfer [112]. Also in ISNB: 7 specimens: Java: Pengalengan, 4,000 ft., 1893, leg. Fruhstorfer; MNHN: 2 ♂♂, ♀, Java: Pengalengan, 4,000 ft., 1893, leg. Fruhstorfer; ♂, ♀, Java:

- Volcan Gede; ZMHB: 2 ♂♂, Java: Pengalengan, 4,000 ft., 1893, leg. Fruhstorfer; and in coll. Staudinger from Sabah: Kina-Balu - not traced. [Designation of lectotype believed to be in press].
- discolor** REDTENBACHER, 1908 [*Diura*]: 382. Syntype series: ♀, Australia, leg. Boucard; ♂, Australia: (Queensland), leg. Boucard; ♀, Australia: Lord Howe Island, leg. Stevens; ♂, Australia: Tasmania, IV.[18]46 leg. Verreaux, "Mus. Paris" [749]. Also in SMNS: 2 ♀♀, Australia; MNHN [?]; and in UMBB. Valid name: *Didymuria violescens* (LEACH, 1814: 26).
- discors** BRUNNER, 1907 [*Dyme*]: 324. Syntype ♂, Panama: Chiriqui, leg. Staudinger [651]. Also in BMNH: Syntypes: 4 ♂♂, Panama, Vale de Chiriqui, leg. Champion. Valid name: *Bacteria discors* (BRUNNER).
- divergens** REDTENBACHER, 1908 [*Anasceles*]: 481. Holotype ♂, Indonesia: Is. Buru, III., leg. Doherty, ex. coll. Fruhstorfer [889].
- divergens** REDTENBACHER, 1908 [*Diardia*]: 485. Syntype ♂, Key Is., leg. S. Semper [936]. Also in ZMHB. Valid name: *Leprocaulinus vipera praestantior* (BRUNNER, 1907), see GÜNTHER (1934: 83).
- divertens** BRUNNER, 1907 [*Dyme*]: 322. Syntype series: 3 ♂♂, Ecuador: Santa Inez, leg. Haensch [638]. [Undescribed ♀ also present]. Valid name: *Bacteria divertens* (BRUNNER).
- doleschali** REDTENBACHER, 1908 [*Sipyloidea*]: 547. Syntype series: 2 ♂♂, Amboina, 1859, leg. Dr. Doleschal [1100]. Also in MNMS: Obi.
- dolichocephala** BRUNNER, 1907 [*Diapheromera*]: 338. Syntype series: 2 ♂♂, 2 ♀♀, U.S.A.: Texas, "Mus. Hamburg" [part of 685]. Not traced in ZMUH. Valid name: *Diapheromera persimilis* CAUDELL, 1904: 107.
- dolorosa** REDTENBACHER, 1908 [*Sipyloidea*]: 547. Syntype series: 4 ♂♂, 4 ♀♀, Java: Tengger-Geb.; 2 ♂♂, Java; ♂, New Guinea: Key Is., leg. H. Kühne; ♀, Missol., leg. H. Hübn [1096]. 2 specimens from Java, leg. Fruhstorfer in ISNB are likely to be syntypes. HNHM material from Java was destroyed in fire.
- dorsalis** REDTENBACHER, 1908 [*Asceles*]: 501. Holotype ♀, Sabah: Kina-Balu, leg. Staudinger [971].
- dorsuaria** STÅL, 1875 [*Bostra*]: 79. Syntype series: 2 ♂♂, Panama: Chiriqui, leg. Staudinger [789].
- dubia** REDTENBACHER, 1908 [*Sosibia*]: 537. Syntype series: ♂, Sumatra: Mentawai, Si Oban, IV. - VIII. [18]94, leg. Modigliani, "Mus. Genova"; ♀, New Guinea: Aru Is., leg. H. Kühne [1068]. Also in MCSN: ♂, ♀, Sumatra: Mentawai, Si Oban, V. - VIII.[18]94, leg. E. Modigliani; ♂, ♀, Sumatra: Is. Nias, 1897 - 98, leg. U. Raap; and in ZMHB: New Guinea: Key Is. - not traced.
- dubiosus** REDTENBACHER, 1906 [*Pseudoleosthenes*]: 159. Syntype ♀, Madagascar: Antongil, Mocqueris [265]. Also in MNHN - coll. Finot.
- dux** REDTENBACHER, 1908 [*Ocellata*]: 556. Holotype ♂, Sri Lanka [1119]. Valid name: *Orthonecroschia dux* (REDTENBACHER).

- echinata* REDTENBACHER, 1906 [*Heteropteryx*]:** 171, pl. 6: 10-11. Syntype series: ♂, Brunei, leg. Fruhstorfer; ♂ [& ♀ nymph], Borneo: Labuan, leg. Swinhoe; ♀, Borneo, via. Higgins; ♀ nymph, Sarawak, via. Stevens [284]. Also in ZMAS; ZMHB: ♀, Borneo, leg. Waehner; and in coll. M.Burr [which may be represented by Swinhoe and/or Higgins specimens]. Valid name: *Haaniella echinata* (REDTENBACHER).
- elegans* BRUNNER, 1907 [*Lonchodes*]:** 259. Holotype ♂, Vietnam: Than-Moi, leg. Fruhstorfer [490].
- elongatus* REDTENBACHER, 1908 [*Asceles*]:** 500. Holotype ♂, India, 1866 [967].
- emendatus* BRUNNER, 1907 [*Clitumnus*]:** 191. Syntype series: 2 ♂♂, ♀, India "Hinterindia", leg. Thorey [320]. Valid name: *Baculum emendatum* (BRUNNER).
- eminens* BRUNNER, 1907 [*Cuniculina*]:** 205. Syntype series: ♀, Java, leg. Staudinger; ♀, Java: Sukaburai, 2,000 ft., 1893, leg. Fruhstorfer [360]. Valid name: *Baculum eminens* (BRUNNER).
- erinaceus* REDTENBACHER, 1906 [*Acanthoclona*]:** 62. Syntype: ♀, Colombia: Medellin, 6,000 ft., leg. Dämel. [Type locality only recorded as "Antioquia", but specimen believed to be part of type series]; ♀, Colombia, leg. Staudinger [65]. Also in ZMHB: ♀, Colombia: Antioquia, leg. Wallis.
- erosus* REDTENBACHER, 1906 [*Chitoniscus*]:** 179. Syntype ♀, New Caledonia, leg. Deyrolle [302]. Also in MNHN: New Guinea. HNHM material was destroyed in fire.
- esuriens* BRUNNER, 1907 [*Stheneboea*]:** 251. Syntype series: ♀, Sri Lanka, 1891, leg. Hadlick; ♀, South Sri Lanka, III.1889, leg. Fruhstorfer [473]. Also in ISNB: 3 ♀♀, Sri Lanka, 1889, leg. Fruhstorfer. Valid name: *Prisomera coronatum* (BRUNNER, 1907: 196).
- excelsa* REDTENBACHER, 1908 [*Necroschia*]:** 559. Syntype ♀, Borneo, 1891, leg. Chaper, "Mus. Paris" [1125]. Also in MNHN: 2 ♀♀, Borneo. Valid name: *Nescicroa excelsa* (REDTENBACHER).
- excelsus* BRUNNER, 1907 [*Carausius*]:** 269. Syntype series: 2 ♀♀, New Guinea, leg. Staudinger; 2 ♀♀, New Guinea: Simpang, Huon Golf, 1899, leg. Biró [515]. HNHM material was destroyed in fire. Valid name: *Leprocaulinus insularis* (KIRBY, 1896: 460).
- excisa* REDTENBACHER, 1908 [*Aruanoidea*]:** 519. Lectotype ♂, Malaysia: (Perak), leg. Jachau [designated by BROCK in press]. Paralectotype series: ♂, same data; 2 ♂♂, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [1027]. Valid name: *Gargantuidea tessellata* REDTENBACHER, 1908: 502.
- exilis* BRUNNER, 1907 [*Promachus*]:** 298. Paralectotype ♂, New Guinea: SE Moroka, 1300 m., VII. - XI.[18]93, leg. Loria, "Mus. Genova" [595]. Also in MCSN: **Lectotype ♂, here designated.** Paralectotype ♀, same data. Valid name: *Oreophasma exilis* (BRUNNER).
- extradentatus* BRUNNER, 1907 [*Clitumnus*]:** 193. Syntype series: 12 ♂♂, Vietnam: Annam, Phuc-Son, XI. - XII., leg. Fruhstorfer; only 5 specimens properly labelled, but all appear to be part of type series [329]. Valid name: *Baculum extradentatum* (BRUNNER).

- falcata* REDTENBACHER, 1908 [*Aruanoidea*]: 521. Holotype ♂, Brunei, leg. Staudinger [1025]. Valid name: *Necroschia falcata* (REDTENBACHER).
- falcata* REDTENBACHER, 1908 [*Sipyloidea*]: 550, pl. 27: 2. Syntype ♀, Celebes: Sula Mangoli, X. - XI., leg. Doherty, ex. coll. Fruhstorfer [1089]. Also in ZMUH: ♀, Sula Mangoli.
- falcifera* REDTENBACHER, 1908 [*Sosibia*]: 536. Lectotype ♂, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [designated by BROCK (1995: 93)]. Paralectotype ♂, same data [1069]. Valid name: *Sosibia esacus* (WESTWOOD, 1859: 132).
- fallax* BRUNNER, 1907 [*Eucarcharus*]: 186. Holotype ♀, Philippines: Luzon, "Mus. Berlin" [310].
- fasciata* REDTENBACHER, 1906 [*Anisomorpha*]: 91. Syntype series: 2 ♂♂, Bolivia: Chacao, leg. Staudinger; ♀, Bolivia, leg. Staudinger [125].
- fasciata* REDTENBACHER, 1908 [*Aruanoidea*]: 525. Holotype ♀, Java: Mt. Gede, 4,000 ft., 1896, leg. Fruhstorfer [1031]. Valid name: *Necroschia fasciata* (REDTENBACHER).
- fasciata* BRUNNER, 1907 [*Dyme*]: 323. Holotype ♂, Alto Amazonas, Juanfué [648]. Valid name: *Bacteria fasciata* (BRUNNER).
- felix* REDTENBACHER, 1908 [*Ocellata*]: 555. Syntype series: ♂, ♀, Sabah: Kina-Balu, leg. Staudinger [1111]. Valid name: *Orthonecroschia felix* (REDTENBACHER).
- femoratus* STÅL, 1875 [*Asprenas*]: 89. Holotype ♂, New Caledonia, leg. Boucard [709].
- ferruginea* REDTENBACHER, 1908 [*Calvisia*]: 569. Syntype series: 2 ♀♀, North Borneo, ex. coll. Fruhstorfer; 2 ♀♀, Borneo, leg. Boucard [1156]. Also in ISNB: 2 ♀♀, North Borneo, leg. Fruhstorfer; and in ZMAS.
- festinatum* BROCK & SEOW-CHOEN, 1995 [*Abrosoma*]: 22 [new name for *Perisceles modestus* REDTENBACHER, 1908: 481 and redescription]. Holotype ♀, Malaysia: (Perak), leg. Jachau [909].
- fiebrigi* BRUNNER, 1907 [*Calynda*]: 329. Holotype ♀ nymph, Paraguay: San Bernardino, leg. Staudinger [670]. [The collection also includes an adult later identified as this species].
- filiformis* REDTENBACHER, 1908 [*Sipyloidea*]: 548. Syntype ♂, Australia: Port Curtis, (Queensland), leg. Dämel [1104]. Also in ZMUH: ♂, ♀, Australia: Gayndah, (Queensland).
- filipes* REDTENBACHER, 1908 [*Necroschia*]: 559. Lectotype ♂, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [designated by BROCK (1995: 90)]. Paralectotype series: 3 ♂♂, same data [1126]. Valid name: *Marmessoidea annulata* (FABRICIUS, 1798: 189).
- finitima* BRUNNER, 1907 [*Pachymorpha*]: 215. Holotype ♀, New Zealand, [18]48-52, leg. Petit, "Mus. Paris" [380]. Not traced in MNHN. Valid name: *Tectarchus huttoni* (BRUNNER, 1907: 213).

- finoti* REDTENBACHER, 1906 [*Cirsia*]: 22, pl. 2: 7. Syntype ♀, Madagascar: Sikora [3]. Also in MNHN [?].
- flabellatus* REDTENBACHER, 1908 [*Dimorphodes*]: 365. Holotype ♂, New Guinea: Roon, leg. Fruhstorfer [727]. Valid name: ? *Dimorphodes prosthesis flabellatus* (REDTENBACHER), see GÜNTHER (1934: 88).
- flaviceps* REDTENBACHER, 1906 [*Orobia*]: 73. Syntype series: 2 ♂♂, ♀, Madagascar: Antongil, leg. Mocqueris [85]. Also in MNHN, at least one ♂, Madagascar; and in ISNB: 1 specimen, Madagascar: Maroancetra, XII.1897, ex. coll. Finot. Valid name: *Leiophasma flaviceps* (REDTENBACHER).
- flavicorne* REDTENBACHER, 1906 [*Phasma*]: 119. Syntype series: ♀, Brazil: Espirito Santo, leg. Fruhstorfer; ♀, Brazil ?, leg. Schmidt [182]. Also in ZMHB: Brazil: Bahia; and in ZMUH ♂, ♀, Brazil: Espirito Santo. Valid name: *Pseudophasma flavicorne* (REDTENBACHER).
- flavipenne* REDTENBACHER, 1906 [*Phasma*]: 119. Holotype ♀, Bolivia, leg. Staudinger [183]. Valid name: *Pseudophasma flavipenne* (REDTENBACHER).
- flavipes* REDTENBACHER, 1906 [*Stratocles*]: 106, pl. 4: 12. Holotype ♂, Alto-Amazonas, leg. Staudinger [156].
- flavoguttatum* REDTENBACHER, 1906 [*Abrosoma*]: 84. Syntype series: ♂, ♀, ♂ nymph, India: Coru Aurora, 1886 [113]. Also in MCSN: 2 ♂♂, Sumatra: Is. Nias, 1897 - 1898, leg. U. Raap.
- flavolimbata* REDTENBACHER, 1906 [*Autolyca*]: 97. Paralectotype series: ♂, ♀, Ecuador, ex. coll. Griffini; ♀, Ecuador: Cocha, "Mus. Dresden" [141]. **Lectotype** ♂ in MCSN: Ecuador: Trojé, **here designated**. Paralectotype series in MCSN: ♂, 3 ♀♀, Ecuador: Trojé; RMTO: 8 ♂♂, 8 ♀♀, Ecuador: Trojé; and in SMTD: ♂, No locality [REDTENBACHER recorded "Ecuador: Pasto"].
- foedatus* BRUNNER, 1907 [*Clitumnus*]: 190. Holotype ♂, Vietnam: Mt. Mauson, IV. - V., leg. Fruhstorfer [313]. [♂ in ISNB from Java, leg. Fruhstorfer, does not appear to be included in the type description]. Valid name: *Baculum foedatum* (BRUNNER).
- foenosa* REDTENBACHER, 1908 [*Sipylodea*]: 547. Holotype ♀, New Guinea: Sattelberg, leg. Staudinger [1097].
- foliata* REDTENBACHER, 1908 [*Bacteria*]: 418. Holotype ♀, Mexico [alcohol coll. 028/14].
- foliatus* BRUNNER, 1907 [*Bacunculus*]: 336. Holotype ♀, Mexico: Amula, Guerrero, 6,000 ft., leg. H.H. Smith [681]. [Not in Godman collection, which is now in BMNH]. Valid name: *Heteronemia foliata* (BRUNNER).
- foliculatus* REDTENBACHER, 1906 [*Paraprisopus*]: 156. Holotype ♀, Ecuador: Guayaquil, 1855, leg. Iva Pfeiffer [260].
- forcipatus* BRUNNER, 1907 [*Bacunculus*]: 335. Syntype series: ♂, ♀, Mexico: San Salvador, "Mus. Zürich" [679]. Valid name: *Heteronemia forcipata* (BRUNNER).
- forcipatus* REDTENBACHER, 1908 [*Erastus*]: 373. Holotype ♂, Indonesia: Buru Is., leg. Doherty, coll. Fruhstorfer [740].

- fortior** BRUNNER, 1907 [*Ocnophila*]: 315. Holotype ♂, Brazil: Rio de Janeiro, leg. Kammerlacher [630]. [Badly damaged, abdomen missing].
- fracta** REDTENBACHER, 1908 [*Aruanoidea*]: 523. Holotype ♂, Malaysia: (Perak), leg. Jachau [1009]. Valid name: *Necroscia westwoodi* KIRBY, 1904: 376.
- fragilis** REDTENBACHER, 1908 [*Aruanoidea*]: 528. Syntype series: 2 ♂♂, Malaysia: (Perak), leg. Jachau [1049]. Valid name: *Necroscia affinis* (GRAY, 1835: 37).
- frater** BRUNNER, 1907 [*Promachus*]: 299. Holotype ♂, New Guinea: Milne Bay, leg. Staudinger [590]. Valid name: *Neopromachus frater* (BRUNNER).
- frontalis** REDTENBACHER, 1908 [*Necroscia*]: 559. Syntype series: ♂, 2 ♀♀, Amboina, 1859, leg. Dr. Doleschal; ♀, Amboina; ♂, ♀, Indonesia: Is. Buru, leg. H. Kühne [Although only "Amboina" mentioned] [1127]. Also in ZMHB: Amboina; and in SMTD: ♀, Java, leg. Schiczb; ♀, No locality. Valid name: *Nescicroa frontalis* (REDTENBACHER).
- fruhstorferi** BRUNNER, 1907 [*Clitumnus*]: 193. Syntype series: 7 ♂♂, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer. A further 4 ♂♂, not fully labelled, are probably part of the type series [326]. Also in MNHN: 2 ♂♂. Valid name: *Baculum fruhstorferi* (BRUNNER).
- fruhstorferi** BRUNNER, 1907 [*Lonchodes*]: 260. Syntype series: 2 ♂♂, Vietnam: Mt. Mauson, leg. Fruhstorfer [493].
- fruhstorferi** BRUNNER, 1907 [*Menexenus*]: 244. Holotype ♂, Vietnam: Mt. Mauson, leg. Fruhstorfer [459]. [Unnecessary lectotype designation by HAUSLEITHNER (1992: 430)].
- fruhstorferi** BRUNNER, 1907 [*Phobaeticus*]: 184. Syntype series: 2 ♂♂, central Vietnam: Chien-Hoa, VIII. - IX., leg. Fruhstorfer; ♂, Vietnam: Mt. Mauson, leg. Fruhstorfer; ♀ nymph, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [307]. Also in MCSN: ♀, Burma: Mt. Cariani, 1898, leg. D. Tornatore. Possible syntypes in ISNB: several specimens, Vietnam: Than-Moi, leg. Fruhstorfer. Valid name: *Phobaeticus grandis* (REHN), 1906: 279. [Doubtful - see BROCK (1996: 28), the female from Burma is unlikely to represent *grandis* - type locality Vietnam].
- frustans** REDTENBACHER, 1908 [*Bacteria*]: 421. Holotype ♀, Mexico: Colima [817].
- frustans** BRUNNER, 1907 [*Cuniculina*]: 200. Holotype ♀, India: Mercara, "Mus. Stuttgart" [342]. [Brunner recorded the locality as "? India". Not traced in SMNS and specimen believed to have been retained in NHMW]. Valid name: *Baculum frustans* (BRUNNER).
- fulmeki** WERNER, 1934 [*Dares*]: 1. Holotype ♀, Sumatra: S.E coast, leg. L. Fulmek [56]. Valid name: *Datames mouhotii* (BATES, 1865: 342).
- fulvescens** REDTENBACHER, 1906 [*Presbistus*]: 80. Syntype series: ♂, ♀, East Indies, Nilgherris, leg. Burr [101].
- fulvipennis** REDTENBACHER, 1906 [*Presbistus*]: 82. Syntype series: ♂, Sabah: Kina-Balu; ♂, Brunei, leg. M. Burr [109]. [Designation of lectotype believed to be in press].



- furcata* BRUNNER, 1907 [*Diapheromera*]: 338. Syntype ♂, Mexico: Venta de Zopilote, Guerrero, 2,800 ft., VI., leg. H.H. Smith [690]. [Brunner did not refer to a specimen in NHMW]. Also in BMNH: 2 ♂♂, ♀, same locality [The smaller ♂ is clearly of a different species, but Brunner has included it in the description i.e. ranging in size 56 - 106 mm].
- furcata* BRUNNER, 1907 [*Gratidia*]: 222. Syntype series: ♂, 2 ♀♀, East Africa: Manow, leg. Staudinger. Possible additional unlabelled syntypes: ♀, British O. Africa: Athi plains, leg. E. Thomas; ♀, Usambara, Nouelo [393]. HNHM material from Tanzania: Kilimandjaro was destroyed in fire.
- fusca* REDTENBACHER, 1908 [*Paradiacantha*]: 506. Holotype ♂, North Borneo, leg. Fruhstorfer [990].
- fuscipennis* REDTENBACHER, 1908 [*Bactrododema*]: 392, pl. 18: 4. Syntype series: ♀, Gold coast, Aurabei, Afropong, leg. Schneider; ♀, Gabon, "Mus. Paris" [marked *aestuans* on the data label, presumably a provisional identification] [761]. Also in SMNS: 2 ♀♀, Gabon. Not traced in MNHN: Elfenbeinküste.
- fuscipes* REDTENBACHER, 1906 [*Damasippus*]: 147. Syntype series: ♂, ♀, Panama: Chiriqui, Boquese, leg. Rosenberg; ♂, Panama: Chiriqui, leg. Fröisch [243]. Also in BMNH: ♂, Panama: Bugaba, leg. Champion.
- fuscoalata* REDTENBACHER, 1908 [*Calvisia*]: 567. Holotype ♂, India: Sikkim [1153].
- galbanus* REDTENBACHER, 1908 [*Erastus*]: 373, pl. 17: 3. Holotype ♂, New Guinea: Houstantinshafen, leg. Staudinger [738].
- gibbifer* REDTENBACHER, 1906 [*Leprodes*]: 23. Holotype ♀, Madagascar: central Meda, leg. Dr. H. Dohrn [4].
- giganteum* HAUSLEITHNER, 1984 [*Phyllium*]: 39. Holotype ♀, Malaysia: Cameron Highlands [probably the Tapah Hills (Perak)]. Paratype series: 2 ♀♀, 2 ♀♀ nymphs, same data [no ref. number allocated].
- glabriuscula* REDTENBACHER, 1906 [*Donusa*]: 99. Holotype ♀, Chile, leg. Fruhstorfer [145]. Valid name: *Bacunculus glabriusculus* (REDTENBACHER).
- globosicaput* BRUNNER, 1907 [*Clitumnus*]: 192. Holotype ♂, South Celebes: Patuhuang, I.1896, leg. Fruhstorfer [322]. Valid name: *Baculum globosicaput* (BRUNNER).
- globosus* BRUNNER, 1907 [*Carausius*]: 271. Lectotype ♀, Malaysia: (Perak), leg. Jachau (length 153 mm, specimen reference no. 24.457) [designated by BROCK (1995: 85)] [518]. Paralectotypes in ZMUH: ♂, ♀, Malaysia: (Perak).
- godmani* BRUNNER, 1907 [*Bacunculus*]: 334. Syntype ♂, Mexico: Amula, Guerrero, 6,000 ft., VIII., leg. H.H. Smith [676]. Also in BMNH: 2 ♂♂, same data. Valid name: *Heteronemia godmani* (BRUNNER).
- godmani* REDTENBACHER, 1908 [*Bostra*]: 411. Syntype ♀, Nicaragua, leg. Boucard [796]. Also in BMNH: ♀, Guatemala: Zapote, leg. Champion; and in MHNG: ♀, Costa Rica, leg. Biolley.

