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## Monograph

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# An annotated type catalogue of the Cerambycidae (Insecta: Coleoptera) in the Zoological Museum Hamburg

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**Abstract.** An annotated catalogue of the type specimens of the family Cerambycidae Latreille, 1802 (Coleoptera) housed at the Zoological Museum of Hamburg (ZMH), Leibniz Institute for the Analysis of Biodiversity Change (LIB) is provided: one holotype and nine secondary types were found deposited at the ZMH. A list of the primary types lost during the bombardment in the Second World War is also provided, including types of 103 names, 14 of Cerambycinae, 87 of Lamiinae, and two of Prioninae. In addition, we report secondary types that have been found, corresponding to names of subspecific rank and unavailable names with infrasubspecific rank.

**Keywords.** Biodiversity, entomological collection, new distributional records, type catalogue, secondary types.

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## Introduction

With approximately five million specimens, the entomological collection of the Zoological Museum of the University of Hamburg (ZMH), now part of the Leibniz Institute for the Analysis of Biodiversity Change (LIB), is among the most important entomological collections in Germany (Simões *et al.* 2021; Zahiri *et al.* 2021). Prior to World War II, the collection contained about one million specimens, with an estimated 10,000 types (Weidner 1979). During the Allied bombing of Hamburg in 1943, major parts of the collection were destroyed, alongside documentation, such as accession books, inventory lists and card catalogues (Weidner 1979; Simões *et al.* 2021).

Later on, seeking to rebuild the collection, the curator Prof. Dr Erich Titschack (1924–1943, 1951–1978) invested in buying collections from diverse places, including an attempt to purchase the collection of René Oberthür (now at the National Museum of Natural History, Paris), one of the largest private collections of beetles at that time. Among the collections that were successfully purchased, was that of Pierre Charles Lepesme (1913–1957) which contained many exotic species, including more than 25,000 specimens of longhorn beetles (Cerambycidae).

Recently, efforts have been made to document and provide detailed catalogs of the types housed in the entomological collections at the ZMH (e.g., Sartori *et al.* 2016; Dey & Husemann 2018a, 2018b; Henningsen *et al.* 2020; Simões *et al.* 2021; Zahiri *et al.* 2021). The longhorn beetle collection was re-curated, systematically revised, organized and taxonomically updated. In order to establish a basis for further research, stabilize nomenclature and update the knowledge regarding this material, we provide a list of primary and secondary type specimens presently deposited at the ZMH, of primary type specimens deposited at the Zoological Museum Hamburg before WWII, but probably lost during the Second World War, and unavailable names published at infrasubspecific rank.

## Material and methods

### Taxonomy

Taxonomic changes were made after studying the relevant type material deposited or registered as deposited at ZMH. Synonyms proposed are listed only if discussed and the type material was examined. Classification follows Monné (2022a, 2022b, 2022c) and Tavakilian & Chevillotte (2022). For a full list of synonyms, please refer to the catalogues mentioned above.

### Type material

Type localities are cited in their original spelling or with additional remarks (in square brackets), if required. All label data was transcribed verbatim as appearing on the respective labels. Double bars (//) separate data on different labels, and a single bar (/) separates lines within each label. Type specimens were provided with an additional red printed label with the following data “HOLOTYPE [or other respective category] | genus name in original combination | species name | author, year | Pablo *et al.* des. 2022”. Images of all the existing type specimens are provided. Labels were added, starting with the code “ZMH” and followed with the registration number. Additional comments are placed in square brackets. Subspecific names, published after 1961, where the author expressly used one of the terms “variety” or “form” (including use of the terms “var.”, “forma”, “v.” and “f.”), were listed as invalid, following the International Commission on Zoological Nomenclature (ICZN 1999: Article 45.6.4).

### **Institutional abbreviations**

Institutional abbreviations cited in the text follow Evenhuis (2014).