- gracilis* REDTENBACHER, 1906 [*Antherice*]: 109. Holotype ♂, Bolivia: Yungas de la Paz, leg. Rolle [169].
- gracillimus* WERNER, 1934 [*Asceles*]: 3. Holotype ♂, Sumatra [961].
- gracilitarsis* REDTENBACHER, 1908 [*Diardia*]: 487. Holotype ♂, Sumatra: Mt. Battak, leg. Fruhstorfer [929].
- granicolis* REDTENBACHER, 1908 [*Diardia*]: 487. Holotype ♀, North Sumatra: Sibulangit, XI.-XII., leg. Fruhstorfer [930]. Valid name: *Diardia palliata* REDTENBACHER, 1908: 486.
- granulatus* BRUNNER, 1893 [*Carausius*]: 81, pl. 2: 26. Paralectotype ♂, Burma: Palon, Pegu, VIII.-IX. [18]87, "Mus. Genova" [527]. **Lectotype** ♂ in MCSN: Burma, Thagatà, Tenasserim, **here designated**. [A supposed ♀ of this species in MCSN was later described as *Carausius detractus* BRUNNER, 1907].
- granulosum* REDTENBACHER, 1906 [*Neophasma*]: 125. Holotype ♀, Peru: Marcapata, leg. Staudinger [203].
- granulosus* REDTENBACHER, 1908 [*Lamachus*]: 483. Syntype ♀, Philippines: Mindanao, Dapitan [939]. Also in SMTD: 2 ♀♀, same data.
- granulosus* BRUNNER, 1907 [*Menexenus*]: 245. Holotype ♀, Australia: Richmond River, (New South Wales) [461]. [Unnecessary lectotype designation by HAUSLEITHNER (1992: 432)]. Valid name: *Parasipyloidea granulosa* (BRUNNER).
- grisescens* REDTENBACHER, 1906 [*Perliodes*]: 137. Syntype ♂, Surinam: Paramaribo, leg. Michaelis [224]. Also in ZMAS: Panama: Chiriqui; SMTD: Brazil - not traced. Valid name: *Olciphides grisescens* (REDTENBACHER).
- grossedentata* REDTENBACHER, 1908 [*Jeremia*]: 425, pl. 19: 4. Holotype ♀, Bolivia, leg. Staudinger [823].
- grossetuberculata* BRUNNER, 1907 [*Dyme*]: 323. Holotype ♂, Honduras, leg. E. Wittkugall [647]. Valid name. *Bacteria grossetuberculata* (BRUNNER).
- grubaueri* REDTENBACHER, 1908 [*Nearchus*]: 448. Holotype ♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [857].
- guadeloupensis* REDTENBACHER, 1908 [*Clonistria*]: 404. Syntype ♂, Guadeloupe, leg. Steinheil [784]. Also in SMNS: 2 ♂♂, 3 nymphs, Guatemala; and in MHNG: 2 ♀♀, Guadeloupe, leg. Saussure.
- haemorrhoidalis* REDTENBACHER, 1908 [*Marmessoidea*]: 514. Holotype ♂, Vietnam: Mt. Mauson, IV. - V., 2,000 - 3,000 ft., leg. Fruhstorfer [1004]. [Note - 3 ♂♂ in ISNB from Than-Moi, do not appear to be part of a type series].
- harmani* BRÄGG & CHAN, 1993 [*Lonchodes*]: 176, Fig. Paratype series: ♂, ♀, eggs, Sabah: Mt. Kinabalu National Park, near HQ., 1580m, Silau Silau Trail, reared from nymph, ex. Bragg [♂, 30.VII.1990; ♀, 30.VIII.1992] [No reference number]. Holotype ♂ in BMNH: Sabah: Kinabalu Park, 10.I.1981 - 19.I.1981, leg. A. J. E. Harman; paratypes in BMNH: 2 ♀♀, same data; OXUM: ♂, ♀. Other paratypes mainly in private collections, BMKB; and in ZRC.

- heros** REDTENBACHER, 1908 [*Asceles*]: 497, pl. 26: 8. Holotype ♀, Sabah: Kina-Balu, leg. Staudinger [953].
- herwaardeni** HENNEMANN, GEHLER & CONLE, 1996 [*Phaenopharos*]: 153. Paratypes: 2 ♂♂, 2 ♀♀, Thailand, culture stock, V.1995 [1170]. Holotype ♂ in ZMHB: Thailand, ex. A. Gehler; paratypes in ZMHB: 2 ♂♂, 3 ♀♀; ZMUH: 2 ♂♂, 2 ♀♀; NLHD: 2 ♂♂, 2 ♀♀; BMNH: 2 ♂♂, 2 ♀♀; SMNS: 2 ♂♂, 2 ♀♀; and in private collections.
- hispanicus** BOLIVAR, 1878 [*Bacillus*]: 423, pl. 4: 2. Syntype series: ♂, ♀, Spain: Madrid, leg. Bolivar & possibly others [428]. Also in OXUM [886]: ♂, 2 ♀♀, Spain: Madrid, ex. coll. de Bormans; ♀, Spain: Alcarria, Guadalajara, ex. coll. de Bormans; BMNH: ♀; and in MNMS: 2 ♂♂ Spain: Pta. de Hierro, Madrid; ♂, Spain: Madrid; ♀, Spain: Escorial, Madrid. Valid name: *Leptynia hispanica* (BOLIVAR).
- histrion** BRUNNER, 1907 [*Prisomera*]: 287. Holotype ♀ (nymph), Indonesia: Is. Buru, III., leg. Doherty, ex. coll. Fruhstorfer [558]. Valid name: *Lonchodes histrion* (BRUNNER).
- holubi** REDTENBACHER, 1908 [*Palophus*]: 397. Holotype ♀, South Africa: Tati, leg. Dr. Holub [alcohol coll. 020/11].
- honestus** REDTENBACHER, 1908 [*Oxyartes*]: 475. Holotype ♀, Vietnam: Mt. Mauson, 2,000 - 3,000 ft., IV. - V., leg. Fruhstorfer [913]. [The collection also includes 4 ♂♂].
- horni** REDTENBACHER, 1908 [*Asceles*]: 496. Holotype ♀, Malaysia [949]. Valid name: *Presbistus horni* (REDTENBACHER).
- horni** REDTENBACHER, 1908 [*Bacteria*]: 419. Syntype series: ♂, ♀ nymph, Mexico, leg. Procopp; ♀ nymph, Mexico: San Geronimo, leg. Horn [809]. Also in coll. Horn - not traced. HNHM material was destroyed in fire.
- huttoni** BRUNNER, 1907 [*Pachymorpha*]: 213. Syntype series: ♂, 2 ♀♀, New Zealand [383]. Also in MNHN: ♂, ♀, New Zealand: Nelson. Valid name: *Tectarchus huttoni* (BRUNNER).
- ignava** BRUNNER, 1907 [*Greenia*]: 264. Syntype series: ♂, Sri Lanka, 1891, leg. Heuser; 2 ♂♂, Sri Lanka: Kandy, leg. Burr [501].
- illeepidus** BRUNNER, 1907 [*Lonchodes*]: 258. Holotype ♂, Japan: Nagasaki, [18]86 leg. Petersen [486]. Valid name: *Phraortes illeepidus* (BRUNNER).
- illustre** REDTENBACHER, 1906 [*Phasma*]: 123. Holotype ♀, Peras, Alto-Amazonas, leg. Staudinger [196]. Valid name: *Pseudophasma illustre* (REDTENBACHER).
- imitator** BRUNNER, 1907 [*Dixippus*]: 279, pl. 12: 7a - b. Syntype series: 3 ♂♂, 2 ♀♀, Sabah: Kina-Balu, leg. Staudinger; ♂, Borneo, leg. Boucard; ♂, Borneo, leg. Frivaldsky [540]; No locality, leg. Thorey [alcohol coll. 024/06]. [Designation of lectotype believed to be in press]. Valid name: *Carausius imitator* (BRUNNER).
- immundus** BRUNNER, 1907 [*Carausius*]: 270. Syntype series: ♀, Borneo, 1852, leg. Ida Pfeiffer; ♂, West Sumatra, leg. Fruhstorfer; 5 ♂♂, ♀, Java, leg. Staudinger; ♀, East Java: Tougou, III.[18]96, leg. J. D. Pasteur, "Mus. Paris" [505]. [Brunner only mentioned Java & Borneo material in NHMW]. Also in MNHN: Java [?]; and in NHMB: Sumatra.

- impennis* REDTENBACHER, 1906 [*Creoxylus*]: 143. Syntype series: ♂, ♀, No locality, "Mus. Dresden" [236]. Also in ZMAN: ♀, No locality.
- imperialis* REDTENBACHER, 1906 [*Eucles*]: 101. Syntype series: 2 ♀♀, Peru: Iquitos, leg. Staudinger [148]. [♂ not traced. Redtenbacher also recorded this species from Colombia].
- imperialis* BRUNNER, 1907 [*Cuniculina*]: 204. Syntype ♀, Thailand: Lakhon, 1878, leg. Harmand, "Mus. Paris" [358]. Also in MNHN: ♀. Valid name: *Baculum imperialis* (BRUNNER).
- impigra* BRUNNER, 1907 [*Cuniculina*]: 204. Syntype series: 3 ♀♀, Vietnam: Than-Moi, leg. Fruhstorfer [357]. Also in MNHN: 2 ♀♀; 8 specimens, same data, in ISNB are possible syntypes. Valid name: *Baculum impigrum* (BRUNNER).
- imponens* BRUNNER, 1907 [*Apora*]: 242. Holotype ♀, Sabah: Kina-Balu, leg. Staudinger [452]. Valid name: *Parastheneboea imponens* (BRUNNER).
- incensa* REDTENBACHER, 1908 [*Marmessoidea*]: 513. Holotype ♂, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [1006].
- incerta* REDTENBACHER, 1908 [*Parasosibia*]: 482. Holotype ♂, Sri Lanka ?, "Mus. Budapest" [892]. ["coll.m, Mus. Budapest" appears to relate to the specimen retained in NHMW].
- incertus* BRUNNER, 1907 [*Dixippus*]: 280. Syntype series: ♂, ♀, Malaysia [?], leg. Schneider [537]. [Unlikely to originate from Peninsular Malaysia]. Valid name: *Carausius incertus* (BRUNNER).
- incertus* REDTENBACHER, 1908 [*Trachythorax*]: 508. Holotype ♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [994].
- inchoata* BRUNNER, 1907 [*Libethra*]: 309. Holotype ♀, Colombia: Bogota, "Mus. Dresden" [616]. Also in SMTD: ♀ nymph, same data.
- incongruens* BRUNNER, 1907 [*Bacunculus*]: 336. Syntype series: 2 ♂♂, Guatemala: Teapa, Tabasco, leg. H.H. Smith; ♂, Guatemala: Ayotac, Vera Paz, leg. Schumann; ♂, Guatemala: Senahu, Vera Paz, leg. Champion [680]. Also in BMNH: 6 ♂♂, Guatemala: Senahu, Vera Paz, leg. Champion; ♂, Guatemala: Teapa, Tabasco, leg. Champion; ♂, Guatemala: Purula, Vera Paz, leg. Champion. Valid name: *Heteronemia incongruens* (BRUNNER).
- inconspicua* REDTENBACHER, 1908 [*Aruanoidea*]: 522. Syntype ♂, S.Celebes: Patunuang, I.1896, leg. Fruhstorfer [1015]. Also in ZMHB: ♂, ♀, Celebes: Samanga, XI.1895, leg. H. Fruhstorfer. Valid name: *Necroscia inconspicua* (REDTENBACHER).
- inconspicua* BRUNNER, 1907 [*Gratidia*]: 223. Syntype series: ♂, 2 ♀♀, Persia: Buchara, [18]96, "Mus. Petersburg" [398]. Also in ZMAS.
- inconspicua* BRUNNER, 1907 [*Ocnophila*]: 313. Syntype series: 4 ♂♂, 5 ♀♀, Venezuela: Merida, leg. Boucard; 2 ♀♀, Venezuela, leg. Thorey [622].
- inconspicuus* BRUNNER, 1907 [*Bacunculus*]: 334. Syntype ♂, Costa Rica, leg. Boucard [686]. Also in MHNG: 2 ♂♂, Costa Rica. leg. Biolley; and in MNHN: ♂, Mexico. Valid name: *Heteronemia inconspicua* (BRUNNER).

- indefinitum** BRUNNER, 1907 [*Prisomera*]: 290, pl. 13: 3. Holotype ♂, Sabah: Kina-Balu, leg. Staudinger [not "Key Is. "] [569]. Valid name: ? synonym of *Lonchodes foliopeda* (OLIVIER, 1792: 638).
- indifferens** BRUNNER, 1907 [*Dyme*]: 325. Holotype ♂, Chile, leg. Staudinger [658]. Valid name: *Bacteria indifferens* (BRUNNER).
- inermis** REDTENBACHER, 1906 [*Canuleius*]: 68, pl. 2: 1-2. Syntype series: 2 ♂♂, 2 ♀♀, ♀ nymph, Brazil: Espirito Santo, leg. Fruhstorfer [also ♂ winged nymph, clearly not belonging to this species]; 2 ♂♂, Brazil: Theresopolis, leg. Michaelis; ♀ nymph, Brazil: Espirito Santo, leg. Michaelis [74]. Also in ZMUH: ♂, ♀, Brazil: Theresopolis; ♂, 3 ♀♀, nymph, Brazil: Espirito Santo; and in ZMHB - not traced. Valid name: *Acanthoderus inermis* (REDTENBACHER).
- inermis** REDTENBACHER, 1908 [*Hermarchus*]: 448, pl. 21: 5. Syntype series: ♂, Fiji, leg. Daimel; ♀, Fiji: Viti, ex. coll. Godeffroy [852]. Also in ZMUH: ♂, ♀, Fiji: Viti Is.; and in SMNS: ♂, Fiji.
- inferior** REDTENBACHER, 1908 [*Parasosibia*]: 482. Holotype ♀, India: Trichinopoly, leg. Pantel [891].
- infernale** REDTENBACHER, 1908 [*Centrophasma*]: 489. Holotype ♂, Malaysia, 1887, leg. Halbinsel [941]. Valid name: *Diesbachia tamyris* (WESTWOOD, 1859: 110).
- inflata** REDTENBACHER, 1908 [*Aruanoidea*]: 526. Syntype series: 2 ♂♂, Malaysia: (Perak), leg. Staudinger; ♂, 5 ♀♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer; ♂, ♀, Malaysia: (Perak), leg. Jachau; ♂, Malaysia: (Kelantan), leg. Rolle; ♂, Sumatra: Is. Nias., 1897 - 98, leg. U. Raap, "Mus. Genova"; ♀, Sumatra: Palembang, "Mus. Hamburg" [1039]. Also in ZMUH: 2 ♂♂, ♀, Sumatra: Palembang; ♀, Sumatra: Deli [These are a different species]. Valid name: *Necroschia inflata* (REDTENBACHER).
- infrequans** BRUNNER, 1907 [*Lonchodes*]: 261. Syntype series: ♂, Borneo, leg. Grabowsky; ♂, Borneo [499].
- ingenua** REDTENBACHER, 1908 [*Aruanoidea*]: 522. Syntype ♂, Sumatra: Padang, [18]96, leg. Cons. Schild [1018]. Not traced in SMNS. [♀ not traced and no material from Borneo traced]. Valid name: *Necroschia ingenua* (REDTENBACHER).
- ingenua** BRUNNER, 1907 [*Dyme*]: 322. Syntype series: ♂, Brazil, leg. Fruhstorfer; ♀, Brazil: Espirito Santo, leg. Michaelis [644]. Valid name: *Bacteria ingenua* (BRUNNER).
- innocens** REDTENBACHER, 1908 [*Bacteria*]: 420. Holotype ♂, Peru: Callanga, leg. Staudinger [815]. Valid name: *Bacteria redtenbacheri* **nom.n.** (see that entry).
- innocens** BRUNNER, 1907 [*Dyme*]: 324. Holotype ♂, Peru: Marcapata, leg. Staudinger [653]. Valid name: *Bacteria innocens* (BRUNNER).
- inquinatus** REDTENBACHER, 1908 [*Asceles*]: 498. Lectotype ♀, Sabah: Kina-Balu, leg. Staudinger [designated by BROCK (1995: 87)]. Paralectotype series: 2 ♂♂, ♀, same data; ♀, Malaysia: (Perak), leg. Jachau; ♂, Brunei, leg. Staudinger; ♂, Borneo: Labuan [misidentified and det. as a *Sosibia* sp. (BROCK 1995: 87)] [960]. [Type

- localities did not refer to Malaysia, but specimens appear to be part of type series].  
Valid name: *Asceles larunda* (WESTWOOD, 1859: 140).
- inscia** REDTENBACHER, 1908 [*Sipylodea*]: 545. Syntype series: ♂, 2 ♀♀, India: Himalaja, leg. Thorey [1103].
- insignis** REDTENBACHER, 1906 [*Paranisomorpha*]: 90. Syntype ♀, Costa Rica: Irazu, 6,000 - 7,000ft., leg. H. Rogers [119]. Also in MHNG: ♀, Costa Rica, leg. Biolley; and in BMNH: ♀, Costa Rica, R. Susio, leg. H. Rogers.
- insignis** REDTENBACHER, 1908 [*Parastheneboea*]: 474. Syntype series: 2 ♀♀, Sabah: Kina-Balu [915]. Valid name: *Parastheneboea laetior* (BRUNNER, 1907: 242).
- insignis** BRUNNER, 1907 [*Promachus*]: 296. Holotype ♀, New Guinea: Sattelberg, leg. Staudinger [581]. Valid name: *Neopromachus insignis* (BRUNNER).
- insolens** BRUNNER, 1907 [*Cuniculina*]: 201. Syntype ♀, Sri Lanka: Colombo, "Mus. Zürich" [346]. Also in MNHN: ♂, ♀, "India anglica". Valid name: *Baculum insolens* (BRUNNER).
- insueta** BRUNNER, 1907 [*Cuniculina*]: 202. Holotype ♀, Malaysia: Kuala Kangsar (Perak), 1902, leg. Grubauer [347]. Valid name: *Baculum nematodes* (DE HAAN, 1842: 132).
- insulsa** BRUNNER, 1907 [*Gratidia*]: 223. Holotype ♂, Tanzania: Kilimandjaro, leg. Höbul [400].
- integra** REDTENBACHER, 1908 [*Bacteria*]: 421. Holotype ♀, Trinidad, leg. Boucard [811].
- integra** BRUNNER, 1907 [*Ocnophila*]: 313, pl. 14: 1a-b. Syntype series: ♂, Venezuela: Porto Cabello, leg. Thorey; ♀, Brazil, "Mus. Bern"; ♀, Brazil: Espirito Santo, leg. Fruhstorfer [620]. [Not traced from Brazil: "Bahia"].
- intermedius** REDTENBACHER, 1906 [*Eucles*]: 101. Holotype ♀, Peru, Alto-Amazonas, leg. Staudinger [147].
- interruptelineatus** BRUNNER, 1907 [*Clitarchus*]: 236, pl. 10: 4a - d. Syntype series: ♂, 2 ♀♀, New Zealand [445]. Also in ZMUH: ♂, New Zealand: Great Barrier Island; and in ZMHB: 2 ♀♀, New Zealand, leg. Finsch. [Although Brunner did not refer to material in ZMHB, they are amongst specimens identified prior to publication of the monograph]. Valid name: *Clitarchus hookeri* (WHITE, 1846: 24).
- inversecornuta** BRUNNER, 1907 [*Cuniculina*]: 204. Holotype ♀, Sri Lanka, [18]91, leg. Heuser [356]. Valid name: *Baculum inversecornutum* (BRUNNER).
- involutecercata** REDTENBACHER, 1908 [*Aruanoidea*]: 523. Holotype ♂, Brunei, leg. Staudinger [1012].
- iphicles** REDTENBACHER, 1906 [*Metriotes*]: 140. Lectotype ♀, Honduras: San Pedro Sula, leg. Fruhstorfer [designated by SHELFORD (1908: 375)] [233]. Paralectotype in BMNH: ♂, Panama: Bugaba, leg. Champion. Valid name: *Metriophasma iphicles* (REDTENBACHER).
- irregularis** BRUNNER, 1907 [*Bactricia*]: 330. Holotype ♀, Cape of Good Hope "Cap d.g.h.", leg. Thorey [673].

- irregularis* BRUNNER, 1907 [*Clitumnus*]:** 195. ? Syntypes: 2 ♀♀ nymphs, Java, 1901, leg. Pedaschenko [335]. [Nymphs in NHMW do not match type size of 140 mm and no material mentioned in NHMW]. Also in ZMAS: Buitenzorg [Bogor] Valid name: *Baculum irregularis* (BRUNNER).
- irregularis* REDTENBACHER, 1906 [*Pseudoleosthenes*]:** 160. Holotype ♀, Madagascar: Isaka, "Mus. Paris" [266]. Not traced in MNHN, type specimen appears to have been retained in NHMW.
- irregulariterlobatus* BRUNNER, 1907 [*Carausius*]:** 273. Syntype series: 2 ♀♀, Java, leg. Staudinger; ♀, Java: Plasun, 1872 [520]. Also in ETHZ - coll. Schulthess: Java: Tjibodab; a ♀, Java, leg. Fruhstorfer in ISNB is a likely syntype.
- jamaicana* REDTENBACHER, 1906 [*Anisomorpha*]:** 94. Syntype series: 3 ♀♀, Jamaica, leg. Burr [132]. [Likely to be part of type series. Only listed from ISNB, which has a ♂, Jamaica. Both sexes were described, indicating that NHMW specimens are part of type series].
- jejunus* BRUNNER, 1907 [*Dixippus*]:** 278. Syntype series: 2 ♂♂, 2 ♀♀, Borneo, leg. Frivaldsky; ♂, Borneo, "Mus. Budapest"; ♂, Borneo: Labuan, leg. Swinhoe; ♀, Borneo, leg. Xantus; 2 ♂♂, Brunei, leg. Staudinger; ♂, Borneo [532]; Sarawak: Baramfluss, leg. Kükenthal [alcohol coll. 024/10]. Also in NHMB: Sumatra: Indragiri. Valid name: *Lonchodes catori* KIRBY, 1896: 454.
- juvenilis* BRUNNER, 1907 [*Carausius*]:** 268. Syntype ♀, India: Shembagonor, Madras, leg. Pantel [508]. Also in MNHN - coll. Pantel: ♂♂, ♀♀.
- juvenis* REDTENBACHER, 1908 [*Haplopus*]:** 430, pl. 20: 4. Syntype series: 4 ♂♂, Cuba, ex. coll. Somerset [832]. Valid name: *Aplopus juvenis* (REDTENBACHER).
- kaiman* REDTENBACHER, 1908 [*Trapezaspis*]:** 348, pl. 16: 5. Syntype series: ♂, ♀, New Guinea, leg. Stroll [707]. HNHM material was destroyed in fire.
- kaupii* STÅL, 1875 [*Myronides*]:** 63. ? Holotype ♂, Moluccas, leg. Depuiset [96 mm] [479]. [The description is of an 83 mm specimen; as Stål's measurements are otherwise 100% accurate, it is uncertain whether this is the type specimen].
- klaptoczi* WERNER, 1908 [*Gharianus*]:** 714. Holotype ♂, Libya, Dschebel Gosseba, Gharian Mountain Range, Jozeba, 16.II.1906, leg. Klaptocz [338].
- kuehni* BRUNNER, 1907 [*Phobaeticus*]:** 185. Syntype series: 4 ♀♀, Timor: Is. Roma, leg. Kühn [309].
- lacerta* REDTENBACHER, 1906 [*Obrimus*]:** 39. Syntype ♀, Philippines, leg. Schneider [33]. Also in ZMHB: Philippines: Luzon & Mindanao. Valid name: *Euobrimus lacerta* (REDTENBACHER).
- laciniata* REDTENBACHER, 1906 [*Antongilia*]:** 25. Syntype series: 3 ♂♂, 3 ♀♀, Madagascar: Sikora; ♀, Madagascar: Antongil, leg. Mocqueris [6]. Also in MNHN: ♂, Madagascar, 1899, leg. Grandidier; ♀, Madagascar, coll. Finot; and in possibly one other ♀; ZMUH: ♀, Madagascar: Antongil.
- lacteipennis* REDTENBACHER, 1906 [*Brizoides*]:** 113. Lectotype ♂, Alto-Amazonas, leg. Staudinger [designated by Shelford, 1908: 372, sex not recorded];

- Paralectotype ♂, Panama: Bugaba, leg. Champion [167]. Also in BMNH: ♂, ♀, Panama: Bugaba, leg. Champion.
- laeta** REDTENBACHER, 1908 [*Ocellata*]: 555. Syntype series: 5 ♂♂, 4 ♀♀, Borneo, leg. Boucard; ♂, North Borneo, leg. Alverett, ex. coll. Fruhstorfer [1115]. Valid name: *Orthonecrosia laeta* (REDTENBACHER).
- laetior** BRUNNER, 1907 [*Apora*]: 242. Syntype series: ♂, ♀, Sabah: Kina-Balu, leg. Staudinger; ♀ & ♀ nymph, Brunei, leg. Staudinger [451]. [Brunner only mentioned Kina-Balu]. Valid name: *Parastheneboea laetior* (BRUNNER).
- laetissima** REDTENBACHER, 1908 [*Ocellata*]: 555. Syntype ♀, Brunei, leg. Staudinger [1120]. HNHM material from Java was destroyed in fire. Valid name: *Orthonecrosia laetissima* (REDTENBACHER).
- laevicollis** REDTENBACHER, 1908 [*Diapherodes*]: 435. Holotype ♀, Jamaica, leg. Staudinger [839].
- laevigatus** BRUNNER, 1907 [*Clitumnus*]: 191. Syntype series: 2 ♂♂, Sri Lanka, leg. Sarasin; ♂, Sri Lanka: Schilling, leg. Fruhstorfer; ♂, Sri Lanka, leg. Dr. Haly [316]. Also in ZMUH: ♂, Sri Lanka; ZMHB: ♂, Sri Lanka; MNMS; MNHN: ♂♂, India: Madras, 1900, leg. R. Oberthur. Valid name: *Baculum laevigatum* (BRUNNER).
- laevis** REDTENBACHER, 1908 [*Lamarchodes*]: 482. Holotype ♀, Cochinchina, 1861, leg. Deyrolle, "Mus. Paris" [902]. Not traced in MNHN, specimen believed to have been retained in NHMW.
- laevissima** BRUNNER, 1907 [*Cuniculina*]: 200. Holotype ♀ nymph, Sri Lanka, 1891, leg. Heuser, [341]. Valid name: *Baculum laevissimum* (BRUNNER).
- laevissimus** BRUNNER, 1907 [*Bacunculus*]: 336. Syntype ♀, U.S.A.: St. Louis [alcohol coll. 022/02]. Also in SMNS: ♀, U.S.A.: St. Louis [Brunner referred to "Lake Ontario"]. Valid name: *Heteronemia laevissima* (BRUNNER).
- laeviusculus** STÅL, 1875 [*Clitarchus*]: 82. Syntype series: 4 ♀♀, New Zealand, leg. Boucard [443]. Valid name: *Clitarchus hookeri* (WHITE, 1846: 24).
- lanceolata** REDTENBACHER, 1908 [*Aruanoidea*]: 522. Holotype ♂, Sumatra: Lampong, leg. Candeze [1017]. Valid name: *Scionecria longicollis* (REDTENBACHER, 1908: 521).
- leprosus** REDTENBACHER, 1906 [*Heterocopus*]: 42, pl. 1: 7. Syntype ♀, Belau "Pelew Is.", ex. Mus. Godeffroy [alcohol coll. 022/14]. Also in ZMUH: ♀, Pelew Is.
- ligata** BRUNNER, 1907 [*Dyme*]: 326. Holotype ♂, Cuba: Termina, Habana, leg. Boucard [661]. Valid name: *Bacteria ligata* (BRUNNER).
- linearis** REDTENBACHER, 1908 [*Sipyloidea*]: 544. Syntype ♀, Sabah: Kina-Balu, leg. Staudinger [1080]. Also in ZMAS; and in MNMS.
- lineatus** REDTENBACHER, 1908 [*Asceles*]: 500. Syntype ♀, Java, [18]99, leg. Sprenger [970]. Also in MNHN: ♂, Java.
- lineolata** BRUNNER, 1907 [*Gratidia*]: 227. Syntype series: ♀, Djibouti, leg. H. Coutiere; "Mus. Paris"; ♀, Arabia, leg. Simony [419]. Not traced in MNHN from Djibouti, specimen possibly retained in NHMW.



- liturata** REDTENBACHER, 1908 [*Aruanoidea*]: 527. Lectotype ♂, Malaysia: (Perak), leg. Jachau [designated by BROCK (1995: 91)]. Paralectotype ♀, same data [1048]. Valid name: *Necroscia westwoodi* (KIRBY, 1904: 376).
- lobatipes** BRUNNER, 1907 [*Promachus*]: 295. Syntype series: 6 ♂♂, 3 ♀♀, New Guinea: Sattelberg, Huon Golf, 1898, leg. Biró; ♂, New Guinea: Erima, Astrolabe B[ay], [18]97, leg. Biró; ♀, New Guinea: Erima, Astrolabe Bay, "Mus. Budapest" [578]. [GÜNTHER (1929: 726) referred also to a ♂ from Konstantinshafen, leg. Staudinger]. Not traced in ZMHB & SMTD. HNHM material was destroyed in fire. Valid name: *Neopromachus lobatipes* (BRUNNER).
- lobicornis** BRUNNER, 1907 [*Prosentoria*]: 208. Syntype series: ♂, 2 ♀♀, Sabah: Kina-Balu, leg. Staudinger; ♀, Brunei, leg. Staudinger; ♀, No locality, leg. Prinz [369]. Valid name: *Prosentoria arrogans* BRUNNER, 1907: 207.
- lobipes** REDTENBACHER, 1906 [*Chitoniscus*]: 178, pl. 6: 15. Holotype ♀, Fiji Is.: Viti, "ex Mus. Lübeck" [300].
- lobipes** BRUNNER, 1907 [*Clitumnus*]: 195. Holotype ♀, Java: Tengger-Geb., leg. Fruhstorfer [336]. Valid name: *Baculum lobipes* (BRUNNER).
- lobulata** BRUNNER, 1907 [*Cuniculina*]: 201. Holotype ♀, Sri Lanka: Kandy, leg. Burr [345]. Valid name: *Baculum lobulatum* (BRUNNER).
- lobulata** BRUNNER, 1907 [*Dyme*]: 327. Holotype ♀, Brazil: Rio Grande do Sul, Sta. Cruz, leg. Staudinger [662]. Valid name: *Bacteria lobulata* (BRUNNER).
- longicauda** BRUNNER, 1907 [*Promachus*]: 295. Syntype series: 2 ♀♀, New Guinea: Simbang, Huon Golf, 1899, leg. Biró [576]. HNHM material was destroyed in fire. Valid name: *Neopromachus longicaudus* (BRUNNER).
- longicollis** REDTENBACHER, 1908 [*Aruanoidea*]: 521. Syntype series: 2 ♂♂, Java: Mt. Gede, 4000 ft., 1896, leg. Fruhstorfer [1024]. Valid name: *Scionecra longicollis* (REDTENBACHER).
- longicollis** REDTENBACHER, 1908 [*Paranecroscia*]: 556. Paralectotype series: ♂, ♀, Sumatra: Engano, Bua-Bua, V. - VI. 1891, leg. Modigliani, "Mus. Genova" [1122]. Lectotype ♂ in MCSN: Is. Engano, Bua Bua, V. - VI. 1891, leg. Modigliani, here designated. Paralectotypes: 7 ♂♂, 2 ♀♀, same data; ♀, Kila-jue, V. 1891.
- longipes** REDTENBACHER, 1908 [*Asceles*]: 500. Syntype ♂, Sumatra: Pangherang - Pisang, X.[18]90 - III.[18]91, leg. E. Modigliani, "Mus. Genova" [969]. Also in MCSN: ♂, Sumatra: Mentawai, Sipora, Sereinu, V. - VII. 1894, leg. E. Modigliani.
- longipes** BRUNNER, 1907 [*Clitarchus*]: 236. ♂, ♂ nymph, ♀, Australia: Port Denison, (Western Australia), leg. H. Weyers; ♀, Western Australia, leg. Deyrolle [445].
- longipes** BRUNNER, 1907 [*Lonchodes*]: 259. Syntype series: 2 ♂♂, Vietnam: Than-Moi, leg. Fruhstorfer [489].
- longithorax** BRUNNER, 1907 [*Dixippus*]: 280. Syntype series: ♂, New Guinea: Key Is., leg. S. Semper; ♂, New Guinea: Key Is., leg. C. Ribbe [539]. Also in MCSN: ♂, Sumatra: Mt. Singalang, VII. 1878, leg. O. Beccari. Valid name: ? synonym of *Lonchodes foliopeda* (OLIVIER, 1792: 638).

- longithorax* BRUNNER, 1907 [*Gratidia*]: 222. Holotype ♂, Transvaal, leg. Fruhstorfer [395].
- loricatus* REDTENBACHER, 1908 [*Trapezaspis*]: 348. Holotype ♀, New Guinea: Milne Bay, leg. Staudinger [708].
- lugens* BRUNNER, 1907 [*Dyme*]: 322. Holotype ♂, Peru: Collanga, leg. Staudinger [641]. Valid name: *Bacteria lugens* (BRUNNER).
- lugens* BRUNNER, 1907 [*Menexenus*]: 244. Syntype ♀, Japan, "Mus. Hamburg" [455]. Also in ZMUH: ♀, Japan: Kobe. Valid name: *Neohirasea japonica* (DE HAAN, 1842: 135).
- lugubris* REDTENBACHER, 1906 [*Stratocles*]: 106. Syntype ♂, Bolivia, leg. Staudinger [154]. [♀ not traced].
- lurida* REDTENBACHER, 1906 [*Anisomorpha*]: 93. Syntype series: 3 ♀♀, Paraguay; ♀, Paraguay: S. Bernardino, leg. Dr. Jordan [also an undescribed ♂] [134]. [NHMW types said to be from Brazil, presumably in error]. Also in ZMUH: ♀, Paraguay - missing. HNHM material was destroyed in fire
- lyratus* REDTENBACHER, 1908 [*Anarchodes*]: 493. Holotype ♂, Borneo [980].
- macer* STÅL, 1875 [*Carausius*]: 65. Holotype ♂, Java, "Samarang", leg. Plason [509]. Valid name: *Carausius strumosus* STÅL, 1875: 64.
- macera* REDTENBACHER, 1908 [*Sosibia*]: 536. Lectotype ♂, Brunei, leg. Staudinger [975]. [designated by BROCK (1995: 93)]. Also paralectotypes in: ZMHB - not traced; and in ISNB: ♀, North Borneo, leg. Fruhstorfer.
- macerrimus* BRUNNER, 1907 [*Carausius*]: 275. Holotype ♂, Australia: Cooktown, (Queensland), leg. Staudinger [526].
- macra* REDTENBACHER, 1908 [*Aruanoidea*]: 523. Syntype series: 2 ♂♂, XI. - XII.1895, leg. Fruhstorfer [1010]. Valid name: *Necroscia macra* (REDTENBACHER).
- maculipes* REDTENBACHER, 1906 [*Orobia*]: 72. Syntype series: ♂, Madagascar, "Mus. Paris"; ♂, Handavu south 'see Erbet' [published as "Fiji: Kandavu" (?)] [81]. Also in MNHN: Madagascar [?]. Valid name: *Leiophasma maculipes* (REDTENBACHER).
- madagassa* BRUNNER, 1907 [*Gratidia*]: 222. Holotype ♂, North Madagascar: Amber Gebinge, leg. H. Rolle [394].
- madagassa* BRUNNER, 1907 [*Pachymorpha*]: 216. Holotype ♀, Madagascar: Mahanoko, leg. Boucard [384].
- madegassa* REDTENBACHER, 1906 [*Cirsia*]: 22, pl. 2: 8. Holotype ♀, Madagascar: central Meda, leg. Hildebrandt [2].
- maerens* BRUNNER, 1907 [*Menexenus*]: 245. Lectotype ♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [designated by HAUSLEITHNER (1992: 431)]. Paralectotype series: ♂, 2 ♀♀ nymphs, same data [456]. Further specimens: ♂, 2 ♀♀ nymphs, same data, in ISNB are possible paralectotypes. Valid name: *Neohirasea maerens* (BRUNNER).
- magistralis* REDTENBACHER, 1908 [*Neocles*]: 505. Lectotype ♀, West Sumatra: Padang Pandjang, leg. H. Rolle [designated by BROCK (1995: 91)] [985]. Also in

NHMB: paralectotype ♀, Sumatra: Indragiri. Valid name: *Neoclides magistralis* (REDTENBACHER).

**magnificus** BRUNNER, 1907 [*Myronides*]: 254. Syntype series: ♂, Vietnam: Than-Moi, leg. Fruhstorfer; ♀, Vietnam, Central, Chiem-Hoa, VIII. - IX., leg. Fruhstorfer [477]. Also in ANSP: ♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer & ISNB: 3 ♀♀, Vietnam: Than-Moi, leg. Fruhstorfer [477].

**magnus** BRUNNER, 1907 [*Clitumnus*]: 190. Syntype ♂, & ♂ nymph, India: Silhet, leg. Deyrolle [311]. [no specimen(s) were traced from "Moluccas"]. Also in MNHN - coll. Pantel: Java. Valid name: *Baculum magnum* (BRUNNER).

**malaccensis** BRUNNER, 1907 [*Cuniculina*]: 204. Holotype ♀, Malaysia: (Perak), leg. Jachau [362]. Valid name: *Baculum nematodes* (DE HAAN, 1842: 132).

**malaccensis** BRUNNER, 1907 [*Erringtonia*]: 212. Holotype ♀, Malaysia, "Mus. Paris" [alcohol coll. 028/17]. Not traced in MNHN [apparently retained in NHMW].

**mallati** BRUNNER, 1907 [*Rhampophasma*]: 210. Syntype series: 3 ♀♀, India: Shembagonor (Madras), ex coll. Pantel [374]. [Not recorded in NHMW - specimen retained by Brunner or obtained later]. Also in MNHN - coll. Pantel: ♂, ♀, leg. Mallat.

**mamillata** BRUNNER, 1907 [*Dyme*]: 323. Holotype ♂, Peru: Umbara, leg. Staudinger [646]. Valid name: *Bacteria mamillata* (BRUNNER).

**margaritatus** REDTENBACHER, 1908 [*Asceles*]: 496, pl. 25: 6. Syntype series: 3 ♂♂, 3 ♀♀, Sabah: Kina-Balu, leg. Staudinger; ♂, North Borneo, leg. Fruhstorfer [952].

**margaritatus** BRUNNER, 1907 [*Dixippus*]: 279. Syntype series: 10 ♂♂, 3 ♀♀, Vietnam: Than-Moi, leg. Fruhstorfer [534]. 11 specimens, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer in ISNB, are possible syntypes. Valid name: *Carausius margaritatus* (BRUNNER).

**marginale** REDTENBACHER, 1906 [*Paraphasma*]: 115. Paralectotype series: 3 ♂♂, 3 ♀♀, Paraguay; ♂, ♀, Paraguay: Pto 14 de Mayo, I. 1897, leg. G. Boggiani, "Mus. Genova"; 2 ♂♂, ♀, Paraguay: S. Bernardino, leg. Fieburg; ♀, Paraguay, leg. Dr. Jordan; ♂, Brazil: St. Paul, leg. Staudinger; ♀, Brazil, leg. Fruhstorfer; ♂, Brazil: Cuyaba, Matto Grosso, leg. Staudinger; 3 ♂♂, Brazil: Iatahy, Pr. Goyaz, Ch. Pujol; ♀ no locality, leg. Fischer; 2 ♂♂, ♀, Brazil: Bahia, leg. Sommer; 2 ♂♂, Brazil: Bahia, 1820, leg. Kammerlacher [175]. Also in numerous other collections. From Brazil: SMTD - not traced; SMNS; MNHN; ZMAS; ZMUH and HNHM - destroyed in fire. From Paraguay: ZMUH; MNMS; MCSN (see below) and HNHM - destroyed in fire. **Lectotype** ♂ in MCSN is from Paraguay, Puerto 14 de Mayo, I. 1897, leg. G. Boggiani, **here designated**. Paralectotypes in MCSN: ♂, 2 ♀♀, same data.

**marginata** REDTENBACHER, 1908 [*Diacanthoidea*]: 532, pl. 26: 6. Syntype series: 3 ♂♂, 4 ♀♀, Borneo, leg. Grabowsky [1056]. [No specimen(s) from Java traced]. Also in ISNB: 2 ♂♂, North Borneo, leg. Alverett, ex coll. Fruhstorfer; and in MNHN: Borneo [?].

**marginatus** REDTENBACHER, 1906 [*Presbistus*]: 81. Syntype series: ♂, 2 ♀♀, Sabah: Kina-Balu, leg. Staudinger [104]. Also in MNMS; MNHN: ♂, Borneo: Lohiban, leg. R. Oberthur; and in ZMUH: ♀, Sabah: Kina-Balu. [Designation of lectotype believed to be in press].