BMNH = Natural History Museum (formerly British Museum, Natural History), London, UK

IRSNB = Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium

MNHN = Muséum national d'histoire naturelle, Paris, France

NHMB = Naturhistorisches Museum Basel, Basel, Switzerland

ZMH = Zoological Museum Hamburg

ZSMC = Zoologische Staatssammlung des Bayerischen Staates, Munich, Germany

### **Results**

Class Insecta Linnaeus, 1758

Order Coleoptera Linnaeus, 1758

Suborder Polyphaga Emery, 1886

Superfamily Chrysomeloidea Latreille, 1802

Family **Cerambycidae** Latreille, 1802

#### ***Primary type specimen deposited at the Zoological Museum Hamburg***

Subfamily Lamiinae Latreille, 1825

***Ites colasi*** Lepesme, 1943

Figs 1–2

*Ites colasi* Lepesme, 1943: 135.

#### **Holotype**

FRENCH GUIANA • ♂; “Guyane Fr. / Maroni / Coll. LeMoult // Ites Type / Colasi n.sp. / P. Lepesme det. // TYPE // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 824639”; ZMH 824639.

#### **Type locality**

Guyane, Maroni [French Guiana].

#### **Current status**

Valid species.

#### ***Secondary type specimens deposited at the Zoological Museum Hamburg***

Subfamily Lamiinae Latreille, 1825

***Acridoschema favareli*** Le Moult, 1938

Figs 3–4

*Acridoschema favareli* Le Moult, 1938: 30.

#### **Paratypes**

GABON • 1 ex.; “GABON / BAS-OGOOUÉ // COLL<sup>on</sup> LE MOULT / Naturaliste, Paris // COTYPE // *Acridoschema* / Favareli / Le Moult / P. Lepesme det. // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 824657”; ZMH 824657 • 4 exs; “GABON / BAS-OGOOUÉ // COLL<sup>on</sup> LE MOULT / Naturaliste,

Paris // COTYPE // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // [ZMH 824658-824661]”; ZMH 824658-824661.

**Type locality**

Bas Ogooué, Gabon.

**Current status**

Junior synonym of *Acridoschema capricorne* Thomson, 1858.

**Remarks**

Although Le Moulton (1938) only stated that the holotype is deposited in his collection (now at the IRSNB) and did not refer to paratypes, he gave a range of sizes in the original description, showing that there was more than one specimen (paratypes).

*Cyclopeplus peruvianus* Tippmann, 1939  
Figs 5–6

*Cyclopeplus peruvianus* Tippmann, 1939: 77.

*Cyclopeplus peruvianus* ab. *coeruleometallescens* Tippmann, 1939: 77.

*Cyclopeplus peruvianus* ab. *submetallicus* Tippmann, 1939: 77.

*Cyclopeplus peruvianus* ab. *thoracicus* Tippmann, 1939: 77.

*Cyclopeplus peruvianus* ab. *viridemetallescens* Tippmann, 1939: 77.

**Paratypes**

PERU • 1 ♀; “Satipo 1938 / PERU 1938 / TIPPMANN, WIEN // Satipo / PERU // =TIPPMANN / XI. 1938 // ♀ // COTYPE // Peru / 1938 // Coll. E. Ross / Berlin N. 58 // Cyclopeplus / peruvianus / 370.) Tippm. / Peru. // ZMH 824664”; ZMH 824665 • 1 ♀; same collection data as for preceding; ZMH 824665; ZMH 824665.

**Type locality**

Area around Rio Perené, Satipo, Peru.

**Current status**

Valid species.

**Remarks**

Tippmann (1939) only provided detailed locality data for the two specimens he collected personally; the other type specimens were collected by local collectors in the same area. Only one specimen (ZMH824664) bears original Tippmann labels, whereas the other specimen (ZMH824665) only has handwritten or printed labels provided by Emil Ross, from whom the specimens came to the ZMH. The holotype is deposited at the USNM (former F. Tippmann collection # 41681) and further paratypes are at the SNSD and MCSNM.

The collection of Friedrich F. Tippmann (1894–1974) was the largest specialized collection of the longhorn beetles that ever existed, with more than 100,000 specimens, of nearly 3000 genera and 1500 species from around the world (Monné 2006). According to the database of the Senckenberg Deutsches Entomologisches Institut (SDEI), most of his material is currently deposited at the USNM. Evidence of how some of his type material arrived to the ZMH remains elusive, as major parts of the collection were destroyed including all documentation, such as accession books, inventory lists and



**Figs 1–9.** Primary and secondary type specimens deposited at the Zoological Museum Hamburg. 1–2. Primary type: *Ites colasi* Lapesme, 1943, ♂, holotype (ZMH 824639). 3–9. Secondary types. 3–4. *Acridoschema favareli* Le Mout, 1938, paratype (ZMH 824657). 5–6. *Cyclopeplus peruvianus* Tippmann, 1939, ♀, paratype (ZMH 824664). 7–8. *Leucographus catalai* Villiers, 1939, sex, paratype (ZMH 824638). 9. *Zographus regalis poleti* Le Mout, 1939, dorsal view, sex, paratype (ZMH 843927) Scale bars = 1 cm.

card catalogues were lost during the Allied bombing of Hamburg in 1943, (Simões *et al.* 2021). Thus, we speculate that the material arrived at the ZMH along with the collection of Emil Ross (1870–1943), who had one of the largest and most important private collections in Germany (Weidner 1976), was transferred to the ZMH in 1944 (Weidner 1976; Simões *et al.* 2021).

*Leucographus catalai* Villiers, 1939

Figs 7–8

*Leucographus catalai* Villiers, 1939: 206.

**Paratype**

MADAGASCAR • 1 ex.; “Madagascar / Ankarampotsy / Tantamala / F.C.E. // 950–1100 m. // *Leucographus* / *Catalai* / Villiers / P. Lapesme det. // COTYPE // MUSEUM PARIS / 1934 / R. CATALA // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // ZMH 824638”; ZMH 824638.

**Type locality**

Ankarampotsy / Tantamala, Madagascar.

**Current status**

Valid species.

**Remarks**

Villiers (1939) distinguished between type and cotypes, and therefore they should be interpreted as holotype and paratypes. The holotype and additional paratypes are deposited in MNHN.

*Zographus regalis poleti* Le Moul, 1939

Figs 9–10

*Zoographus regalis poleti* Le Moul, 1939: 92.

*Zoographus regalis poleti* ab. *Viridisparus* Le Moul, 1939: 92.

*Zoographus regalis poleti* ab. *Viridiventrus* Le Moul, 1939: 93.

*Zoographus regalis poleti* ab. *Viridicollis* Le Moul, 1939: 93.

**Paratypes**

SIERRA LEONE • 1 ex.; “Pujehun / Sierra Leone / Coll. Le Moul // Paratype Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // ZMH 843920”; ZMH 843920 • 1 ex.; “SIERRA LEONE / MOYAMBA // COLL<sup>on</sup> LE MOULT / Naturaliste, Paris // PARATYPE // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // ZMH 824642”; ZMH 824642 • 13 exs; “SIERRA LEONE / MOYAMBA // COLL<sup>on</sup> LE MOULT / Naturaliste, Paris // PARATYPE // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // [ZMH 843921-843933]”; ZMH 843921-843933 • 2 exs; “SIERRA LEONE / MOYAMBA // COLL<sup>on</sup> LE MOULT / Naturaliste, Paris // sans traces / orangee sous / l’abdomen // PARATYPE // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // [ZMH 843934-843935]”; ZMH 843934-843935 • 1 ex.; “MOYAMBA / SIERRA LEONE // COLL<sup>on</sup> LE MOULT / Naturaliste, Paris // PARATYPE // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // ZMH 843936”; ZMH 843936 • 1 ex.; “MOYAMBA / SIERRA LEONE // COLL<sup>on</sup> LE MOULT / Naturaliste, Paris // PARATYPE // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // ZMH 843039”; ZMH 843039 • 6 exs; SIERRA LEONE / MOYAMBA // COLL<sup>on</sup> LE MOULT / Naturaliste, Paris // PARATYPE // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // [ZMH 843040-843045]”; ZMH 843040-843045 • 38 exs; “Moyamba / Sierra Leone // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // [ZMH 843046-843083]”; ZMH 843046-843083.