- marmorata** REDTENBACHER, 1908 [*Necroschia*]: 564. Holotype ♂, Borneo, leg. Boucard [1133]. Valid name: *Nescicroa marmorata* (REDTENBACHER).
- marmoratum** REDTENBACHER, 1906 [*Phasma*]: 119. Syntype series: ♂, ♀, Colombia: Medellin, 6000 ft., leg. Dämel; ♂, Ecuador: Cachabi, I.[18]97, leg. Rosenberg; ♀, Ecuador, leg. Burr; 2 ♂♂, ♀, Sta. Fe de Bogota, leg. Staudinger [185]. Also in ZMHB: ♂, 2 ♀♀, Colombia: Bogota, leg. Lindig; ♀, Colombia: Antioquia, leg. Wallis; ZMUH: ♂, Brazil: Rio Grande do Sul; and in MNMS: Peru: Cumbase. Valid name: *Pseudophasma marmoratum* (REDTENBACHER).
- maximum** REDTENBACHER, 1908 [*Bactridium*]: 401. Holotype ♀, Brazil, leg. Fruhstorfer [778]. [Description states type locality is "Bahia"]. Valid name: *Cladoxerus maximum* (REDTENBACHER).
- maxwelli** REDTENBACHER, 1908 [*Bacteria*]: 420. Syntype series: 3 ♂♂, 2 ♀♀, Martinique, leg. Maxwell Lefroy [813]. [Not recorded in NHMW]. Also in MNHN: ♂, same data.
- mediocris** REDTENBACHER, 1908 [*Aruanoidea*]: 521. Holotype ♂, Java, leg. Staudinger [1026]. Valid name: *Scionecra longicollis* (REDTENBACHER, 1908: 521).
- mediocris** BRUNNER, 1907 [*Cuniculina*]: 203, pl. 9: 1. Syntype series: ♀, Java, leg. Staudinger; ♀, No locality [354]. Also in ISNB: ♀, Java, leg. Fruhstorfer. Valid name: *Baculum mediocris* (BRUNNER).
- medorina** REDTENBACHER, 1908 [*Calvisia*]: 572. Syntype series: ♂, ♀, Borneo, leg. Grabowsky [1163]. Also in ZMHB: Borneo.
- meijerei** BRUNNER, 1907 [*Promachus*]: 297. Syntype series: 2 ♂♂, New Holland, "Mus. Amsterdam" [586]. Not traced in ZMAN. Valid name: *Neopromachus meijerei* (BRUNNER).
- memorabilis** REDTENBACHER, 1906 [*Pseudodatames*]: 21, pl. 2: 5 - 6. Syntype series: 3 ♂♂, 3 ♀♀, Madagascar: Antongil, leg. Mocqueris; ♀, Madagascar: Sikora [1]. Also in MNHN [?]; ISNB: 1 example, Madagascar: Maroancetra, XII.1897, ex. coll. Finot; and in ZMUH: ♂, ♀, nymph, Madagascar, Antongil.
- michaelis** REDTENBACHER, 1908 [*Phibalosoma*]: 427. Holotype ♀, Brazil: Bahia, ex. coll. Sommer [831].
- michaelis** REDTENBACHER, 1906 [*Xerosoma*]: 145. Syntype ♀, Brazil: Espirito Santo, leg. Fruhstorfer [241] [Not recorded by REDTENBACHER in NHMW]. Also ♀ in ZMUH.
- microptera** REDTENBACHER, 1908 [*Aruanoidea*]: 520. Holotype ♂, Kuala Kangsar, (Perak), 1902, leg. Grubauer [1034]. Valid name: *Scionecra microptera* (REDTENBACHER).
- miles** REDTENBACHER, 1908 [*Dimorphodes*]: 367. Paralectotype series: ♂, Moluccas, Obi Major, 1902, leg. J. Waterstadt; ♂, Obi, leg. Doherty, coll. Fruhstorfer; ♀, New Guinea: Roon, leg. Fruhstorfer [730]. Also in MCSN: **Lectotype** ♂, New Guinea: Ansus, IV.1875, leg. O. Beccari, **here designated**; and paralectotype(s) in coll. Rolle - not traced. Valid name: *Dimorphodes mancus* BATES, 1865: 345.

- minor** BRUNNER, 1868 [*Graeffea*]: 47. Syntype series: ♂, 2 ♀♀, Fiji: Viti, leg. Godeffroy; ♂, Fiji, leg. Gamel [772].
- minus** REDTENBACHER, 1906 [*Paraphasma*]: 116. Holotype ♀, Alto-Amazonas, leg. Staudinger [179].
- mitratus** REDTENBACHER, 1906 [*Datames*]: 50. Lectotype ♀, Malaysia: Kuala Kangsar, leg. Grubauer, 1902 [designated by BROCK (1995: 95)]. Paralectotype series: ♀, Malaysia "Malacca", leg. Deyrolle [46]. Also in ZMHB: ♀, North Celebes. [♂ not traced]. Valid name: *Datames oileus* (WESTWOOD, 1859: 53).
- modestum** BRUNNER, 1907 [*Prisomera*]: 286. Syntype series: ♀, Sabah: Kina-Balu, leg. Staudinger; ♀, Borneo [554]. Valid name: *Lonchodes modestus* (BRUNNER).
- modestus** REDTENBACHER, 1908 [*Perisceles*]: 481 - see *Abrosoma festinatum* BROCK & SEOW-CHOEN, 1995.
- modestus** BRUNNER, 1907 [*Promachus*]: 299. Holotype ♂, New Holland, "Mus. Amsterdam" [592]. Not traced in ZMAN, specimen retained in NHMW. Valid name: *Neopromachus strumosus modestus* (BRUNNER), see GÜNTHER (1929: 723).
- modificatus** BRUNNER, 1907 [*Menexenus*]: 245. Syntype series: 2 ♂♂, Vietnam: Than-Moi, VI.-VII., leg. Fruhstorfer [457]. Valid name: *Neohirasea maerens* (BRUNNER, 1907: 245).
- moesta** REDTENBACHER, 1908 [*Marmessoidea*]: 511. Syntype ♂, Sumatra: Deli, leg. Dr. Dohrn [999]. Not traced in ZMHB from Sumatra: Medan.
- moesta** REDTENBACHER, 1908 [*Pomposa*]: 503, pl. 25: 1. Holotype ♀, Sabah: Kina-Balu, leg. Staudinger [982].
- molestus** REDTENBACHER, 1908 [*Paramenexenus*]: 476, pl. 24: 2. Syntype series: ♂, 2 ♀♀, Sri Lanka, leg. F. Sarasin; ♂, Sri Lanka, leg. Dr. Haly; ♂, ♀, "Zool. Inst. de Univ., Univ. Wien" [905].
- moluccanus** REDTENBACHER, 1906 [*Datames*]: 51. Syntype series: 3 ♂♂, 2 ♀♀, Celebes [Sulawesi]: Is. Kalidapu, leg. H. Kühne [47].
- monilicornis** REDTENBACHER, 1906 [*Dajaca*]: 162. Lectotype ♀, Borneo, leg. Bormans [designated by Hennemann *et al.*, 1996: 330] [270]. HNHM material was destroyed in fire [Presumably this included ♂ specimen(s)].
- montana** REDTENBACHER, 1908 [*Bacteria*]: 415. Holotype ♂, Alto-Amazonas, leg. Staudinger [800].
- montana** BRUNNER, 1907 [*Gratidia*]: 223. Syntype series: 2 ♂♂, Tanzania: Kilimandjaro, leg. Höbul [401]. Also in MNHN: Abyssinia [?]. [♀ not traced].
- montana** REDTENBACHER, 1908 [*Parasipylloidea*]: 479. Holotype ♂, India: Darjeeling, VI., leg. Fruhstorfer [895].
- morbosum** BRUNNER, 1907 [*Prisomera*]: 290. Holotype ♂, Borneo: Kina-Balu, leg. Staudinger [568]. Valid name: *Lonchodes hosei* (KIRBY, 1896: 457).
- moricula** REDTENBACHER, 1908 [*Sipylloidea*]: 545. Syntype series: ♂, Sabah: Kina-Balu, leg. Staudinger; ♂, Brunei, leg. Staudinger [1105]. Also in MHNG: ♂, Borneo: Isles de Sonde, leg. Fruhstorfer; ♂, Brunei, leg. Staudinger.

- morio** REDTENBACHER, 1908 [*Sipylloidea*]: 544. Syntype ♂, Philippines, leg. Schneider [1081]. Also in MNHN: ♂, Philippines: Manilla.
- multiannulata** REDTENBACHER, 1908 [*Ocellata*]: 556. Syntype series: ♂, 2 ♀♀, Brunei, leg. Staudinger [1117]. Valid name: *Orthonecroschia multiannulata* (REDTENBACHER).
- multicolor** REDTENBACHER, 1908 [*Aruanoidea*]: 523. Syntype series: 5 ♂♂, 2 ♀♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [1011]. 3 ♂♂, same data, in ISBN are possible syntypes.
- multidentatus** BRUNNER, 1907 [*Clitarchus*]: 237. Holotype ♀, New Caledonia, leg. Deyrolle [444].
- multilobatus** REDTENBACHER, 1908 [*Pericentrus*]: 352. Syntype ♀, Peru, leg. Staudinger [712]. Also in BMNH: 2 ♂♂, Costa Rica: R. Susio, leg. H. Rogers. Not traced from "Chiriqui". Valid name: *Trychopeplus laciniatus* (WESTWOOD, 1874: 174).
- munda** REDTENBACHER, 1908 [*Aruanoidea*]: 525. Syntype series: 2 ♀♀, Philippines, leg. Thorey; ♂, ♀, Philippines, leg. Bolivar; ♂, Philippines, leg. Hügel; ♂, Philippines: Manilla, "Mus. Paris" [1041]. Also in MHNG: ♀, Philippines. Valid name: *Necroschia munda* (REDTENBACHER).
- muricata** REDTENBACHER, 1906 [*Antongilia*]: 28. Syntype series: 4 ♂♂, Madagascar: Sikora; ♂, Madagascar: Antongil, leg. Mocqueris [12]. Also in MNHN [?]; and in ZMAS: Madagascar: Ranomafana.
- muricatus** REDTENBACHER, 1906 [*Pygirhynchus*]: 58. Syntype ♀, Brazil: Espirito Santo, leg. Fruhstorfer [60]. Also in ZMUH: ♀, Brazil: Espirito Santo.
- murinus** REDTENBACHER, 1908 [*Haplopus*]: 430. Syntype series: 2 ♀♀, Jamaica, leg. Burr [834]. Valid name: *Aplopus murinus* (REDTENBACHER).
- muscosus** REDTENBACHER, 1906 [*Obrimus*]: 41. Syntype series: ♂, ♀, Sabah: Kina-Balu, leg. Staudinger; ♀, North Borneo, leg. Fruhstorfer [36]. Also in ZMAS. Valid name: *Aretaon muscosus* (REDTENBACHER).
- mutica** BRUNNER, 1907 [*Dyme*]: 324. Holotype ♂, Trinidad, leg. Boucard [652]. [It is unlikely that a ♂ in SMNS, without locality (mentioned by HENNEMANN & al 1996: 437) was intended to be part of the type series]. Valid name: *Bacteria mutica* (BRUNNER).
- muticus** REDTENBACHER, 1908 [*Candaules*]: 539. Holotype ♂, Philippines: Mindanao, leg. Staudinger [1073]. Valid name: *Lopaphus muticus* (REDTENBACHER).
- muticus** BRUNNER, 1907 [*Promachus*]: 294. Syntype series: ♂, ♀, New Guinea: Tamara, Berlinhafen, [18]97, leg. Biró; ♀, New Guinea, leg. Staudinger; ♀, New Guinea [574]. Not traced in either SMTD: Bongu - not traced; or ZMHB: Friedrich Wilhelmshafen. HNHM material from New Guinea: Tamara was destroyed in fire. Valid name: *Neopromachus muticus* (BRUNNER).
- nattereri** BRUNNER, 1907 [*Ocnophila*]: 316. Holotype ♂, Brazil: Rio de Janeiro, leg. Schott; also a ♂ nymph, same data [631].

- necrosioides** REDTENBACHER, 1908 [*Ocellata*]: 556. Syntype series: 2 ♂♂, ♀, Sabah: Kina-Balu, leg. Staudinger [1118]. Valid name: *Orthonecrosia necrosioides* (REDTENBACHER).
- neptunus** BRUNNER, 1907 [*Bacunculus*]: 335. Holotype ♂, Mexico: [Baja] California, [18]95, leg. Diguët, "Mus. Paris" [677]. Valid name: *Pseudosermyle neptunus* (BRUNNER).
- nigra** BRUNNER, 1893 [*Parapachymorpha*]: 96, pl. 4: 35. Paralectotype ♀, Burma: Carin Chebà, 900-1100m, V. - VII.[18]88, leg. L. Fea, "Mus. Genova" [386]. Also in MCSN: Lectotype ♀, here designated. Paralectotype ♀, Burma: Carin Chebà, 900 - 1100m, V. - XII.[18]88, leg. L. Fea.
- nigra** BRUNNER, 1907 [*Stheneboea*]: 250, pl. 12: 1. Syntype series: ♀, Borneo, leg. Grabowsky; ♀, Sabah: Banguëy, leg. Staudinger [472]. Also in ZMHB. HNHM material was destroyed in fire. Valid name: *Prisomera nigra* (BRUNNER).
- nigricans** REDTENBACHER, 1908 [*Sosibia*]: 537. Holotype ♂, North Borneo, leg. Fruhstorfer [1071].
- nigricornis** REDTENBACHER, 1906 [*Brizoides*]: 112. Syntype series: ♂, ♀, Panama: Chiriqui, leg. Staudinger; ♂, Panama: Bugaba, 800 - 1,500 m, leg. Champion [166]. Also in BMNH: 2 ♀♀, Panama: Bugaba, leg. Champion; ♀, Panama: V. de Chiriqui, leg. Champion. [Note - although SHELFORD (1908: 371) stated that the type [no sex specified] was in "Mus. Vienna", no specimen had been designated by Redtenbacher; it is apparent that Shelford was unaware of the full extent of the type material].
- nigrofasciata** REDTENBACHER, 1908 [*Aruanoidea*]: 525. Holotype ♀, Philippines, leg. Bolivar [1033]. Valid name: *Necrosia nigrofasciata* (REDTENBACHER).
- nigrofasciata** REDTENBACHER, 1908 [*Tagesoidea*]: 565, pl. 27: 7. Lectotype ♂, Borneo, leg. Boucard [designated by BROCK (1995: 93)] [1147]. Also in ZMUH: paralectotype ♂, Sumatra: Deli.
- nigrogeniculatus** REDTENBACHER, 1906 [*Presbistus*]: 80, pl. 4: 4. Holotype ♀, Sabah: Kina-Balu, leg. Staudinger [100].
- nigrogranulosus** REDTENBACHER, 1906 [*Perliodes*]: 137, pl. 5: 8. Syntype series: ♂, Brazil: Theresopolis, leg. Michaelis; ♀, Brazil: St. Catharina, leg. Staudinger [226]. Also in ZMHB: 2 ♂♂, Brazil: Theresopolis, leg. Fruhstorfer; MNHN: Brazil; and in MNHN: Paya, Darien; coll. Rolle: Mexico: Colima. Valid name: *Olcypides nigrogranulosus* (REDTENBACHER).
- nigrolineata** HENNEMANN, CONLE & BRÜCKNER, 1996 [*Dajaca*]: 329. Paratype series: 2 ♂♂, 1 ♀, Myanmar: Tenasserim, VI.1995, leg. Lehmann [1171]. Holotype ♂ in ZMHB. Paratype series in ZMHB: 14 ♂♂, 16 ♀♀, 3 nymphs, same data; SMNS: ♂, ♀; and in ZSMC: ♂, ♀. Also in private collections.
- nigroplagiatus** REDTENBACHER, 1908 [*Arrhidaeus*]: 376. Holotype ♀, Philippines: Luzon, leg. Staudinger [741]. Valid name: *Ophicrania nigroplagiata* (REDTENBACHER).
- nigrospinosa** REDTENBACHER, 1908 [*Eurycnema*]: 469. Holotype ♀, New Guinea: Key Is., leg. Kühne [888].

- nigrosulfurea* REDTENBACHER, 1908 [Megacrania]:** 370. Syntype series: ♂, ♀, New Guinea, leg. Fruhstorfer [737].
- nigrotuberculata* REDTENBACHER, 1906 [Orobia]:** 73. Syntype series: 2 ♂♂, Madagascar: Tananarive; 4 ♂♂, 3 ♀♀, Madagascar: Sikora; ♂, 4 ♀♀, Madagascar, leg. Prinz; ♂, Madagascar [84]. Also in MNHN: several ♂♂, ♀♀, Madagascar. Valid name: *Leiophasma nigrotuberculata* (REDTENBACHER).
- nimia* BRUNNER, 1907 [Medaura]:** 241. Holotype ♀, India: Calcutta, leg. Thorey [alcohol coll. 024/09]. [Brunner referred to Wood-Mason's material from India: Assam [NZSI], with doubt].
- nimius* BRUNNER, 1907 [Promachus]:** 295. Syntype series: 2 ♀♀, New Guinea: Sattelberg, Huon Golf, leg. Biró [579]. Also in HNHM - lost in fire. Valid name: *Neopromachus nimius* (BRUNNER).
- nitens* BRUNNER, 1907 [Diapheromera]:** 338. Syntype ♀, Mexico, leg. Procopp [691]. HNHM material was destroyed in fire.
- nitidus* REDTENBACHER, 1906 [Isagoras]:** 134. Holotype ♀, Brazil, leg. Sommer [218].
- nodulosa* REDTENBACHER, 1908 [Bacteria]:** 416. Syntype series: ♂, French Guyana, "Mus. Paris"; ♂, Cayenne, leg. Thorey [805]. Also in SMNS: ♂, no locality ['Surinam' according to Redtenbacher]; MNHN: ♂, Guyana, ♂, Brazil; MNMS: Brazil: Santarem; and in coll. Stoll: Antigua - not traced.
- normalis* BRUNNER, 1907 [Lonchodes]:** 261, pl. 12: 4. Holotype ♂, India: Calcutta, leg. Thorey [498].
- normalis* REDTENBACHER, 1908 [Sipyloidea]:** 547. Syntype series: 23 ♂♂, 23 ♀♀, Moluccas, leg. Depuiset; Celebes; New Guinea; Aru; Indonesia: Is. Buru; Solomon Isles [1109]. Also in ZMUH: ♂, New Guinea: Is. Roon; ♂, Is. Major; ♀, New Guinea; ZMHB: New Guinea: Key Is. - not traced. HNHM material from New Guinea was destroyed in fire.
- nossibianus* BRANCSIK, 1893 [Xerantherix]:** 183, pl. 4: 1. Syntype ♀, Madagascar: Sikora [267]. [Unlikely to be part of type series from Is. Nossibé in coll. Brancsik, but mentioned because Brancsik was in contact with Brunner and an exchange of material cannot be ruled out].
- novaequinae* REDTENBACHER, 1908 [Parasipyloidea]:** 480. Syntype series: 2 ♂♂, New Guinea: Roon, leg. Fruhstorfer [901].
- nuda* BRUNNER, 1907 [Entoria]:** 208. Syntype series: ♂, 2 ♀♀, Japan: Okinawa, leg. Fruhstorfer; [♂, Japan: Yentempo, 20.V.[19]07, leg. Sauter; ♂, Japan: Ishigati, 14.VI.[19]07, leg. H. Sauter; ♀, Japan: Tobigaki, leg. H. Sauter types?][373].
- nudiceps* REDTENBACHER, 1906 [Canuleius]:** 68. Syntype ♂, Brazil: Sta. Catharina [76]. [The only locality recorded was "Espírito Santo" and no reference was made to a specimen in NHMW, but it is likely to be part of the type series]. Also in ZMUH: ♂, Brazil: Espírito Santo. Valid name: *Acanthoderus nudiceps* (REDTENBACHER).
- nudiusculus* HAUSLEITHNER, 1992 [Menexenus]:** 424. Holotype ♂, N.E. India, Regenwald, Sessa, 1000 m., IX.1986, leg. Arunachal Pradesh. Paratype series: 2 ♂♂, 2 ♀♀, same data [No ref. number allocated].



- obesus** BRUNNER, 1907 [*Menexenus*]: 246. Lectotype ♂, India, leg. Fuhstorfer [designated by HAUSLEITHNER (1992: 432)] [462]. Also in ZMUH: 3 ♂♂, 3 ♀♀, India: Darjeeling.
- obliterata** REDTENBACHER, 1908 [*Necroscia*]: 561. Syntype series: ♂, ♀, New Guinea: Sattelberg, Huon Golf, 1898, leg. Biró [1137]. HNHM material was destroyed in fire. Valid name: *Nescicroa obliterata* (REDTENBACHER).
- obliteratum** REDTENBACHER, 1908 [*Centema*]: 490. Holotype ♂, Java, leg. Staudinger [943]. Valid name: *Centrophasma obliteratum* (REDTENBACHER).
- obnoxia** BRUNNER, 1907 [*Cuniculina*]: 199. Holotype ♀, Sri Lanka, leg. F. Sarasin [339]. Valid name: *Baculum obnoxium* (BRUNNER).
- obocensis** BRUNNER, 1907 [*Gratidia*]: 224. Syntype series: 2 ♀♀, Massana, leg. Hildebrandt; ♀, Sudan: Palmé, VIII.1882; ♂, ♀, Obok, VII.[18]97, leg. Jousseau, "Mus. Paris". Also, possible syntype ♀, Arabia, leg. Simony, which appears to be a different species [and is not included in the localities given by Brunner, which includes Bab-el-Mandeb] [407]. Also in MNHN: Obok & Djibuti [?].
- obrutus** BRUNNER, 1907 [*Promachus*]: 296. Syntype series: 2 ♀♀, New Guinea: Sattelberg, Huon Golf, leg. Staudinger; ♂, ♀, New Guinea: Sattelberg, Huon Golf, 1899, leg. Biró [583]. HNHM material was destroyed in fire. Valid name: *Neopromachus obrutus* (BRUNNER).
- obstrictus** BRUNNER, 1907 [*Lonchodes*]: 260. Holotype ♂, Java: Malang [492].
- obtusicornuta** REDTENBACHER, 1908 [*Bostra*]: 409. Syntype series: ♂, Guatemala, leg. Boucard [alcohol coll. 022/03, very broken]; ♂, Costa Rica, "Mus Paris" [alcohol coll. 020/05]. Also in MNHG: ♂, Costa Rica, leg. Biolley; and in ZMHB: Costa Rica.
- obtusus** REDTENBACHER, 1908 [*Haplopus*]: 431, pl. 19: 5. Holotype ♀, Santa Cruz, ex.coll. Somerset [835]. Valid name: *Aplopus obtusus* (REDTENBACHER).
- octolineata** REDTENBACHER, 1908 [*Calvisia*]: 570. Syntype series: ♀, Celebes: Dongola, [18]94, leg. Kükenthal; ♀, South Celebes: Samanga, XI.1895, leg. H. Fruhstorfer [1155].
- olivacea** REDTENBACHER, 1908 [*Monandroptera*]: 389, pl. 18: 3. Syntype series: ♂, Kerguelen: Is. Bourbon, leg. Depuisset; ♂, 2 ♀♀, Is. Mauritius, leg. Saussure [756]. [Redtenbacher only listed this species in NHMW from Réunion]. Also in SMNS: ♀, Madagascar [Locality in error? - "Mauritius" listed by Redtenbacher]; and in MNHN: Réunion; Mauritius [?].
- opacus** REDTENBACHER, 1908 [*Asceles*]: 500. Syntype series: ♂, Sri Lanka: Pundaluoy, XII.[18]97; ♀, Sri Lanka, 1889, leg. Fruhstorfer [968].
- operculata** REDTENBACHER, 1906 [*Orobia*]: 70. Syntype series: 2 ♂♂, 2 ♀♀, Madagascar: Antongil, leg. Mocqueris [80]. Also in MNHN [?]; and in ZMUH: ♀. Valid name: *Leiopterna operculata* (REDTENBACHER).
- operculata** REDTENBACHER, 1908 [*Paranecroscia*]: 557. Syntype series: 2 ♂♂, 2 ♀♀, North Borneo, leg. Fruhstorfer; ♀, Sabah: Kina-Balu, leg. Staudinger; 2 ♂♂, 3 ♀♀,

Brunei, leg. Staudinger; ♀, Borneo [1123]. Also in coll. Fruhstorfer: Sumatra: Mt. Battak - not traced. HNHM material from Java and New Guinea: Stephansort [A likely misidentification] was destroyed in fire. A specimen from North Borneo, ex. coll. H. Fruhstorfer in ISNB is a possible syntype.