### Type localities

Mayumba and Pujehun, Sierra Leone.

### Current status

Synonym of *Zographus regalis regalis* (Brown, 1776).

### Remarks

All paratypes of Le Moults's subspecies and aberrations of *Z. regalis* were found combined in one drawer without separation or indication to which name they belong. The single specimen (ZMH 843920) can be confidently assigned to the *Z. regalis poleti* s. str. since the nominal form of this subspecies was described from Mayumba and Pujehun. The aberrations *viridisparvus*, *viridiventris* and *viridicollis* are from Mayumba only. Thirty further specimens labelled with Mayumba, Sierra Leone, do not bear a paratype label but they might also be paratypes.

### *Zographus regalis favareli* Le Moults, 1939

Figs 11–12

*Zographus regalis favareli* Le Moults, 1939: 94.

*Zographus regalis favareli* ab. *pseudocuprea* Le Moults, 1939: 94.

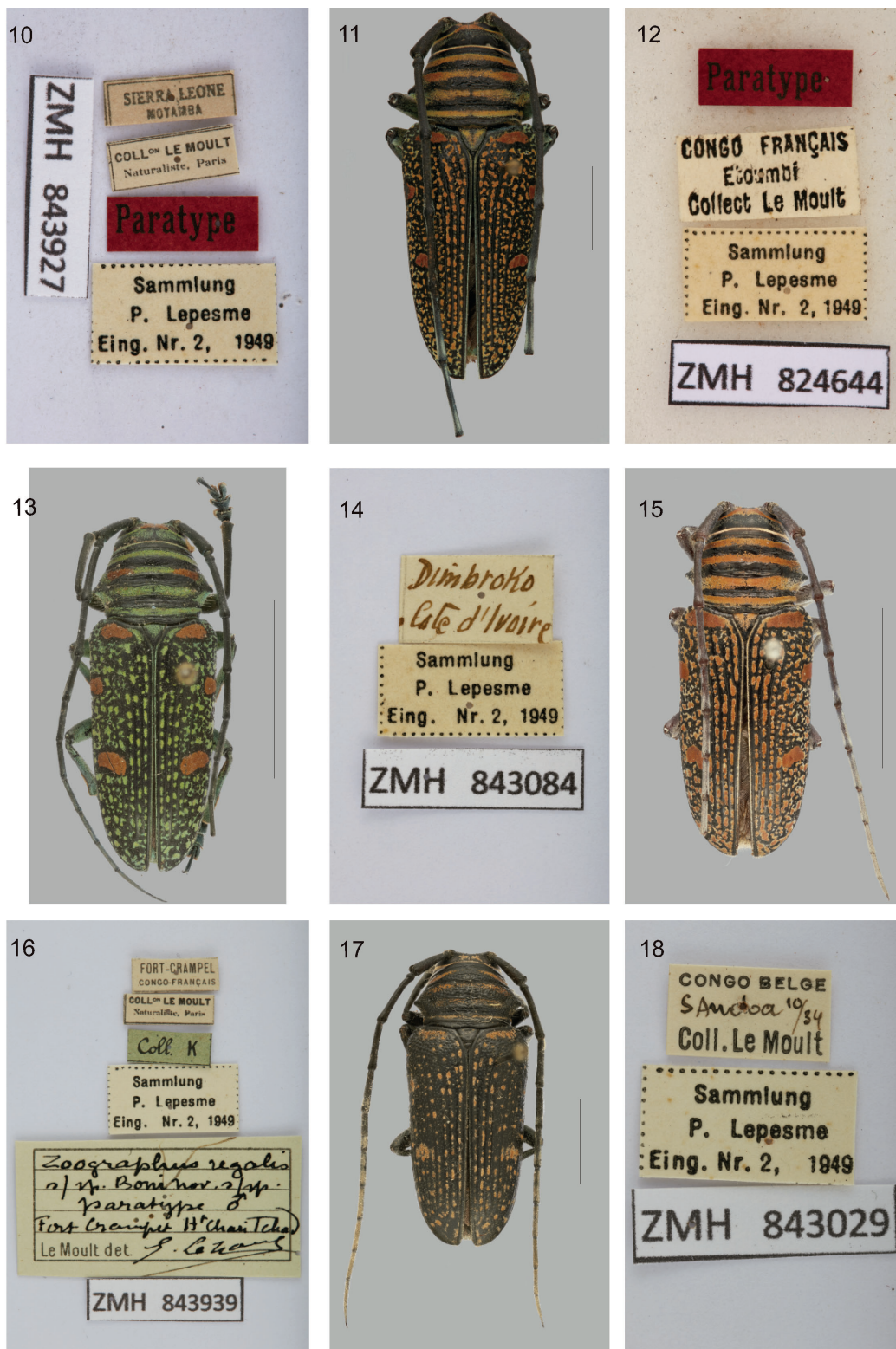
*Zographus regalis favareli* ab. *viridimarginatus* Le Moults, 1939: 94.

*Zographus regalis favareli* ab. *viridiventris* Le Moults, 1939: 95.

### Paratypes

REPUBLIC OF THE CONGO • 1 ex.; “Congo Français / Etoumbi / Coll. Le Moults // Paratype // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 824643”; ZMH 824643 • 1 ex.; “CONGO FRANÇAIS / Etoumbi / Collect Le Moults // Paratype // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 843937”; ZMH 843937 • 1 ex.; “CONGO FRANÇAIS / Etoumbi / Collect Le Moults // Paratype // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 824644”; ZMH 824644 • 1 ex.; “ETOUMBI / Congo Franç. / Coll. Le Moults // Paratype // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 843938”; ZMH 843938 • 1 ex.; “*Zographus Regalis* / s/sp Favareli / Etoumbi Moyen Congo / nov s/ sp paratype / Le Moults det. E. LeMoults // Congo Français / Etoumbi / Coll. Le Moults // PARATYPE // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 843984”; ZMH 843984 • 2 exs; “Congo Français / Etoumbi / Coll. Le Moults // PARATYPE // Sammlung / P. Lepesme / Eing. Nr., 1949 // [ZMH 843985-843986]”; ZMH 843985-843986 • 1 ex.; “ETOUMBI / Congo Franç. / Coll. Le Moults // Paratype // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 843987”; ZMH • 2 exs; “CONGO FRANÇAIS / Etoumbi / Collect Le Moults // Paratype // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // [ZMH 824988-824989]”; ZMH 824988-824989 • 100 exs; “ETOUMBI / Congo Franç. / Coll. Le Moults // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // [ZMH 843900-843999]”; ZMH 843900-843999 • 14 exs ‘Etoumbi / Congo fr. // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // [ZMH 843000-843013]”; ZMH 843000-843013 • 4 exs; “Bas- / Ogooué // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // [ZMH 843014-843017]”; ZMH 843014-843017 • 1 ex.; “Bénito / Congo Franç. // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 843024”; ZMH 843024 • 2 exs; ‘Etoumbi / Congo fr. // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // [ZMH 843025-843026]”; ZMH 843025-843026.

GABON • 1 ex.; “GABON / BAS-OGOOÉ // EX-COLLECTION / FAVAREL // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 843018”; ZMH 843018 • 2 exs; “GABON / BAS-OGOOÉ // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // [ZMH 843019-843020]”; ZMH 843019-843020 • 1 ex.; “Gabon / Bas Ogooué // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 843021”; ZMH 843021.



**Figs 10–18.** Secondary type specimens deposited at the Zoological Museum Hamburg. 10. *Zographus regalis poleti* Le Moul, 1939, paratype (ZMH 843927), labels. 11–12. *Zographus regalis favareli* Le Moul, 1939, paratype (ZMH 824644). 13–14. *Zographus regalis dyoti* Le Moul, 1939, paratype (ZMH 843084). 15–16. *Zographus regalis boni* Le Moul, 1939, paratype (ZMH 843939). 17–18. *Zographus regalis lualabensis* Le Moul, 1939, paratype (ZMH 843029). Scale bars = 1 cm.