- operculatus BRUNNER, 1907 [Clitumnus]:** 192. Syntype series: ♂, ♀ nymph, India: Assam, leg. Staudinger [323]. Valid name: *Baculum operculatum* (BRUNNER).
- operculatus REDTENBACHER, 1908 [Paramenexenus]:** 476. Syntype series: 3 ♂♂, 2 ♀♀, Vietnam: Mt. Mauson, 2,000 - 3,000 ft., IV. - V., leg. Fruhstorfer [903]. Valid name: *Paramenexenus laetus* (KIRBY, 1904: 375).
- oppositifolia BRUNNER, 1907 [Stheneboea]:** 251. Holotype ♀, No locality [474]. Valid name: *Prisomera oppositifolia* (BRUNNER).
- ornata BRUNNER, 1907 [Dyme]:** 327. Holotype ♀, Brazil: Theresopolis, Sta. Catharina, leg. Fruhstorfer [667]. Valid name: *Bacteria ornata* (BRUNNER).
- ornata BRUNNER, 1907 [Greenia]:** 264. Syntype series: ♂, Sri Lanka, 1899, leg. Fruhstorfer; 2 ♂♂, Sri Lanka, 1891, leg. Hladik; nymph, Sri Lanka: Kandy, leg. Löbell [500].
- oxyacantha REDTENBACHER, 1908 [Acrophylla]:** 457. Syntype series: ♀, Australia: (New South Wales), leg. Thorey; ♀, Australia: Sydney, leg. Thorey; ♀, Australia: Sydney, leg. Dämel; ♀, Australia, 1863, leg. Brun; ♀, Australia: (Tasmania), I.[18]47, leg. Verreaux, "Mus. Paris" [867]; Sydney, Novara Expedition, 1857-59, leg. Frauenfeld [alcohol collection, 018/09]. Also in ZMAS: Locality not known; MNHN [?]; and in ZMUH - not traced. [One of the type localities "Moreton Bay", may refer to material in alcohol collection - labelled as *Acrophylla* sp. ex. Mus. Godeffroy]. Valid name: *Ctenomorpha marginipennis* (GRAY, 1833: 27).
- pachycerca REDTENBACHER, 1908 [Bacteria]:** 415. Holotype ♂, Peru: Marcapata, leg. Staudinger [801]. [Locality not recorded by REDTENBACHER].
- palliata REDTENBACHER, 1908 [Diardia]:** 486. Holotype ♀, Java, leg. Staudinger [928].
- pallida REDTENBACHER, 1908 [Aruanoidea]:** 524. Syntype series: 2 ♀♀, Sabah: Kina-Balu, leg. Staudinger [1030]. Also in MNMS. Valid name: *Necroscia affinis* (GRAY, 1835: 37).
- pallidenotata REDTENBACHER, 1908 [Bacteria]:** 415. Holotype ♂, Brazil: Para, via Higgins [804].
- pallidicornis STÅL, 1875 [Autolyca]:** 95. Syntype series: 2 ♂♂, 7 ♀♀, nymphs, Guatemala, leg. Dr. Candeza [137].
- pallidifrons REDTENBACHER, 1908 [Calvisia]:** 570. Holotype ♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [1152]. Valid name: *Calvisia virbius* (WESTWOOD, 1859: 154).
- papuana REDTENBACHER, 1908 [Diardia]:** 485. Syntype series: 2 ♂♂, Dutch New Guinea, "Mus. Amsterdam"; ♂, Deutsche New Guinea [933]. Valid name: *Leprocaulinus vipera* (KAUP, 1871: 473).

- parasanguinolenta* BRUNNER, 1907 [*Dyme*]: 325. Holotype ♂, Brazil, leg. Fruhstorfer [656]. Valid name: *Bacteria parasanguinolenta* (BRUNNER).
- parvipennis* REDTENBACHER, 1906 [*Xeranthrix*]: 161, pl. 6: 4. Syntype series: 3 ♀♀, Madagascar: Antongil, leg. Mocqueris [268]. Also in MNHN - coll. Finot, from Madagascar: Maroancetra; and in ZMUH: ♀, Madagascar: Antongil.
- paucispinosum* REDTENBACHER, 1908 [*Bactridium*]: 401. Syntype series: 2 ♀♀, Brazil: Rio de Janeiro, leg. Sommer; ♀, No locality [779]. Valid name: *Cladoxerus paucispinosus* (REDTENBACHER).
- pedestris* BRUNNER, 1907 [*Ocnophila*]: 313. Holotype ♀, Brazil, leg. Fruhstorfer; also nymph, Brazil: Theresopolis, leg. Fruhstorfer [623].
- penicillatus* REDTENBACHER, 1908 [*Asceles*]: 497. Syntype series: 2 ♀♀, Brunei, leg. Staudinger; ♀, Sabah: Kina-Balu, leg. Staudinger; ♀ nymph, North Borneo, leg. Fruhstorfer [955].
- pentlandi* REDTENBACHER, 1906 [*Autolyca*]: 95. Syntype series: ♂, 2 ♀♀, Peru: Cusco, "Mus. Paris" [138]. Also in MNHN: ♂, 3 ♀♀, Peru: Cusco.
- perakensis* REDTENBACHER, 1908 [*Marmessoidea*]: 514. Lectotype ♂, Malaysia: (Perak), leg. Jachau [designated by BROCK (1995: 90)]. Paralectotype ♂, Malaysia: (Perak), leg. Staudinger [1001]. Valid name: *Marmessoidea annulata* (FABRICIUS, 1798: 189).
- perakensis* REDTENBACHER, 1908 [*Paramyronides*]: 478. Lectotype ♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [designated by BROCK (1995: 89)]. Paralectotype series: 6 ♂♂, 4 ♀♀, same data; 3 ♂♂, ♀, Malaysia: (Perak), leg. Jachau [907]. Valid name: *Lopaphus perakensis* (REDTENBACHER).
- pericles* REDTENBACHER, 1906 [*Metriotes*]: 140. Holotype ♀, Brazil, leg. Fruhstorfer [234]. Valid name: *Metriophasma pericles* (REDTENBACHER).
- perillus* STÅL, 1875 [*Planudes*]: 98. Holotype ♀, Locality not known, leg. Boucard [213].
- perlobatum* BRUNNER, 1907 [*Prisomera*]: 290. Syntype series: ♀, 2 ♀♀ nymphs, Sri Lanka: Kandy, leg. Burr; ♀, Sri Lanka: Kandy, leg. H. Rolle [567]. Valid name: *Lonchodes perlobatus* (BRUNNER).
- perplexus* REDTENBACHER, 1908 [*Asceles*]: 499. Holotype ♀ & ♀ nymph, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [962]. Also in MNHM: Bengalen ? [?]. 2 ♀♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer in ISNB, are possible syntypes.
- perspinosus* BRUNNER, 1907 [*Promachus*]: 299. Syntype ♀, New Holland, "Mus. Amsterdam" [594]. [GÜNTHER (1929: 746), did not regard the specimen as the type]. Not traced in ZMAN. [♂ not traced in either museum]. Valid name: *Pseudopromachus perspinosus* (BRUNNER).
- peruanum* REDTENBACHER, 1906 [*Neophasma*]: 125. Syntype ♀, Peru: Marcapata, leg. Staudinger [204]. Also in coll. Rolle from Bolivia - not traced.
- philippina* REDTENBACHER, 1908 [*Necroscia*]: 563. Holotype ♂, Philippines [alcohol coll. 041/03].

- philippinicus* BRUNNER, 1907 [*Clitumnus*]: 193. Syntype series: 2 ♂♂, Philippines, leg. Thorey [328]. Valid name: *Baculum philippinicum* (BRUNNER).
- phyllocerca* REDTENBACHER, 1908 [*Acrophylla*]: 457. Syntype series: ♂, ♀, New Holland, leg. Thorey; ♂, Australia, leg. Deyrolle; ♀, Australia; ♀, Australia, [18]90, leg. Prinz [According to Redtenbacher specimens are from Adelaide and Melbourne] [870]. Also in MNHN [?]; and in MNMS: New Zealand (?). Valid name: *Ctenomorpha marginipennis* (GRAY, 1833: 27).
- piceipennis* REDTENBACHER, 1906 [*Damasippus*]: 148. Paralectotype ♂, Bolivia: Songo, leg. Staudinger [246]. Lectotype ♀, Brazil: Minas Geraes [designated by WEIDNER (1966: 229)] in ZMUH. Also in ZMUH: label only - ♂, Brazil: Espirito Santo - specimen missing.
- pictus* BRUNNER, 1907 [*Bacunculus*]: 333. Syntype series: ♂, Guatemala: Vera Paz, coll. Godman; ♂, Guatemala, "Mus. Stuttgart" [684]. Also in BMNH: ♂, Guatemala: Senahu, Vera Paz, leg. Champion; ♂, Mexico: Atoyac, Vera Cruz, leg. Schumann [which appears to be a different species]. Not traced in SMNS. Valid name: *Heteronemia picta* (BRUNNER).
- pilicornis* REDTENBACHER, 1908 [*Pharnacia*]: 455. Syntype ♂, Brunei, leg. Staudinger [865]. [Not traced from Sabah: Kina-Balu]. Valid name: *Phobaeticus kirbyi* BRUNNER, 1907: 185.
- piperinus* REDTENBACHER, 1906 [*Prisopus*]: 154, pl. 5: 16. Syntype series: ♀, French Guyana: La Mana, 1864, leg. Mélinon, "Mus. Paris"; ♀, Cayenne, leg. Deyrolle [256]. Also in MNHN: ♀ [Described as a ♂ in error, no ♂ traced].
- plagiata* REDTENBACHER, 1908 [*Pachyscia*]: 531. Syntype series: 3 ♀♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [1051]. [♂ not traced].
- plagiatus* REDTENBACHER, 1906 [*Isagoras*]: 135. Syntype series: ♂, Brazil, "Mus. Berlin"; ♀, Brazil: Bahia; ♂, Brazil; ♂, Brazil: Espirito Santo, leg. Fruhstorfer (& nymph); ♂, Brazil: Espirito Santo, leg. Staudinger; ♂, Brazil: Espirito Santo, leg. Michaelis; ♂ nymph, Brazil: Sta Catharina, leg. Staudinger [222]. Also in MNMS; ZMAS: Brazil: Rio de Janeiro & Espirito Santo; ZMUH: 3 ♂♂, Brazil: Espirito Santo; MNHN: Colombia: Bogota; and in ZMHB: ♂, Colombia: Bogota; BMNH: Panama: Vide Chiriqui, leg. Champion; coll. Rolle from Bolivia - not traced.
- planiceps* REDTENBACHER, 1908 [*Trachythorax*]: 508. Holotype ♀, India: Sikkim, leg. Staudinger [993].
- platycerca* REDTENBACHER, 1908 [*Sosibia*]: 536. Syntype series: ♂, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer; 2 ♂♂, Vietnam: Mt. Mauson, IV. - V., 2,000 - 3,000 ft., leg. Fruhstorfer [1064].
- pleuracantha* REDTENBACHER, 1908 [*Otocrania*]: 424. Syntype series: 2 ♀♀, Brazil: Espirito Santo, leg. Fruhstorfer [822].
- portentosum* BRUNNER, 1907 [*Prisomera*]: 291. Holotype ♂, Borneo, 1898, leg. R. Oberthur, "Mus. Paris" [571]. Valid name: *Lonchodes portentosus* (BRUNNER).
- postpositus* REDTENBACHER, 1908 [*Hypocyrthus*]: 356. Holotype ♀, Mexico, leg. Salle, "Mus. Paris" [718].

- praestans** REDTENBACHER, 1908 [*Diardia*]: 487. Lectotype ♂, Sumatra: Deli [designated by BROCK (1995: 92)] [932]. Also in NHMB: paralectotype ♂, Malaysia: Penang. Valid name: *Phaenopharos struthioneus* (WESTWOOD, 1859: 101).
- praestantior** BRUNNER, 1907 [*Carausius*]: 271. ♀, New Guinea: Key Is., - not traced, although space in collection; presumed missing or misplaced [517]. Also in SMTD: New Guinea; and in ZMUH: ♀, New Guinea: Is. Roon. Valid name: *Leprocaulinus vipera praestantior* (BRUNNER), see GÜNTHER (1934: 83).
- praetermissus** BRUNNER, 1907 [*Bacunculus*]: 333. Syntype ♂, Guatemala, leg. Dr. Candeze [688]. Also in BMNH: ♂, Guatemala: Geronimo, leg. Champion; ♂, Costa Rica, leg. Van Patten; and in SMNS: ♂, No locality. Valid name: *Heteronemia praetermissa* (BRUNNER).
- procerus** BRUNNER, 1907 [*Hyrtacus*]: 302, pl. 13: 8a - d. Syntype series: 2 ♂♂, ♀, New Guinea: Milne Bay, leg. Staudinger; 2 ♂♂, New Guinea, Sattelberg, 1899, leg. Biró [600]. HNHM material from Huon Golf was destroyed in fire.
- prolixa** STÅL, 1875 [*Donusa*]: 94. ? Syntype series: 5 ♂♂, 4 ♀♀, Chile, do not appear to form part of [type] series [144]; Chile [alcohol coll. 117/15]. Also in NHRS: 3 specimens, Chile: Valparaiso [currently on loan - not examined]. Valid name: *Bacunculus prolixa* (STÅL).
- proximus** REDTENBACHER, 1906 [*Isagoras*]: 133. Holotype ♀, Ecuador: Paramba [215].
- pruinosa** REDTENBACHER, 1908 [*Bostra*]: 411, pl. 19: 3. Holotype ♀, Brazil: Belmonte, leg. Thorey [795].
- pseudosipylus** REDTENBACHER, 1908 [*Sipyloidea*]: 546. Likely syntype series: 2 ♀♀, New Guinea, North central coast, leg. Dr. Pösch, [19]04 - 05 [1108]. [Only recorded in ZMHB, but these specimens appear to form part of the type series]. Also in ZMHB: 4 ♀♀, New Guinea, leg. S. Lauterbach. ["Kaiser-Wilhelmsland"].
- puella** REDTENBACHER, 1908 [*Necroscia*]: 563. Holotype ♂, Brunei, leg. Staudinger [1130]. Valid name: *Nescicroa puella* (REDTENBACHER).
- pulcher** REDTENBACHER, 1906 [*Damasippus*]: 148. Holotype ♂, Brazil: Espirito Santo, leg. Fruhstorfer [244].
- punctulata** REDTENBACHER, 1908 [*Calvisia*]: 568. Syntype series: ♀, Brunei, leg. Staudinger; 2 ♀♀, Sabah: Kina-Balu, leg. Staudinger; ♀, no data, leg. Burr [det. as Malaysian by BROCK (1995: 98) - a specimen of *Calvisia clarissima* REDTENBACHER, 1908: 568; Label may have been written in error] [1148].
- pungens** REDTENBACHER, 1906 [*Antongilia*]: 26. Holotype ♂, Madagascar: central Meda, leg. Dr. H. Dohrn [10].
- pygmaea** REDTENBACHER, 1908 [*Achrioptera*]: 440. Syntype series: 2 ♂♂, Madagascar: Antongil, leg. Mocqueris [845].
- quadriguttatus** REDTENBACHER, 1906 [*Prexaspes*]: 130. Holotype ♀, Brazil: Obidos, Amazon, VII. - IX.[18]99, leg. Fruhstorfer [212].

- quadrilobatus* BRUNNER, 1907 [*Menexenus*]: 243. Holotype ♀, ? India: Calcutta, leg. Thorey [458]. [Unnecessary lectotype designation by HAUSLEITHNER (1992: 430)].
- quadrispinosa* HENNEMANN, GEHLER & CONLE, 1995 [*Parapachymorpha*]: 387, figures. Paratype series: 4 ♀♀, Thailand. Holotype ♀ in ZMHB & 4 ♀♀ paratypes. Also in BMNH: 4 ♀♀; SMNS: 4 ♀♀; ZSMC: 4 ♀♀; and in private collections.
- quadrispinosa* REDTENBACHER, 1908 [*Sosibia*]: 535. Holotype ♂, Sri Lanka, leg. Br. Ransonnet [1065].
- quadrispinosus* REDTENBACHER, 1906 [*Ceroys*]: 61. Holotype ♂, Colombia, leg. Staudinger [64].
- quadrituberculata* REDTENBACHER, 1906 [*Antongilia*]: 26. Syntype series: 2 ♀♀, Madagascar: Antongil, leg. Mocqueris [8]. Also in ZMUH: ♀.
- rabdotula* BRUNNER, 1907 [*Libethra*]: 307. Syntype series: ♂, 2 ♀♀, Colombia: Bogota, leg. Steinheil [610]. Also in ZMHB: ♂, Colombia: Bogota, leg. Lindig.
- rarospinosa* BRUNNER, 1907 [*Dyme*]: 327. Syntype series: ♀, Peru: Santo Domingo, 6,000 ft., leg. Rosenberg; ♀, Peru: Marcapata, leg. Staudinger; ♀, Chile, leg. Staudinger [666]. HNHM material from Bolivia: Yungas de la Paz was destroyed in fire. Valid name: *Bacteria rarospinosa* (BRUNNER).
- recedens* BRUNNER, 1907 [*Promachus*]: 298. Syntype series: ♂, ♀, New Guinea, "Mus. Stuttgart" [587]. Also in SMNS: 2 ♂♂, ♀, New Guinea; and in ZMHB - not traced. Valid name: *Neopromachus recedens* (BRUNNER).
- recessa* BRUNNER, 1907 [*Cuniculina*]: 207. Holotype ♀, New Guinea: Key Is., Rohde, leg. Fruhstorfer [367]. Valid name: *Baculum recessum* (BRUNNER).
- recessum* REDTENBACHER, 1908 [*Centema*]: 490, pl. 24: 6. Syntype ♀, Java: Mt. Gede, 4000 ft., 1896, leg. Fruhstorfer [944]. Also in ZMAS; and in SMNS - not traced. Valid name: *Centophasma recessum* (REDTENBACHER).
- reclusa* BRUNNER, 1907 [*Dyme*]: 327. Syntype series: 2 ♀♀, Mexico, leg. Deyrolle; 2 ♀♀, Mexico: Bilinek [665]. Also in MHNG: ♀, Mexico. Valid name: *Bacteria reclusa* (BRUNNER).
- redempta* REDTENBACHER, 1908 [*Necroscia*]: 562. Holotype ♂, Java, leg. Staudinger [1138]. Valid name: *Nescicroa redempta* (REDTENBACHER).
- redemptus* BRUNNER, 1907 [*Clitumnus*]: 190. Syntype ♂, Moluccas, leg. Depuiset [312]. Also in MNMS: Obi Is. Valid name: *Baculum redemptum* (BRUNNER).
- redtenbacheri* nom.n. [*Bacteria*]: replacement name for *Bacteria innocens* REDTENBACHER, 1908; secondary homonym of *Bacteria innocens* (BRUNNER, 1907) [*Dyme*].
- reducta* BRUNNER, 1907 [*Gratidia*]: 228. Syntype series: ♀, East Africa: Ukami-Berge, leg. Staudinger; ♀, East Africa: Luitpold Kette, leg. Staudinger [424].
- reductipennis* REDTENBACHER, 1908 [*Diardia*]: 487. Syntype series: ♀, Sabah: Kina-Balu, leg. Rolle; 2 ♀♀, Sabah: Kina-Balu, leg. Staudinger [931].
- reductipennis* REDTENBACHER, 1908 [*Necroscia*]: 561. Syntype series: ♂, South Celebes: Samangu, XI.1895, leg. Fruhstorfer; ♂, Celebes: Dongola, [18]94, leg. Kükenthal [1144]. Valid name: *Nescicroa reductipennis* (REDTENBACHER).