CAMEROON • 2 exs; “D’Moungue / Cameroun / Coll. Le Moulton // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // [ZMH 843022-843023]”; ZMH 843022-843023.

**Type localities**

Bas-Oogué (Gabon); Benito, Etoumib, Mossaka River (Republic of the Congo); Kribi (Cameroon); Southeast and South Cameroon.

**Current status**

Synonym of *Zographus regalis regalis* (Brown, 1776).

**Remarks**

All paratypes of Le Moulton’s aberrations of *Z. regalis favareli* were found combined in one drawer without separation or indication to which name they belong. The aberrations *pseudocuprea*, *viridimarginatus* and *viridiventris* are also described from Etoumibi. The single specimen (ZMH 843024) can be confidently assigned to the *Z. regalis favareli* s. str. since only the normal form of this subspecies was described from Bénito.

*Zographus regalis dyoti* Le Moulton, 1939

Figs 13–14

*Zographus regalis dyoti* Le Moulton, 1939: 93.

**Possible paratypes**

IVORY COAST • 23 exs; “Dimbroko / Cote d’Ivoire // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // [ZMH 843084-843106]”; ZMH 843084-843106.

**Type locality**

Dimbroko (Ivory Coast).

**Current status**

Synonym of *Zographus regalis regalis* (Brown, 1776).

**Remarks**

The 23 specimens listed above possess handwritten labels from Dimbroko and were mixed with the other specimens of *Zographus regalis* names described by Le Moulton, thus they may or may not be paratypes of *Zographus regalis dyoti* Le Moulton, 1939.

*Zographus regalis boni* Le Moulton, 1939

Figs 15–16

*Zographus regalis boni* Le Moulton, 1939: 93.

**Paratypes**

CENTRAL AFRICAN REPUBLIC • 1 ♂; “*Zographus regalis* / n/sp. Boni nov. s/sp. / paratype ♂ / Fort Crampel H’ Chari Tchad / LeMoulton det. E. LeMoulton // FORT-CRAMPEL / CONGO FRANÇAIS // COLL<sup>on</sup> LE MOULT / Naturaliste, Paris // Coll. K // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // ZMH 843939”; ZMH 843939 • 1 ex.; “FORT-CRAMPEL / CONGO FRANÇAIS // COLL<sup>on</sup> LE MOULT / Naturaliste, Paris // Coll. K // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // ZMH 843940”;

ZMH 843940 • 5 exs; “FORT-CRAMPEL / CONGO FRANÇAIS // COLL<sup>on</sup> LE MOULT / Naturaliste, Paris // Coll. X // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // [ZMH 843941-843944]”; ZMH 843941-843944 • 1 ex.; “FORT-SIBUT / Haut-Chari, Congo Français / COLLECTION LE MOULT // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // ZMH 843945”; ZMH 843945 • 1 ex.; “H<sup>t</sup> Chari-Tchad / FORT-SIBUT / COLLECTION LE MOULT // Sternotomis / regalis F. // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // ZMH 843946”; ZMH 843946 • 11 exs; “F<sup>t</sup> Crampel / Congo // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // [ZMH 843947-843957]”; ZMH 843947-843957.

#### Type localities

Fort-Sibut [= Sibut] and Fort-Crampel [= Kaga-Bandoro] (Central African Republic).

#### Current status

Synonym of *Zographus regalis regalis* (Brown, 1776).

#### Remarks

Only the first specimen in the series deposited at the ZMH had an identification label, but we consider all specimens to be paratypes since it is very common for Le Moults types not to be completely labelled.

### *Zographus regalis lualabensis* Le Moults, 1939 Figs 17–18

*Zographus regalis lualabensis* Le Moults, 1939: 95.

#### Possible paratypes

D.R. CONGO • 3 exs; “CONGO BELGE / Sandoa 10/34 / Coll. Le Moults // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // [ZMH 843027-843029]”; ZMH 843027-843029 • 9 exs; “Sandoa / Congo Belge // Sammlung / P. Lapesme / Eing. Nr. 2, 1949 // [ZMH 843030-843038]”; ZMH 843030-843038.

#### Type locality

Sandoa, Lualaba Province (Democratic Republic of the Congo).

#### Current status

Synonym of *Zographus regalis regalis* (Brown, 1776).

#### Remarks

All specimens were placed under *Zographus regalis boni* paratypes at the ZMH collection, but based on Le Moults (1939) these should belong to the subspecies *lualabensis*.

Subfamily Prioninae Latreille, 1802

### *Hoploderes spinipennis nitidior* Lameere, 1906 Figs 19–20

*Hoploderes nitidior* Lameere, 1906: 364.

#### Invalid type

MADAGASCAR • 1 ex.; “MADAGASCAR / De Broissia (?) / Diego. 1905 (?) // Hoploderes / nitidior / A. Lameere vid. 1915 // Hoploderes / nitidior / Lmr. / P. Lapesme det. // TYPE // ZMH 824635”; ZMH 824635.

**Type locality**

Grande-Comore, Comoros.

**Remarks**

The specimen from ZMH does not belong to the type series since Lameere (1906) lists only one male from Diego-Suarez (Madagascar) deposited in the Tring Museum (Tring, United Kingdom) and the identification label from Lameere postdates the original description. The lectotype of the species is deposited at the MNHN.

**Primary type specimens (probably) lost during the Second World War**

Subfamily Cerambycinae Latreille, 1802

*Acyphoderes forficulifera* Gounelle, 1913

*Acyphoderes forficulifera* Gounelle, 1913: 388.

*Sphecomorpha forficulifera* Monné & Giesbert, 1992: 250.

*Forficuladeres forficulifera* – Clarke, 2015: 37. — Wappes & Santos-Silva 2021:10, figs 26–29 (lectotype designation)

**Type status** (number of specimens)

Syntypes (2).

**Type locality**

Colombia, mountains of “La Garita”.

**Current status**

Valid species, currently under the combination *Forficuladeres forficulifera* (Gounelle, 1913).

**Remarks**

The type series was probably composed of 3 syntypes, 2 of them were at the ZMH and probably lost with the WWII bombing, and 1 male deposited at the MNHN. That last specimen was recently designated as lectotype by Wappes & Santos-Silva (2021). According to the “Diccionario Geográfico de Colombia” (IGAC 1996), in Colombia, there are four toponyms for “La Garita,” making it difficult to determine the precise type-locality (for more information see Botero & Monné 2012: 21)

*Callichroma (Xystochroma) setigerum* Schmidt, 1924

*Callichroma (Xystochroma) setigerum* Schmidt, 1924: 302.

*Xystochroma setigerum* Podany, 1965: 39.

**Type status**

Holotype.

**Type locality**

Colombia.



**Figs 19–22.** Secondary type specimens deposited at the Zoological Museum Hamburg. **19–20.** *Hoploderes spinipennis nitidior* Lameere, 1906, paratype (ZMH 824635). **21–22.** *Megalofrea bioculata* var. *breuningi* Lepesme & Villiers, 1944, paratype (ZMH 824653). Scale bars= 1 cm.

**Current status**

Valid species, currently under the combination *Xystochroma setigerum* (Schmidt, 1924).

*Cerambyx paris* Wiedemann, 1821

*Cerambyx Paris* Wiedemann, 1821: 167.

*Hammaticherus paris* White, 1853: 128.

*Neocerambyx paris* Thomson, 1861: 194.

**Type status**

Holotype.

**Type locality**

Bengalia [India, Bengali].

**Current status**

Valid species, currently under the combination *Neocerambyx paris* Wiedemann, 1821.

*Clytus (Xylotrochus) variicollis* Fairmaire, 1883

*Clytus (Xylotrochus) variicollis* Fairmaire, 1883: 52.

*Xylotrechus variicollis* Aurivillius, 1912: 367.

**Type status**

Holotype.

**Type locality**

Île du Duc d'York [Papua New Guinea, Duke of York Islands].