- reductus** BRUNNER, 1907 [*Carausius*]: 269. Holotype ♀, New Holland, "Mus. Amsterdam" [504]. Not traced in ZMAN, type specimen retained by NHMW. Valid name: *Leprocaulinus vipera* (KAUP, 1871: 39).
- reductus** BRUNNER, 1907 [*Lonchodes*]: 261. Holotype ♂, Indonesia: Is. Buru, leg. H. Kühne [497].
- regina** BRUNNER, 1907 [*Cuniculina*]: 201. Syntype series: ♀, Vietnam: Than-Moi, leg. Fruhstorfer; ♀, Vietnam: Mt. Mauson, leg. Fruhstorfer [343]. [♂ not traced]. Valid name: *Baculum reginum* (BRUNNER).
- regina** BRUNNER, 1907 [*Metentoria*]: 211. Syntype series: 2 ♀♀, Vietnam: Than-Moi, leg. Fruhstorfer [377].
- regula** BRUNNER, 1907 [*Cuniculina*]: 201. Syntype series: 2 ♀♀, Vietnam, Than-Moi, leg. Fruhstorfer [344]. Valid name: *Baculum reginum* (BRUNNER).
- regularis** BRUNNER, 1907 [*Libethra*]: 308. Syntype ♀, Trinidad: Port of Spain, "Mus. Hamburg" [615]. Also in ZMUH: 2 ♀♀, Trinidad: Port of Spain. HNHM material from Mexico was destroyed in fire.
- relicta** REDTENBACHER, 1908 [*Diardia*]: 486. Syntype ♂, Sumatra, 1889, leg. Dr. Mösrh [925]. Also in ETHZ: Schulthess coll: Sumatra [Presumably including the ♀]; and in ISNB: 2 ♂♂, Java: Malang, leg. Wiederhald.
- remanens** BRUNNER, 1907 [*Dixippus*]: 281. Holotype ♂, Solomon Is.: Isabel Is., Albatros, 15.II.1897 [550]. Valid name: *Chondrostethus woodfordi* (KIRBY, 1896: 455).
- repudiosa** BRUNNER, 1907 [*Stheneboea*]: 249. Holotype ♀, Malaysia: (Kelantan), leg. Rolle [469]. Valid name: *Prisomera repudiosa* (BRUNNER).
- resignata** REDTENBACHER, 1908 [*Necroscia*]: 560. Holotype ♂, New Holland, leg. Ralsaur [1143]. Valid name: *Nescicroa resignata* (REDTENBACHER).
- retracta** REDTENBACHER, 1908 [*Sosibia*]: 537. Syntype series: ♂, Kalimantan "South Borneo", leg. Fruhstorfer; ♀, Sabah: Kina-Balu, leg. Staudinger [1066]. Also in MNHN: ♀, Borneo, 1891, leg. Chaper.
- ribbei** BRUNNER, 1907 [*Carausius*]: 272. Syntype series: 2 ♀♀, Solomon Islands: Is. Shortland, leg. C. Riobe [511]. Valid name: *Chondrostethus woodfordi* (KIRBY, 1896: 455).
- rigida** REDTENBACHER, 1908 [*Pharnacia*]: 453. Holotype ♀, Sumatra: Mt. Battak, leg. Fruhstorfer [862].
- rigidus** REDTENBACHER, 1908 [*Leprocaulus*]: 473. Syntype series: ♀, D[eu]tsch. New Guinea; ♀, New Guinea, north coast, IV.[19]05, leg. Dr. Pöch [917]. Valid name: *Leprocaulinus vipera* (KAUP, 1871: 39).
- rivalis** BRUNNER, 1907 [*Clitumnus*]: 194. Syntype series: ♀, Sri Lanka, leg. Dr. Haly; 2 ♀♀, Sri Lanka, 1891, leg. Heuser; ♀, Sri Lanka: Peradeniya [330]. Also in ZMAS. Valid name: *Baculum rivalis* (BRUNNER).
- rivalis** REDTENBACHER, 1908 [*Neocles*]: 505, pl. 25: 5. Syntype series: ♂, ♀, ♀ nymph, Sabah: Kina-Balu, leg. Staudinger [984]. Valid name: *Neocles simyra* (WESTWOOD, 1859: 105).

- robustior** REDTENBACHER, 1908 [*Aruanoidea*]: 526. Holotype ♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [1038]. Valid name: *Necroscia robustior* (REDTENBACHER).
- rollei** BRUNNER, 1907 [*Libethra*]: 306. Syntype series: ♂, 2 ♀♀, Bolivia: Yungas de la Paz, leg. Rolle [607].
- roseipennis** REDTENBACHER, 1906 [*Stratocles*]: 107. Holotype ♂, Colombia, leg. Steinheil [158].
- roseonotata** REDTENBACHER, 1908 [*Sipylloidea*]: 544. Syntype series: 2 ♂♂, Moluccas, leg. Depuiset [1082]. Also in ZMUH: 3 ♂♂, Is. Roon.
- rostrata** REDTENBACHER, 1908 [*Sipylloidea*]: 550. Syntype ♀, Celebes: Sula Mangoli, X. - XI., leg. Doherty, ex. coll. Fruhstorfer [1090]. Also in MNMS: N. Celebes: Minabassa. Valid name: *Sipylloidea (Hemiplasta) stylicera* BATES, 1865: 355.
- rotundatogibbosa** REDTENBACHER, 1908 [*Marmessoidea*]: 511. Syntype series: ♂, ♀, Sarawak: Baramfluss, leg. Kükenthal [alcohol coll. 014/01].
- rotundatolobatus** BRUNNER, 1907 [*Carausius*]: 275. Syntype ♂, India: Trichinopoly, Madura, leg. Pantel [525]. Also in MNHN: ♂♂, same data.
- rubeola** REDTENBACHER, 1908 [*Aruanoidea*]: 527. ? Holotype ♂, Borneo, leg. Grabowsky [1040]. [The description refers to "Mindai", casting doubt on whether the specimen is the type]. Valid name: *Necroscia rubeola* (REDTENBACHER).
- rubrifemur** BRUNNER, 1907 [*Prisomera*]: 291. Holotype ♂, Philippines [not "Borneo"]: Balabac, leg. Staudinger [570]. Valid name: *Lonchodes rubrifemur* (BRUNNER).
- rubripes** REDTENBACHER, 1908 [*Leosthenes*]: 438. Syntype ♀ & ♀ nymph, New Guinea, Sattelberg, Huon Gulf, 1899, leg. Biró [842]. Also in coll. Staudinger - not traced. HNHM material was destroyed in fire.
- rudis** REDTENBACHER, 1908 [*Leprocaulus*]: 473. Holotype ♀, D[eu]tsch. New Guinea [918]. Valid name: *Leprocaulinus vipera bituber* (SHARP, 1898: 82), see GÜNTHER (1934: 83).
- rufescens** REDTENBACHER, 1908 [*Calvisia*]: 570. Holotype ♂, Sumatra: Is. Lingga, leg. Fruhstorfer [1154].
- rufescens** REDTENBACHER, 1908 [*Sipylloidea*]: 546. Holotype ♂, South Celebes: Patuhuang, I. 1896, leg. Fruhstorfer [1106].
- ruficornis** REDTENBACHER, 1906 [*Dina*]: 86. Syntype series: 2 ♂♂, 2 ♀♀, Sabah: Kina-Balu, leg. Staudinger [120]. Also in ZMAS from Sabah: Kina-Balu; and in MNHN: ♀, India: Balasore. [Designation of lectotype believed to be in press]. Valid name: *Dinophasma ruficornis* (REDTENBACHER).
- rufipectus** BRUNNER, 1907 [*Acacus*]: 252. Holotype ♂, West Thailand: Kanbum, IV., leg. Fruhstorfer [483].
- rufipes** REDTENBACHER, 1906 [*Phasma*]: 120. Syntype series: 2 ♂♂, ♀, Peru: Cumbase, leg. Staudinger; 2 ♀♀, Peru: Tarapoto, Alto-Amazonas, leg. Staudinger [187]. Valid name: *Pseudophasma rufipes* (REDTENBACHER).



- rufipes* REDTENBACHER, 1906 [*Stratocles*]: 103. ? Holotype ♀, Colombia: Medellin, 6,000 ft., leg. Damel [150]. [Locality recorded as 'Antioquia', but no specimen(s) traced].
- rugosa* REDTENBACHER, 1906 [*Anisomorpha*]: 93, pl. 3: 16-17. Syntype series: ♂, ♀, Bolivia: Jacintha, leg. Staudinger; ♂, Bolivia: San Antonio, leg. Staudinger [136]. [Another ♀ lacks a determination label].
- rugosa* BRUNNER, 1907 [*Libethra*]: 309. Holotype ♀, Ecuador: Santa Inez, leg. H. Rolle [619].
- rugosus* BRUNNER, 1907 [*Carausius*]: 275. Holotype ♂, Vietnam: Than-Moi, leg. Fruhstorfer [524].
- rulanda* REDTENBACHER, 1908 [*Asceles*]: 497. Syntype series: ♀, Philippines: Luzon, leg. Staudinger; ♀, Indonesia: Is. Buru, leg. Doherty, ex. coll. Fruhstorfer; ♂, New Guinea, leg. Staudinger; ♀, New Guinea, "Mus. Amsterdam" [973]. Also in ZMHB: ♀, New Guinea: Rohde; and in MNHN: ♂, New Caledonia, 1875. HNHM material from New Guinea was destroyed in fire.
- rusticum* BRUNNER, 1907 [*Prisomera*]: 288, pl. 13: 2. Holotype ♀, Sabah: Kina-Balu, leg. Staudinger [560]. Valid name: ? *Lonchodes hosei* (KIRBY, 1896: 457).
- rusticus* REDTENBACHER, 1908 [*Asceles*]: 499. Holotype ♀, Java, leg. Staudinger [964].
- saginata* REDTENBACHER, 1906 [*Dina*]: 86. Syntype series: ♂, Sabah: Kina-Balu, leg. Staudinger; ♀, Borneo, leg. Dr. Dohrn [121]. Also in MNHG: ♂, Brunei, leg. Staudinger. [Designation of lectotype believed to be in press]. Valid name: *Dinophasma saginata* (REDTENBACHER).
- sagitta* REDTENBACHER, 1908 [*Pharnacia*]: 454, pl. 22: 2. Holotype ♀, Borneo, leg. Dohrn [866]. Valid name: *Phobaeticus kirbyi* (BRUNNER, 1907: 185).
- sakavalanum* REDTENBACHER, 1906 [*Parectatosoma*]: 165. Syntype ♂, Madagascar: Sakavalana, "Mus. Paris" [277]. Not traced in MNHN [♂ also described - not traced].
- salamandra* STÅL, 1875 [*Canachus*]: 91. Holotype ♂, New Caledonia, leg. Boucard [706]. [Also ♀, New Caledonia, leg. Andre, described by REDTENBACHER (1908: 347)].
- sanctuluciae* REDTENBACHER, 1908 [*Clonistria*]: 405. Holotype ♀, St. Lucia, "Mus. Paris" [785]. Not traced in MNHN, specimen believed to have been retained in NHMW.
- sanguineoligatus* BRUNNER, 1907 [*Dixippus*]: 280. Syntype series: 3 ♂♂, Sabah: Kina-Balu, leg. Staudinger [538]. Valid name: *Carausius sanguineoligatus* (BRUNNER).
- sanguinolenta* BRUNNER, 1907 [*Dyme*]: 325. Syntype series: 2 ♂♂, Brazil: S. Paolo, leg. Staudinger [655]. Valid name: *Bacteria sanguinolenta* (BRUNNER).
- sansibara* STÅL, 1875 [*Gratidia*]: 70. Syntype series: 2 ♂♂, 3 ♀♀ & nymph, Zanzibar, leg. Hildebrandt [392].
- sarasini* REDTENBACHER, 1908 [*Dimorphodes*]: 367. Holotype ♀, Central Celebes, leg. Dr. Sarasin [732]. Valid name: *Dimorphodes prosthesis sarasini* (REDTENBACHER), see GÜNTHER (1934: 88).

- sartoria* BRUNNER, 1907 [*Libethra*]: 306. Syntype series: 6 ♂♂, 3 ♀♀, Ecuador: Balzapamba, leg. Rolle; ♂, ♀, Ecuador: Balzapamba, leg. R. Haensch. S; ♀, Ecuador: Santa Inez, leg. Rolle; ♂, 2 ♀♀, Ecuador: Banos, leg. Rolle; ♀, Ecuador: Archidona, leg. Rolle; ♀, Ecuador: Quito [606]. Also in ANSP: ♂, Ecuador: Santa Inez, leg. R. Haensch. S.
- saussurei* REDTENBACHER, 1906 [*Heteropteryx*]: 171. Syntype ♀, Brunei, 1871 [listed as "Borneo" by REDTENBACHER] [285]. Also in MHNG ♀, "Sunda Is."; leg. Guerin; MCSN: ♀, Sarawak, 1865, leg. Doria. HNHM material from Borneo was destroyed in fire. Valid name: *Haaniella saussurei* KIRBY, 1904: 397.
- scaberrimus* REDTENBACHER, 1906 [*Pseudoleosthenes*]: 159, pl. 6: 3. Syntype series: 2 ♀♀, Madagascar: Sikora [264]. Also in MNHN - coll. Finot [?].
- scabra* REDTENBACHER, 1906 [*Heteropteryx*]: 171. Syntype series: ♂, Sabah: Kina-Balu, leg. Rolle; ♀, Sabah: Kina-Balu, leg. Staudinger [286]. Also in ZMAS; ETHZ - coll. Schulthess; and in coll. Rolle. Valid name: *Haaniella scabra* (REDTENBACHER).
- scabrinota* REDTENBACHER, 1908 [*Bostra*]: 410. Holotype ♀, Peru: Lima, "Mus. Genf." [= Geneva] [794].
- scabriusculum* REDTENBACHER, 1906 [*Neophasma*]: 125. Syntype series: ♀, Peru: Chanchamayo, leg. Staudinger; ♀, Peru: Ob-Mayali u Urubamha, leg. Staudinger [206].
- scolopendra* REDTENBACHER, 1908 [*Monandroptera*]: 391. Syntype ♀, Mauritius [759]. Also in ISNB: ♀, Mauritius, leg. de Robillard.
- secundaria* BRUNNER, 1907 [*Zehntneria*]: 233. Holotype ♀, No locality [437].
- securigera* BRUNNER, 1907 [*Gratidia*]: 226. Syntype series: 2 ♂♂, Kilimandjaro, leg. Höbul; ♂, East Africa: Umba-Nyika, leg. Baumann [415].
- segmentaria* REDTENBACHER, 1908 [*Bacteria*]: 420. Holotype ♂, ? Colombia, "Mus. Dresden" [812].
- semihilaris* REDTENBACHER, 1908 [*Calvisia*]: 571. Syntype ♀, Sabah: Kina-Balu [1149]. HNHM material was destroyed in fire.
- semilobata* REDTENBACHER, 1908 [*Diardia*]: 486. Lectotype ♂, Malaysia: Kuala Kangar, (Perak), 1902, leg. Grubauer [designated by BROCK (1995: 88)]. Paralectotype series: ♂, 2 ♀♀, same date [927]. [note - both ♀♀ det. *Diesbachia tamyris* (WESTWOOD, 1859) by BROCK (1995: 89)]. Valid name: *Diardia diardi* (DE HAAN, 1842: 131).
- semilunaris* REDTENBACHER, 1908 [*Pharnacia*]: 452. Holotype ♀, Java, 1868, leg. Baron Warmsberg [859]. Valid name: *Phobaeticus semilunaris* (REDTENBACHER).
- semoni* BRUNNER, 1907 [*Hyrtacus*]: 302. Syntype series: ♂, ♀, New Guinea, leg. Semoni; ♀, New Guinea: Sattelberg, leg. Staudinger [601]. HNHM material was destroyed in fire, but an egg from "Mus. Budapest" is present in NHMW.
- semoni* BRUNNER, 1907 [*Promachus*]: 294. Syntype series: 2 ♂♂, New Guinea: Simbang, Huon Golf, 1899, leg. Biró; ♀, New Guinea, leg. Semoni; ♂, New Guinea, leg. Fenichel; and ♀, New Guinea [575]. [according to GÜNTHER (1929: 722), there were 2 ♀♀ from New Guinea]. Also in SMTD - not traced; and in ZMHB. HNHM was destroyed in fire. Valid name: *Neopromachus semoni* (BRUNNER).

- senticosa* STÅL, 1875 [*Xerosoma*]: 99. Holotype ♀, Brazil: Bahia, leg. Sommer [239].
- serena* REDTENBACHER, 1908 [*Ocellata*]: 555. Holotype ♂, Sabah: Kina-Balu, leg. Staudinger [1114]. Valid name: *Orthonecroschia serena* (REDTENBACHER).
- seriata* REDTENBACHER, 1908 [*Aruanoidea*]: 522. Holotype ♂, North Borneo, leg. Fruhstorfer [1016]. Valid name: *Necroschia seriata* (REDTENBACHER).
- sericeum* REDTENBACHER, 1906 [*Abrosoma*]: 85. Syntype series: ♀, North Sumatra: Sibulangit, XI. - XII., leg. Fruhstorfer; ♀, Palawan, leg. Staudinger [117]. Also in MNHN from India: Madras [?].
- serratorius* STÅL, 1875 [*Tisamenus*]: 92. Holotype ♀, Philippines, leg. Thorey [38]. Valid name: *Hoploclonia serratoria* (STÅL).
- serratus* BRUNNER, 1907 [*Carausius*]: 271. Syntype series: 2 ♀♀ nymphs, Sumatra: Padang-Bantjang, leg. Rolle [510].
- serripes* REDTENBACHER, 1908 [*Dimorphodes*]: 364, pl. 16: 14 - 15. Syntype series: ♀, New Guinea, leg. Deniseb; ♀, New Guinea: Stephansort, leg. Rolle; ♀, New Guinea, leg. Fruhstorfer; ♀, New Guinea. NE coast, [19]04 - 05, leg. Dr. Poch; ♀ nymph, New Guinea: Milne Bay, leg. Staudinger; ♂, New Guinea: Takar, leg. Fruhstorfer; ♂, New Guinea: Kaiser Wilhelmsland, leg. Schlüter [726]. Also in MCSN: ♀, New Guinea: Paumemterio, IX. - XII.1892, leg. Loria; ZMAN: ♂, Celebes, 1884 [Locality recorded as ? by Redtenbacher]; and in SMTD from Borneo - not traced [Locality appears to be in error]. However, there are ♂, 2 ♀♀, 2 ♀♀ nymphs, New Guinea: K. Wilhelmsland. HNHM material from New Guinea was destroyed in fire. Valid name: *Dimorphodes prosthesis serripes* (REDTENBACHER), see GÜNTHER (1934: 88).
- serrulatus* BRUNNER, 1907 [*Clitumnus*]: 190, pl. 7: 3a-b. Syntype series: 4 ♂♂, 4 ♀♀ & 1 nymph, Java: Tengger-Geb, leg. Fruhstorfer; ♂, Malaysia: Penang, VIII.1889, leg. Fruhstorfer [misidentified ♂ of *Baculum nematodes* (DE HAAN, 1842) det. Brock] [315]. Also in ANSP: ♀, Java; ISNB: ♀, Java, leg. Fruhstorfer; RMT0: 2 ♂♂, Java; and in ZMAN: ♂, Java: Tengger-Geb [18]98, leg. Drescher. HNHM material from Borneo was destroyed in fire. Valid name *Baculum serrulatum* (BRUNNER).
- setosipes* REDTENBACHER, 1908 [*Diesbachia*]: 488. Holotype ♂, India: Coru Aurora [920].
- severum* BRUNNER, 1907 [*Prisomera*]: 287. Holotype ♀, Java: Mt. Gede, 4,000 ft., 1896, leg. Fruhstorfer [559]. Valid name: *Lonchodes severus* (BRUNNER).
- sexmaculatus* REDTENBACHER, 1906 [*Perliodes*]: 138. Holotype ♀, Brazil: Theresopolis, leg. Michaelis [227]. Valid name: *Olycphides sexmaculatus* (REDTENBACHER).
- signata* REDTENBACHER, 1908 [*Diardia*]: 485. Syntype series: ♂, North Borneo, leg. Fruhstorfer; ♂, Borneo, leg. Grabowsky; ♂, Sabah: Kina-Balu, leg. Staudinger; 2 ♂♂, Sabah: Kina-Balu, "Mus. Petersburg" [937]. Also in MCSN: ♂, Sumatra: Si-Rambé, XII.1890 - III.1891, leg. Modigliani; and in ZMAS. Valid name: *Diardia diardi* (DE HAAN, 1842: 131).

- signator* BRUNNER, 1907 [*Ocnophila*]:** 315. Holotype ♂, Venezuela, leg. Thorey [629].
- signatus* BRUNNER, 1907 [*Arphax*]:** 235. Holotype ♀, Australia: (Queensland), leg. Staudinger [441]. Undescribed ♂, same data, also present.
- sikkimensis* BRUNNER, 1907 [*Dixippus*]:** 280. Syntype series: 2 ♂♂, India: Sikkim, leg. Staudinger [536]. Undescribed ♀, same data, also in collection. Valid name: *Carausius sikkimensis* (BRUNNER).
- simile* REDTENBACHER, 1908 [*Xenophasma*]:** 442. Syntype ♀, Vietnam: Mt. Mauson, leg. Fruhstorfer [848]. Also in MNHN: ♀, Vietnam. Valid name: *Xenophasmina simile* (REDTENBACHER).
- similis* REDTENBACHER, 1906 [*Canuleius*]:** 68. Holotype ♀, Brazil: Theresopolis, leg. Michaelis [115 mm] [75]. Valid name: *Acanthoderus similis* (REDTENBACHER).
- simplex* REDTENBACHER, 1908 [*Anchiale*]:** 461. Holotype ♀, New Guinea: French Isles, leg. Fruhstorfer [875].
- simplex* REDTENBACHER, 1906 [*Antongilia*]:** 26. Syntype series: 4 ♂♂, 4 ♀♀, Madagascar: Antongil, leg. Mocqueris [9]. Also in MNHN [?], ZMUH: 3 ♂♂, ♀ nymph, Madagascar: Antongil; and in ISNB: 1 specimen, Madagascar: Maroancetra, XII.1897, ex. coll. Finot.
- simplex* REDTENBACHER, 1908 [*Aruanoidea*]:** 524. Holotype ♂, North Borneo, leg. Alverett, ex. coll. Fruhstorfer [1029].
- simplex* BRUNNER, 1907 [*Calynda*]:** 329. Syntype series: ♂, Peru: Marcapata, leg. Staudinger; ♂, Peru: Callanga, leg. Staudinger; ♂, ♀, Bolivia: Songo, leg. Staudinger; 2 ♂♂, Bolivia: Mapiri [669].
- simulator* BRUNNER, 1907 [*Promachus*]:** 297. Paralectotype series: ♂, ♀, New Guinea: SE Moroka, 1,300 m., VII. - XI.[18]93, leg. Loria, "Mus. Genova" [584]. **Lectotype** ♂, same data (MCSN), **here designated**. Valid name: *Neopromachus simulator* (BRUNNER).
- sinetyi* BRUNNER, 1907 [*Phobaeticus*]:** 184. Syntype series: ♂, ♀, India: Shembagonor, Madras Prov., ex. coll. Pantel [308]. [Brunner did not refer to any material in NHMW, possibly exchanged with Pantel or retained in NHMW]. Also in MNHN, coll. Pantel: ♂, India: Kodikanel, leg. Decoly; and in 2 ♀♀, India: Shembagonor, Madras Prov.
- singulare* REDTENBACHER, 1906 [*Abrosoma*]:** 85. Syntype series: ♂, ♀, Kod, 189?, leg. Decoly [118]. Also in MNMS; and in MNHN ♂, 3 ♀♀ [Only listed from MNMS, but specimens mentioned appear to be part of the type series].
- siremps* REDTENBACHER, 1908 [*Aruanoidea*]:** 523. Syntype series: 2 ♂♂, Sumatra: Si-Rambé, "Mus. Genova" [1019]. Also in MCSN: ♀, Sarawak, 1865 - 66, leg. S. Doria. Valid name: *Necroscia siremps* (REDTENBACHER).
- smaragdinum* REDTENBACHER, 1906 [*Ascepasma*]:** 76. Holotype ♂, Borneo, leg. Boucard [92]. [Measurement for damaged specimen, estimated by Redtenbacher at between 50-55 mm] Valid name: *Aschiphasma smaragdinum* (REDTENBACHER).

- socia* BRUNNER, 1907 [*Libethra*]: 309. Holotype ♀, Colombia: New Granada, leg. Sulkowsky [618].
- solitarius* REDTENBACHER, 1908 [*Ectus*]: 437. Holotype ♀, Australia: Swan River, (Western Australia), leg. Dämel [843]. Valid name: *Acanthomima solitaria* (REDTENBACHER).
- sophiae* REDTENBACHER, 1908 [*Diesbachia*]: 488, pl. 25: 3. Syntype series: ♂, ♀, Sabah: Kina-Balu, leg. Staudinger [921]. [Not traced from Sumatra]. Also in ZMHB: Sabah: Kina-Balu.
- specifica* BRUNNER, 1907 [*Gratidia*]: 224. Holotype ♂, Mozambique, [18]92, leg. Dr. Fischer [402]. [A further ♂ and ♀, from South Africa, leg. Dr. Penther, appear to have been excluded from the description].
- spectabilis* REDTENBACHER, 1908 [*Pharnacia*]: 453. Holotype ♀, Sri Lanka, leg. Dr. Haly [863]. Valid name: *Phobaeticus spectabilis* (REDTENBACHER).
- spectatus* BRUNNER, 1907 [*Lonchodes*]: 258. Paralectotype ♂, New Guinea: Sattelberg, leg. Staudinger [487]. Lectotype ♂ in MCSN: New Guinea: Fiuma, 1894, here designated.
- sphalera* REDTENBACHER, 1908 [*Cercophylla*]: 531. Holotype ♀, ♀ nymph, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [1053].
- spinicollis* REDTENBACHER, 1906 [*Damasippoides*]: 159. Holotype ♀, Madagascar: Antongil [263].
- spinicorne* STÅL, 1875 [*Entoria*]: 210. Holotype ♀, India: Silhet [376]. Valid name: *Rhamphophasma spinicornis* (STÅL).
- spinossissima* BRUNNER, 1907 [*Stheneboea*]: 248, pl. 11: 5. Holotype ♂, Sri Lanka, leg. F. Sarasin [465]. Valid name: *Prisomera spinosissima* (BRUNNER).
- spinosissimum* REDTENBACHER, 1908 [*Centema*]: 490, pl. 24: 5. Syntype series: ♂, ♀, Java, leg. Fruhstorfer; ♂, W.Java: Sukabuni, leg. Fruhstorfer [945]. Also in ANSP: ♀, Java & ISNB: 1 specimen, Java: Pengalengen, 4000 ft., 1893, leg. H. Fruhstorfer. Valid name: *Centrophasma spinosissimum* (REDTENBACHER).
- spinolobatus* REDTENBACHER, 1908 [*Pericentrus*]: 353. Holotype ♀, without locality, "Mus. Dresden" [714]. Nymph not traced in BMNH from Panama: Chiriqui.
- spinosus* BRUNNER, 1907 [*Carausius*]: 274. Holotype ♀, Malaysia: Kuala Kangsar (Perak), 1902, leg. Grubauer [521].
- spinulosa* HAUSLEITHNER, 1991 [*Phasgania*]: 230. Holotype ♂, Sabah: Sinsuran, Mile 32, 17. VIII. 1981, leg. C. L. Chan & L. Chin [No ref. number allocated]. Valid name: *Phenacephorus spinulosus* (HAUSLEITHNER).
- spinulosus* REDTENBACHER, 1908 [*Pterinoxylus*]: 428, pl. 20: 3. Syntype ♂, Panama: Chiriqui, leg. Staudinger [825]. Also in BMNH: ♂, Panama: Chiriqui, leg. Champion. [♀ nymph not traced].
- spurcata* REDTENBACHER, 1908 [*Calvisia*]: 570. Syntype series: 2 ♀♀, Java: Malang, leg. Staudinger [1162].

- spurcum* BRUNNER, 1907 [*Prisomera*]: 286. Holotype ♀, Java: Mt. Gede, 4,000 ft., 1896, leg. Fruhstorfer [557]. Valid name: *Lonchodes spurcus* (BRUNNER).
- squamigera* REDTENBACHER, 1906 [*Antongilia*]: 27, pl. 2: 12 - 13. Syntype series: 2 ♂♂, ♀, 2 nymphs, Madagascar: Antongil, leg. Mocqueris [11]. Also in MNHN: ♂, Madagascar: Tamatave.
- staudingeri* REDTENBACHER, 1906 [*Damasippus*]: 149. Syntype series: ♀, Brazil: Espirito Santo, leg. Staudinger; ♀, Brazil: Espirito Santo, leg. Fruhstorfer [249]. [♂, not traced].
- stenocerca* REDTENBACHER, 1908 [*Eurycnema*]: 469. Lectotype ♀, Australia, leg. Staudinger, here designated. Paralectotype series: ♀, Timor, leg. Kühne [misidentified specimen of *Eurycnema versirubra* SERVILLE, 1838, det. Brock] [886]. Also in MCSN: ♀, Australia: Somerset, (Queensland), leg. L. M. D'Albertis. Not traced in ISNB from Philippines: Menado. [Likely to be a different *Eurycnema* species]; and not traced in ZMHB from Indonesia: Taburi. [Likely to be a different *Eurycnema* species]. Valid name: *Eurycnema osiris* (GRAY, 1834: 46).
- stephanus* REDTENBACHER, 1908 [*Paracentema*]: 477. Syntype series: ♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer; 2 ♀♀, same data, leg. Rolle [914].
- stercoraria* REDTENBACHER, 1908 [*Galactea*]: 492. Holotype ♀, Sumatra: Mentawai, Sipora, Sereing, V. - VI.[18]94, leg. Modigliani, "Mus. Genova" [948].
- stigmata* REDTENBACHER, 1908 [*Sipyloidea*]: 546. Holotype ♀, India: Mercara, "Mus. Stuttgart" [1094]. Not traced in SMNS, specimen believed to have been retained in NHMW.
- striatus* REDTENBACHER, 1906 [*Damasippus*]: 149. Syntype series: ♂, ♀, Colombia: Chiriqui, leg. Fröisch; ♀, Colombia: Murzo, leg. Steinheil [250]. Also in ZMHB: Colombia: Bogota.
- strumosa* BRUNNER, 1907 [*Paradiapheromera*]: 317. Syntype series: 2 ♂♂, Panama: Chiriqui, leg. Staudinger [not "Peru"] [634]. Also in MNHN [?] from Panama: Darien. Valid name: *Oncotophasma martini* (GRIFFINI, 1896: 10).
- strumosa* REDTENBACHER, 1908 [*Parasipyloidea*]: 480. Syntype series: ♂, 2 ♀♀, Australia: Richmond River [898].
- strumosus* STÅL, 1875 [*Carausius*]: 64. Syntype series: ♂, ♀, Java, leg. Meyer Dürr [507]. [Stål appears to have excluded a larger ♀ from the type series, in addition to 2 ♀♀, leg. Dr. Candèza].
- strumosus* BRUNNER, 1907 [*Promachus*]: 298, pl. 13: 5a-d. Syntype series: ♂, ♀, New Guinea: Is. Roon, leg. Fruhstorfer [588]. [GÜNTHER (1929: 723) referred to a further ♀ from New Guinea: Sorong, 1875, leg. Bruijn, "Mus. Genova" in NHMW [593], under a 'manuscript' name of *postfactus* as this species. He also linked it with the ♂ holotype of *modestus*]. Also in MNHN, but not traced in MCSN, as the specimen was retained in NHMW. Valid name: *Neopromachus strumosus strumosus* (BRUNNER).
- subapterum* REDTENBACHER, 1906 [*Neophasma*]: 125, pl. 5: 3-4. Syntype series: ♂, ♀, Venezuela: Merida, leg. Boucard [205].

- subcylindricus* REDTENBACHER, 1906 [*Dares*]: 56. Holotype ♀, Vietnam: Mt. Mauson, IV. - V., 2,000 - 3,000 ft., leg. Fruhstorfer [55].
- sublineata* REDTENBACHER, 1908 [*Necrosia*]: 559. Syntype series: 3 ♂♂, Moluccas, leg. Dupuiset; ♀, Borneo, leg. Grabowsky [1128]. [Not traced from "Amboina" or in coll. Staudinger]. Valid name: *Nescicroa sublineata* (REDTENBACHER).
- submarginata* REDTENBACHER, 1908 [*Diacanthoidea*]: 532. Syntype series: ♀, Malaysia: (Perak), "Mus. Hamburg"; ♀, Malaysia: Penang, leg. Deschamps; ♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [1057]. Also in MHNG: 2 ♂♂, Sumatra: Is. Sonde, leg. Dr. H. Dohrn; and in ZMUH - not traced. Valid name: *Diacanthoidea diacanthos* (DE HAAN, 1842: 119).
- submutica* REDTENBACHER, 1908 [*Bostra*]: 409. Holotype ♂, Venezuela [793].
- submutica* BRUNNER, 1907 [*Ocnophila*]: 313. Syntype series: ♀, Peru: Vilcanota, leg. Staudinger; ♀, Mexico: [Baja] California, [18]95, leg. Diguët, "Mus. Paris" [621]. Also in MNHN: Mexico: Baja California [?].
- substrumosus* REDTENBACHER, 1908 [*Hypocyrtus*]: 357. Syntype series: ♀, Mexico, leg. Salle, "Mus. Paris"; ♀, Mexico: Jalapa, "Mus. Hamburg" [719]. Also in BMNH: ♀, Mexico: Rinconada, leg. Shaus; ZMUH: ♂, Mexico: Jalapa; and in MNHN: ♀, Mexico.
- subtilis* REDTENBACHER, 1908 [*Parasipyoidea*]: 480. Holotype ♀, Malaysia: (Perak), leg. Jachau [899].
- subtilis* REDTENBACHER, 1908 [*Sipyoidea*]: 547. Holotype ♂, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [1098]. Valid name: *Sipyoidea menepolemus* (WESTWOOD, 1859: 141).
- superbum* REDTENBACHER, 1906 [*Ascepasma*]: 77. Syntype series: 2 ♂♂, ♀, Sabah: Kina-Balu, leg. Staudinger; ♂, Sarawak, leg. Staudinger; ♀, Borneo: Busan, leg. Burr [93]. Also in MNHN: ♀, Borneo. [Designation of lectotype believed to be in press]. Valid name: *Orthomeria superbum* (REDTENBACHER).
- superfluus* BRUNNER, 1907 [*Clitumnus*]: 194. Holotype ♀, Vietnam: Halang, Ban-Taxeng, 1897, leg. J. M. Bel, "Mus. Paris" [331]. Valid name: *Baculum superfluum* (BRUNNER).
- taeniata* REDTENBACHER, 1908 [*Sipyoidea*]: 545. Syntype series: ♂, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer; ♂, Vietnam: Mt. Mauson, IV. - V., 2,000 - 3,000 ft., leg. Fruhstorfer [1083].
- tenera* REDTENBACHER, 1908 [*Aruanoidea*]: 528. Syntype series: ♀, Malaysia, leg. Deyrolle; 2 ♂♂, Malaysia: (Perak), leg. Jachau; ♂, Malaysia: (Perak), leg. Staudinger; 4 ♂♂, 5 ♀♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [1045]. Also in ZMHB: ♂, Sumatra: Medan; ETHZ: Java - Schulthess coll. Valid name: *Necrosia punctata* (GRAY, 1835: 37).
- tenerima* REDTENBACHER, 1906 [*Tenerella*]: 109. Syntype ♀, Panama: Bugaba, leg. Champion [not "Colombia"] [168]. Also in BMNH: ♀, Panama: Bugaba, leg. Champion. [Note - SHELFORD (1908: 371), only recorded one specimen].

- tereticollis** REDTENBACHER, 1908 [*Necroscia*]: 561. Syntype series: ♂, 2 ♀♀, D[deutsch]-New Guinea, leg. Staudinger; ♂, New Guinea: K. Wilhelmsland, Bongu [1136]. Valid name: *Nescicroa tereticollis* (REDTENBACHER).
- terminalis** REDTENBACHER, 1908 [*Necroscia*]: 561, pl. 27: 6. Syntype series: ♂, North Borneo, leg. Fruhstorfer; ♂, ♀, Borneo, leg. Grabowsky; ♂, 2 ♀♀, Brunei, leg. Staudinger; ♂, 2 ♀♀, Sabah: Kina-Balu, leg. Staudinger; ♀, Borneo: Labuan, leg. Schlüter [1145]. Although not recorded in the type localities, material from Sarawak: Baramfluss, leg. Kükenthal [alcohol coll. 041/02], may be part of the type series. Valid name: *Nescicroa terminalis* (REDTENBACHER).
- tessellata** REDTENBACHER, 1908 [*Gargantuoides*]: 502. Lectotype ♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer [designated by BROCK in press]. Paralectotype series: ♀, ♀ nymph, same data; ♀, Malaysia "Malacca", leg. Deyrolle [977].
- texanus** BRUNNER, 1907 [*Bacunculus*]: 333. Syntype series: ♂, ♀, U.S.A.: Texas, 1875, leg. Boll [685]. Also in ZMHB: ♀, U.S.A.: Dallas, Texas, leg. Boll; and in MNHN: ♀, U.S.A.: New York. Valid name: *Diapheromera persimilis* CAUDELL, 1904: 107.
- thaii** HAUSLEITHNER, 1985 [*Baculum*]: 216. Holotype ♀, Thailand. Paratype series: ♂, ♀, same data [no ref. number allocated].
- thoracicum** BRUNNER, 1907 [*Prisomera*]: 289. Holotype ♀, Malaysia: (Perak), leg. Jachau [561]. Valid name: *Lonchodes geniculatus* GRAY, 1835: 19.
- tibialis** BRUNNER, 1907 [*Libethra*]: 308. Holotype ♂, Ecuador: Santa Inez, leg. R. Haensch S. [613].
- tonkinensis** BRUNNER, 1907 [*Lonchodes*]: 259. Syntype series: ♂, ♀, Vietnam: Than-Moi, leg. Fruhstorfer; ♀ nymph, Vietnam: Mt. Mauson, leg. Fruhstorfer [488]. 4 specimens in ISNB, from Than-Moi, are likely syntypes.
- tonkinensis** REDTENBACHER, 1908 [*Paramyronides*]: 478. Syntype ♀, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [910]. Also in ISNB: ♀, same data.
- transiens** REDTENBACHER, 1908 [*Candaules*]: 539, pl. 26: 7. Syntype series: 6 ♂♂, 6 ♀♀, Java: Tengger-Geb; ♀, Java: Malang, leg. Staudinger; ♂, Java: Pengalengan, 4000 ft., 1893, leg. Fruhstorfer, ex. coll. Karny [1072]. Also in ANSP: ♂, ♀, Java, leg. Zehntner, "Mus. Geneva"; ♂, Java: Simpax, 17.X.1899; ZMHB - not traced; ZMUH: 11 ♂♂, 5 ♀♀, 5 nymphs, Java: Tengger-Gebirge; and in MHNG: 13 ♂♂, Java, leg. Zehntner. HNHM material was destroyed in fire. Valid name: *Lopaphus transiens* (REDTENBACHER).
- transiliens** BRUNNER, 1907 [*Carausius*]: 275. Syntype series: 2 ♂♂, West Sumatra, leg. Fruhstorfer; ♂, No locality [528]. Also in NHMB: Sumatra: Indragiri. Valid name: *Carausius nodosus* (DE HAAN, 1842: 133).
- transvaalensis** REDTENBACHER, 1908 [*Palophus*]: 396. Syntype ♀, Transvaal, leg. Hartmann [766]. [Specimen is 140 mm, other specimen 130 mm - not traced].
- triangulifera** REDTENBACHER, 1906 [*Oestrophora*]: 124, pl. 5: 2. Syntype series: ♂, Surinam, leg. Deyrolle; ♀, Cayenne, leg. Lefebvre [202]. Also in MNHN [?]; and in MNHG: ♂, Surinam: leg. Jurin.



- tricarinata* BRUNNER, 1907 [*Pachymorpha*]: 216. Syntype series: ♂, Port Natal, leg. Steinheil; ♀, Port Natal, leg. Göbel [385].
- tricolor* REDTENBACHER, 1908 [*Calvisia*]: 570. Lectotype ♀, Sumatra, leg. Staudinger [designated by BROCK (1995: 87)] [1161]. Paralectotype ♀ in MHNG: Brunei. Valid name: *Calvisia hemus* (WESTWOOD, 1859: 154).
- trilineatus* BRUNNER, 1907 [*Clitumnus*]: 191, pl. 8: 2a-b. Syntype series: 3 ♂♂, ♀, Sri Lanka, leg. Sarasin; 2 ♂♂, Sri Lanka, leg. Dr. Haly; ♂, Sri Lanka, "Mus. Hamburg"; 2 ♂♂, Sri Lanka: Peradeniya; ♂, Sri Lanka, leg. Schilling; ♀, Sri Lanka, leg. Fruhstorfer; several nymphs also present [317]. Valid name: *Baculum trilineatum* (BRUNNER).
- tripinnatus* REDTENBACHER, 1908 [*Pericentrus*]: 352. Holotype ♀, Celebes, leg. Dr. Sarasin [713].
- tristis* REDTENBACHER, 1908 [*Sipylodea*]: 548. Holotype ♂, Philippines [Whilst "Borneo" is recorded on the data label, the locality is Balabac, not "Balabe"]: Balabac, leg. Staudinger [1088].
- triumphalis* REDTENBACHER, 1908 [*Gargantuodea*]: 502. Syntype series: ♂, 2 ♀♀, Malaysia: Kuala Kangsar, (Perak), 1902, leg. Grubauer; ♀, Java: Mt. Gede, 4,000 m., 1896, leg. Fruhstorfer [978]. Also in ZMHB: ♀, Sumatra: Glen Beroi, Beneden Langkat, leg. Ernst von Buren.
- tuberculata* BRUNNER, 1907 [*Ocnophila*]: 313. Holotype ♀, Brazil: Bahia, "Mus. Dresden" [624].
- tubulata* REDTENBACHER, 1908 [*Bacteria*]: 416. Holotype ♂, Chile: Valparaiso, ex. Mus. Godeffroy [alcohol coll. 020/06].
- tumescens* BRUNNER, 1907 [*Dixippus*]: 279. Syntype ♂, Borneo, leg. Xántus [542]. HNHM material was destroyed in fire. Valid name: *Carausius tumescens* (BRUNNER).
- tumescens* REDTENBACHER, 1908 [*Necroscia*]: 560. Syntype series: 2 ♂♂, Moluccas, leg. Depuiset; ♀, Batjan, leg. Stevens; 2 ♂♂, leg. Burr; ♀, Batjan, 1894, leg. W. Kükenthal [1141]. [The syntypes in NHMW include two species]. Not traced in ZMHB from New Guinea: Friedrich-Wilhelmshafen. Valid name: *Nescicroa tumescens* (REDTENBACHER).
- uncinatus* BRUNNER, 1907 [*Carausius*]: 275. Holotype ♂, Malaysia, (Perak), leg. Jachau [not "India"] [529]. Valid name: *Carausius spinosus* BRUNNER.
- undulatus* REDTENBACHER, 1908 [*Asceles*]: 497. Holotype ♀, West Sumatra [954].
- unicolor* REDTENBACHER, 1906 [*Anisomorpha*]: 92. Syntype series: ♂, ♀, Peru: Licuani, leg. Staudinger [128].
- unidentata* BRUNNER, 1907 [*Libethra*]: 307. Holotype ♂, Brazil, leg. Tarnier [608].
- unilineatus* REDTENBACHER, 1906 [*Damasippus*]: 149. Syntype series: 2 ♂♂, Brazil: New Freiburg, leg. Thorey [247].
- unilineatus* REDTENBACHER, 1906 [*Phalces*]: 28, pl. 3: 2. Holotype ♂, Madagascar: central Meda, leg. Dr. H. Dohrn [14].

- unilobata** BRUNNER, 1907 [*Calynda*]: 330. Syntype series: ♂, ♀, Bolivia: Ontonio, leg. Staudinger [Not traced from "Songo", the only locality mentioned by Brunner] [671].
- unispinosa** REDTENBACHER, 1908 [*Diacanthoidea*]: 532. Syntype series: ♂, 3 ♀♀, North Borneo, leg. Fruhstorfer; ♀, Borneo, leg. Boucard; ♀, Sarawak: Lawas, II., leg. Alverett, ex. coll. Fruhstorfer [1055].
- usta** REDTENBACHER, 1908 [*Marmessoidea*]: 513. Holotype ♂, Vietnam: Than-Moi, VI. - VII., leg. Fruhstorfer [1005].
- vacca** REDTENBACHER, 1908 [*Bostra*]: 408. Holotype ♂, Locality not known [792].
- vaginata** REDTENBACHER, 1906 [*Orobia*]: 70. Syntype series: ♂, 2 ♀♀, Madagascar: Antongil, leg. Mocqueris [78]. Also in MNHN: several specimens, Madagascar: Maroancetra; ANSP: ♂, Madagascar: Maroancetra, XII.1897; ZMUH: ♂, ♀, Madagascar, Antongil; and in ISNB: 1 example, Madagascar, Maroancetra, XII.1897, ex. coll. Finot. Valid name: *Leiophasma vaginata* (REDTENBACHER).
- validior** BRUNNER, 1907 [*Dixippus*]: 280. Lectotype ♂, Malaysia: Kuala Kangsar (Perak), 1902, leg. Grubauer [designated by BROCK (1995: 86)]. Paralectotype series: 6 ♂♂, 12 ♀♀, Malaysia: Kuala Kangsar (Perak), 1902, leg. Grubauer; 2 ♂♂, No locality [533]. Valid name: *Lonchodes brevipes* GRAY, 1835: 19.
- validispinus** STÅL, 1875 [*Dares*]: 93. Syntype series: 2 ♂♂, Borneo, leg. Boucard [53].
- validus** REDTENBACHER, 1908 [*Asceles*]: 498. Holotype ♀, Malaysia: (Perak), leg. Jachau [958].
- velutinum** REDTENBACHER, 1906 [*Phasma*]: 121. Syntype series: 2 ♀♀, Peru: Cumbase, leg. Staudinger; ♂, Peru: Marcapata, leg. Staudinger; ♂, Peru, leg. Staudinger [188]. Valid name: *Pseudophasma velutinum* (REDTENBACHER).
- venezuelica** BRUNNER, 1907 [*Libethra*]: 307. Syntype series: 4 ♂♂, ♀, Venezuela: Merida, leg. Boucard [609].
- vepres** BRUNNER, 1907 [*Promachus*]: 298, pl. 13: 6a-b. Paralectotype series: ♂, ♀, 2 ♀♀ nymphs, New Guinea, Sattelberg, leg. Staudinger; ♀, New Guinea, Sattelberg, Huon Golf, "Mus. Budapest", ♀, New Guinea: Simbang, leg. Rosenberg; ♂, New Guinea: Tami Nugudu, 1898, leg. Biró, "Mus. Budapest"; ♀, New Guinea: Sattelberg, Huon Golf, 1899, leg. Biró, "Mus. Budapest"; ♀, New Guinea: Sattelberg, leg. Poech; ♀, New Guinea: Stephansort, Atrolabe Bay, 1899, leg. Biró [589]. Also in: MCSN: **Lectotype ♀**, New Guinea: Katau, leg. L. M. D'Albertis, **here designated**. Paralectotype ♂, same data; SMNS: ♂, New Guinea: Mt. Yales; ZMHB, ZMUH - not traced. HNHM material was destroyed in fire. Valid name: *Neopromachus vepres* (BRUNNER).
- verecunda** BRUNNER, 1907 [*Cuniculina*]: 203. Syntype series: 4 ♀♀, 2 nymphs, Java: Tengger-Geb, leg. Fruhstorfer; ♀, Java, "Mus. Zürich" [353]. Also in ETHZ - coll. Schulthess. HNHM material was destroyed in fire. Valid name: *Baculum verecundum* (BRUNNER).
- vermiculare** REDTENBACHER, 1906 [*Meleophasma*]: 157, pl. 5: 18. Syntype series: ♀, Brazil: Espirito Santo, leg. Fruhstorfer; ♀, Brazil, "Mus. Bern" [261]. Valid name: *Paraprisopus vermiculare* (REDTENBACHER).

- verrucosus** REDTENBACHER, 1906 [*Dares*]: 55, pl. 1: 17-18. Syntype series: ♀, Sabah: Kina-Balu, leg. Staudinger; ♀, North Borneo, leg. Fruhstorfer; ♂ nymph, 2 ♀♀, Sabah: Is. Banguay, leg. Staudinger ["Bangé"] [52]. [Designation of lectotype believed to be in press]. Valid name: *Dares validispinus* STÅL, 1875: 93.
- verruculosa** BRUNNER, 1907 [*Stheneboea*]: 248. Lectotype ♂, Perak, leg. Jachau [designated by BROCK (1995: 86)]. Paralectotype series: 2 ♂♂, Java, leg. Staudinger [466]. Also in MNHG: 9 ♂♂, Java, leg. Zehntner [♀♀ also present in collection]. [Paralectotypes belong to a different species]. Valid name: *Prisomera verruculosa* (BRUNNER).
- versicolor** REDTENBACHER, 1906 [*Ascepasma*]: 77, pl. 4: 1-2. Syntype series: 2 ♂♂, 2 ♀♀, Borneo, leg. Grabowsky [94]. [Designation of lectotype believed to be in press]. Valid name: *Orthomeria versicolor* (REDTENBACHER).
- versicolor** REDTENBACHER, 1906 [*Setosa*]: 66. Syntype ♀, Colombia: Popayan, Cauca, "Mus. Dresden" [69]. [The description indicates at least two specimens, but only one is present in NHMW].
- vestitus** BRUNNER, 1907 [*Promachus*]: 299. Holotype ♂, New Holland, "Mus. Amsterdam" [591]. Not traced in ZMAN - type retained in NHMW. Valid name: *Neopromachus vestitus* (BRUNNER).
- vicinissima** REDTENBACHER, 1908 [*Diardia*]: 485. Syntype ♂ & ♂ nymph, New Guinea: Simbang, Huon Golf, 1899, leg. Biró [935]. Also in ANSP: ♂, New Guinea: Sattelberg, Huon Golf; ♀, New Guinea: Berlinhafen; and in MNMS: ♂, Moluccas. HNHM material was destroyed in fire. [Note - only recorded from HNHM, but specimens obviously retained in NHMW and later exchanged with Hebard in ANSP]. Valid name: *Leprocaulinus insularis* (KIRBY, 1896: 460).
- vidua** REDTENBACHER, 1906 [*Anisacantha*]: 163. Holotype ♀, Madagascar: Antongil, leg. Mocqueris [272].
- vile** BRUNNER, 1907 [*Rhamphophasma*]: 210. Holotype ♀, Vietnam: Mt. Mauson, leg. Fruhstorfer [375].
- villosum** REDTENBACHER, 1906 [*Abrosoma*]: 85. Paralectotype ♂, Malaysia: (Perak), leg. Jachau [114]. [misidentified - det. as ♂ of *Abrosoma festinatum* BROCK & SEOW-CHOEN, 1995: 22]. Lectotype ♀, India: Kodekanel in MNHN, designated by BROCK & SEOW-CHOEN (1995: 27).
- villosus** REDTENBACHER, 1908 [*Asceles*]: 501. Syntype series: ♀, Java, leg. Staudinger; ♀, Borneo, leg. Grabowsky [972].
- violascens** REDTENBACHER, 1908 [*Ocellata*]: 554, pl. 27: 5. Syntype series: 3 ♂♂, 3 ♀♀, Borneo, leg. Boucard. Eggs also present [1116]. Valid name: *Orthonecrosia violascens* (REDTENBACHER).
- virescens** REDTENBACHER, 1906 [*Abrosoma*]: 83. Lectotype ♂, Sri Lanka, leg. Dr. Haly, here designated [36mm, complete except for broken antennae]. Paralectotype series: ♂, Sri Lanka, leg. Dr. Haly; ♀, Sri Lanka. The ♂ from India: Andaman Is., II.1878, is a different species [BROCK in progress] [110]. Also in MHNG from Sumatra - not traced.

- virga** REDTENBACHER, 1908 [*Hermarchus*]: 446. Holotype ♀, Fiji, leg. Daimel [855]. Not traced in MNHN and believed to have been retained in NHMW.
- virgo** BRUNNER, 1907 [*Carausius*]: 269. Syntype series: 2 ♂♂, 3 ♀♀, & 3 nymphs, Java, leg. Staudinger [502]. Also in ISNB: ♀, Java, leg. Fruhstorfer ("var. Major") & SMNS: 1 specimen, Java.
- viridilineatum** REDTENBACHER, 1906 [*Ascepasma*]: 75. Syntype series: 3 ♂♂, West Sumatra: Padang-Bantang, leg. Rolle [87]. Also in ZMUH: ♂, Sumatra: Padang-Pandjong. Valid name: *Aschiphasma viridilineatum* (REDTENBACHER).
- viridinervis** STÅL, 1875 [*Arrhidaeus*]: 68. Holotype ♂, Philippines, leg. Thorey [743]. Valid name: *Ophicrania viridinervis* (STÅL).
- voluptaria** BRUNNER, 1907 [*Gratidia*]: 224. Syntype series: 2 ♂♂, 2 ♀♀, Usambara: Nguelo, leg. H. Rolle; ♂, Usambara: Nguelo; ♂, Zanzibar: Marno, 1878 [405].
- warsbergi** BRUNNER, 1907 [*Cuniculina*]: 203. Holotype ♀, Java, 1868, leg. Baron Warsberg [352]. Valid name: *Baculum warsbergi* (BRUNNER).
- weneri** EBNER, 1933 [*Gratidia*]: 221, fig. 15. Holotype ♂, Sudan: Kadugli, 29.III.1914, leg. Ebner [413].
- wuelfingi** REDTENBACHER, 1908 [*Vetilia*]: 464, pl. 23: 1. Syntype ♀, North Australia, "Mus. Stuttgart" [877]. Also in SMNS: ♀, Australia; and in ZMUH: ♀, North Australia. Valid name: *Acrophylla wuelfingi* (REDTENBACHER).
- xanti** REDTENBACHER, 1906 [*Ascepasma*]: 76. Syntype ♂, Borneo, "Mus. Budapest" [90]. [Redtenbacher did not refer to any material in NHMW, but this specimen has clearly been retained from HHNM]. HHNM material was destroyed in fire. Valid name *Aschiphasma xanti* (REDTENBACHER).
- xenia** REDTENBACHER, 1908 [*Clonistria*]: 405. Syntype series: 3 ♂♂, 2 ♀♀, Locality not known [786].
- zambesica** BRUNNER, 1907 [*Leptinia*]: 231. Syntype ♀, Zambesi, "Mus. Stuttgart" [430]. Also in SMNS: ♂, ♀: Zambesi. Valid name: *Leptynia zambesica* REDTENBACHER.
- zehntneri** REDTENBACHER, 1908 [*Parasipyloidea*]: 479. Syntype ♀, Sri Lanka: Kandy, leg. Humbert, "Mus. Geneva" [894]. Not traced in MHNG, although it is possible that specimen(s) collected by Zehntner may have been present once.

Very few type species recorded from NHMW have not been traced. These are listed below and may eventually be traced in other museum collections. There is a possibility that some specimens are present in the alcohol collection, although they are not properly labelled e.g. there are unidentified species from Mexico, Australia and Calcutta which may be carefully checked against the relevant descriptions.

List of species not traced:

- brevialata** REDTENBACHER, 1908 [*Sipyloidea*]: 545. India: Calcutta [in alcohol].
- brevifemur** BRUNNER, 1907 [*Ocnophila*]: 314. Brazil: Espirito Santo.
- buruensis** BRUNNER, 1907 [*Acacus*]: 252. Is. Buru. Said to be in ZMAS from Batjan. Valid name: *Orxines xiphias* (WESTWOOD, 1859: 71).

*edentata* BRUNNER, 1907 [*Cuniculina*]: 207. Vietnam. Valid name: *Baculum edentatum* (BRUNNER).

*lineatus* REDTENBACHER, 1908 [*Mesaner*]: 538, pl. 27: 3. Australia: Cape York [in alcohol]. Valid name: *Mesaner sarpedon* (WESTWOOD, 1859: 139).

*lineatus* BRUNNER, 1893 [*Paraclitumnus*]: 91, pl. 4: 31. Sri Lanka.

*mirum* REDTENBACHER, 1908 [*Parabactridium*]: 403. Madagascar. Also in MNHM [?].

*nova* REDTENBACHER, 1908 [*Bacteria*]: 417. Mexico [in alcohol]. Also in SMNS from Guatemala.

*perdentatus* BRUNNER, 1907 [*Menexenus*]: 244. Indonesia: Is. Buru.

*sparnius* STÅL, 1875 [*Candaules*]: 87. Malaysia. Valid name: *Lopaphus iolas* (WESTWOOD, 1859: 145).

*spinipes* REDTENBACHER, 1908 [*Gargantuoidea*]: 502. Borneo [in alcohol - possibly the species labelled "*Gargantuoidea* n.sp."].

*stali* REDTENBACHER, 1908 [*Aruanoidea*]: 529. Philippines: Manilla. Valid name: *Necroschia stali* (REDTENBACHER).

*sutoria* STÅL, 1875 [*Libethra*]: 75. Colombia: Bogota.

*tonkinensis* BRUNNER, 1907 [*Promachus*]: 300. Vietnam. Valid name: *Neopromachus tonkinensis* (BRUNNER).

### Discussion

The full list provided should serve the taxonomist and it may also highlight hitherto unknown type material in other museums; a summary of taxonomic problems faced by the specialist is given below:

- i) Until publication of this list, most of the type localities and the number of type specimens have not been known. As a result, one cannot rely on localities listed in BRUNNER & REDTENBACHER'S monograph (1906-08), without examination of all the type series. Whilst occasional errors in such a large manuscript are understandable, many type localities have been excluded, or only the country quoted, instead of precise localities.
- ii) The extent of other museum specimens has, until now, been difficult to interpret, due to Brunner's tendency to record e.g. "coll. m., Mus Amsterdam", which could refer to specimen(s) in NHMW, ZMAN or both museums. In some instances, where descriptions and measurements agree fully, it is likely that specimens were retained in NHMW.
- iii) Males and females have often been separately described and links have yet to be made, resulting in further errors when taxonomists publishing new descriptions do not personally examine relevant type material. The brief descriptions given by Brunner von Wattenwyl and Redtenbacher cannot be relied upon without examination of material.

- iv) Detailed studies on regions e.g. BROCK (1995, and in press) on Peninsular Malaysia and Singapore may reveal numerous new synonyms. This is partly because Brunner and Redtenbacher had not had the opportunity to examine some important collections e.g. BMNH and OXUM, in addition to their tendency to regard slight variation as sufficient to warrant differentiation of species. It is also important to know that some important literature published within 10 years prior to the publication of the monograph has been excluded - in particular the Catalogue of species by KIRBY (1904). As a consequence of the above and my searches of many museum collections, I believe that numerous new synonyms have not yet been reported.
- v) Brunner exchanged type material and other specimens with other museums and well known collectors e.g. I traced several type specimens in ANSP, which had been exchanged with Hebard, who had labelled them as paratypes [= syntypes, as no holotype had been designated]. Further specimens are worth looking for, especially in European museums; indeed, WEIDNER (1966) identified some unreported type material in ZMUH and likewise Vanschuytbroeck & Cools in ISNB [I have indicated several more likely type species in the listings]. Type specimens are labelled in Brunner's handwriting or with his determination labels in many instances; these need to be checked, when possible, to establish whether they were donated or exchanged, as this is rarely recorded in the literature.
- vi) Exactly how many species were loaned by museums to Brunner is poorly known, hence it is difficult to confirm whether insects are part of a type series. However, the MCSN has the advantage of holding a full numbered list of specimens borrowed by Brunner, prior to publication of the monograph. The museum also holds Brunner's handwritten notes on the names he intended using in the monograph, which has enabled specimens to be accurately associated as type specimens (Poggi & Brock in progress. Lectotype designations, where appropriate, have been made by Brock on a visit to the collection).
- vii) Sometimes part of the type series has been misidentified and relates to other species; I have already corrected those relating to the Malaysian fauna. Particular caution should be exercised with specimens from different geographical areas.
- viii) Where "coll. Fruhstorfer" or "coll. Staudinger" is mentioned in the monograph, it is unclear whether this only refers to specimen(s) in Brunner's collection or elsewhere. For instance, Fruhstorfer's labels are frequent in NHMW, MHNG and ISNB and this implies that there could be further type specimens.
- ix) Users of this list will at least be able to check the location of some type material; particularly useful where specimens are missing in other museums, or indeed destroyed - such those originally in HNHM, which were destroyed by fire.

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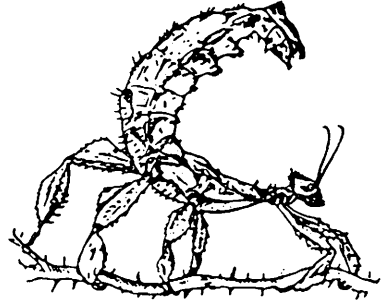
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In addition, numerous works were examined to establish the 'valid names' of taxa.

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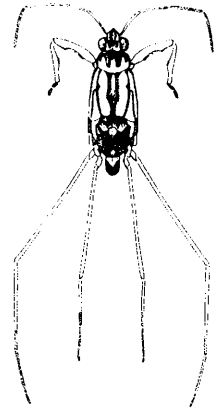
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DAXNER-HÖCK, HAAS & MELLER: 1. Fundstelle, geologischer und sedimentologischer Überblick	1 – 11
SANCHIZ: 2. Amphibia	13 – 29
SZYNDLAR: 3. Serpentes (Reptilia)	31 – 38
MLIKOVSKY: 4. Aves	39 – 42
ZIEGLER: 5. Marsupialia, Insectivora und Chiroptera (Mammalia)	43 – 97
de BRUIJN: 6. Rodentia 1 (Mammalia)	99 – 137
DAXNER-HÖCK: 7. Rodentia 2 und Lagomorpha (Mammalia)	139 – 162
van der MADE: 8. Rhinocerotidae (Mammalia)	163 – 168
RÖSSNER: 9. Ruminantia (Mammalia)	169 – 193
DAXNER-HÖCK, HAAS, MELLER & STEININGER: 10. Palökologie, Sedimentologie und Stratigraphie	195 – 224
<hr/>	
van der MADE: <i>Aureliachoerus</i> from Oberdorf and other Aragonian pigs from Styria	225 – 277
ROGL: Palaeogeographic Considerations for Mediterranean and Paratethys Seaways (Oligocene to Miocene)	279 – 310
WIECZOREK, J.: Nerineaceans from the Ernstbrunn Limestone (Tithonian, Austria)	311 – 329
MLIKOVSKY, J.: A new loon (Aves: Gaviidae) from the Middle Miocene of Austria	331 – 339

### ARCHÄOZOLOGIE

RIEDEL, A.: Archäozoologische Untersuchungen an den Knochenfunden aus der Veterov-Kultur von Böhheimkirchen (Niederösterreich)	341 – 374
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## Annalen des Naturhistorischen Museums in Wien, Band 99B

### Short titles

ASPÖCK & ASPÖCK: Studies on Rhachiberothidae from subsaharan Africa	1
POLHEMUS & ZETTEL: Five new <i>Potamometropsis</i> species from Borneo	21
HECHER: Two new species of <i>Pseudovelgia</i> from Vietnam	41
LANSBURY & ZETTEL: New species and subspecies of the genus <i>Strongylovelgia</i> ESAKI	51
NIESER: A new species of <i>Ranatra</i> from Thailand	79
ZETTEL: One new genus and two new species of Helotrephidae from India	83
FISCHER: Taxonomische Untersuchungen über Kieferwespen der Alten Welt	97
ESPADALER: <i>Leptothorax caesari</i> sp.n., a granivore with apterous males	145
BELUSOV & KABAK: To the knowledge of the Asiatic species of the genus <i>Trechus</i> [Corrections]	151
BOUKAL: A revision of the genus <i>Austrolimnius</i> CARTER & ZECK, 1929	155
FERY & BRANCUCCI: A taxonomic revision of <i>Deronectes</i> SHARP, 1882 (part I)	217
JÄCH: Notes on Asian Ochthebiinae	303
JÄCH: Synopsis of the genus <i>Micragasma</i> SAHLBERG, 1900	313
ROUGEMONT: <i>Dysanabatium</i> Bernhauer, 1915	319
SCHÖDL: <i>Berosus uhligi</i> sp.n. from Namibia	333
LÖDL: Wiederbeschreibung von <i>Ableptina delospila</i> A.E. PROUT, 1927	337
LÖDL: Bemerkungen zur Gattung <i>Xoria</i> NYE	343
LÖDL: Bemerkungen zu <i>Acidon paradoxa</i> HAMPSON, 1896	351
LÖDL: Die systematische Stellung der Gattung <i>Mecistoptera</i> HAMPSON, 1893	355
MAYERL & LÖDL: Checkliste aller Arten der Gattungen <i>Zekelita</i> und <i>Rhynchina</i>	377
NARTSHUK: A revision of the Chloropidae from the Winthem's Collection	387
NARTSHUK: The type specimens of Palaearctic Chloropidae in the Natural History Museum	407
OTT: <i>Adelphos rolandi</i> gen.n. sp.n., from the Caribbean Sea	417
SENZ: Morphologie und klassifikatorische Position einiger anopler Nemertinen	423
BAMINGER: Shell-morphometry of <i>Arianta arbustorum</i> in the Ennstaler Alpen	497
SUBAI: Beitrag zur Kenntnis albanischer und montenegrinischer Ariantinae	521
SCHILEYKO & al.: On the variability of the distal genital tract of <i>Cylindrus obtusus</i>	535
MAURIÈS: Nouvelles données sur le genre <i>Betscheuma</i> collecté à Madagascar	539
FEDERSPIEL & HOFFER: Eine neue Art der Gattung <i>Gymnoscalpellum</i> NEWMAN & ROSS, 1971	555
ABED-NAVANDI & DWORSCHAK: First record of <i>Callianassa truncata</i> in the Adriatic Sea	565
CUMBERLIDGE: The African and Madagascan freshwater crabs in the NHMW	579
LACK: Die Briefe von Ferdinand Bauer aus Australien und ihre Toponyme	591
LACK: Die Frontispize von John Sibthorps "Flora Graeca"	615
LAURIA: The taxonomic status of <i>Pinus washoensis</i> H.MASON & STOCKW.	655
BRAYSHAW: Washoe and Ponderosa Pines on Promontory Hill near Merritt, B.C., Canada	673
WALLNÖFER: A revision of <i>Styrax</i> L. section <i>Pamphilia</i> (MART. ex A.DC.) B.WALLN.	681
ETAYO & BURGAZ: Contribution to the lichen-forming fungi from the Canary Islands	721
BREUSS & BRUNNBAUER: Flechten aus Sri Lanka	727
VEZDA, BRUNNBAUER & BREUSS: Foliicole Flechten aus Sri Lanka	737

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At the XIXth International Congress of Entomology in Beijing in July 1992, negotiations were carried out between representatives of the Natural History Museum, Vienna (Section of Coleopterology) and the Chinese Academy of Sciences (Inst. of Applied Ecology, Shenyang) concerning a thorough survey on the biodiversity of the aquatic and semiaquatic beetles of China. A cooperative agreement (for the years 1993 - 1998) was signed soon after the Congress and the "China Water Beetle Survey" was launched in October 1993 with a joint excursion to Hunan and Guangxi. Numerous research trips to more than 10 provinces followed.

These excursions have shown very clearly, that the water beetle fauna of China is unexpectedly rich in species, many of which were hitherto unknown to science.

The first volume of the "**Water Beetles of China**" contains 24 articles compiled by 20 authors from 11 countries. Three new genera and more than 30 new species are described in this volume. General information, keys, distributional data and comprehensive bibliographies are provided. The book is richly illustrated and contains numerous colour plates. The second volume is scheduled for publication in November, 1998.

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