**Current status**

Valid species, currently under the combination *Xylotrechus variicollis* (Fairmaire, 1883).

*Coptocercus scripticollis* Carter, 1930

*Coptocercus scripticollis* Carter, 1930: 548, fig. 13.

**Type status**

Holotype.

**Type locality**

Victoria, Portland [Australia, Victoria, Portland].

**Current status**

Valid species.

*Cyllene quinquefasciata* Melzer, 1931

*Cyllene quinquefasciata* Melzer, 1931: 55, pl. 12 fig. 15.

*Megacyllene quinquefasciata* – Peña 1974: 306.

**Type status** (number of specimens)

Syntypes (2).

**Type locality**

Bolivia [Bolivia, Oruro, Avisaia].

**Current status**

Valid species, currently under the combination *Megacyllene quinquefasciata* (Melzer, 1931).

***Euporus liobasis cuprinus* Schmidt, 1922**

*Euporus liobasis* subsp. *cuprinus* Schmidt, 1922: 151.

**Type status**

Holotype.

**Type localities**

Belg. Kongo: Kondué [Congo: Kondue].

**Current status**

Valid subspecies of *Euporus liobasis* Bates, 1879.

***Euporus partitus* Gerstaecker, 1884**

*Euporus partitus* Gerstaecker, 1884: 60.

*Euporus* (*Sphaleroporus*) *partitus* Schmidt, 1922: 146.

**Type status**

Holotype.

**Type locality**

Pangani [Tanzania, Tanga, Pangani].

**Current status**

Valid species.

***Hololeprus variolosus* Gerstaecker, 1884**

*Hololeprus variolosus* Gerstaecker, 1884: 60.

**Type status**

Holotype.

**Type locality**

Pangani [Tanzania, Tanga, Pangani].

**Current status**

Valid species.

***Litopus patricius*** Gerstaecker, 1884

*Litopus patricius* Gerstaecker, 1884: 60.

**Type status**

Holotype.

**Type locality**

Pangani [Tanzania, Tanga, Pangani].

**Current status**

Valid species.

***Molitones flavipennis*** Gounelle, 1913

*Molitones flavipennis* Gounelle, 1913: 423, fig. 1 (male).

**Type status** (number of specimens)

Syntypes (2).

**Type locality**

Colombia, mountains of “La Garita”.

**Current status**

Valid species.

**Remarks**

According to the “Diccionario Geográfico de Colombia” (IGAC 1996), in Colombia, there are four toponyms for “La Garita,” thus it is difficult to obtain the precise type locality (for more information see Botero & Monné 2012: 21).

***Oxyprosopus coeruleus*** subsp. *atratus* Schmidt, 1922

*Oxyprosopus coeruleus atratus* Schmidt, 1922: 168.

**Type status**

Syntypes.

**Type locality**

Kamerun. Mukonje-Farm bei Mundame [Cameroon, Mundame, Mukonje Farm]; Victoria [Congo; Australia, Victoria].

**Current status**

Valid subspecies of *Oxyprosopus chloreus* Bates, 1879.

***Oxyprosopus similis*** subsp. *purpurascens* Schmidt, 1922

*Oxyprosopus similis purpurascens* Schmidt, 1922: 169.

*Oxyprosopus angulicollis purpurascens* Juhel, 2017: 99.

**Type status**

Holotype.

**Type locality**

Belg. Kongo: Kimienza [Congo].

**Current status**

Valid subspecies of *Oxyprosopus angulicollis* Bates, 1879.

*Philematium currori* subsp. *schantzei* Schmidt, 1922

*Philematium currori* subsp. *schantzei* Schmidt, 1922: 106.

**Type status**

Holotype.

**Type locality**

Belg. Kongo: Kimienza [Congo].

**Current status**

Valid subspecies of *Philematium currori* (White, 1853).

Subfamily Lamiinea Latreille, 1825

*Acmocera insularis* Breuning, 1940

*Acmocera insularis* Breuning, 1940b: 129.

**Type status**

Holotype.

**Type locality**

Insel St. Thomé [São Tomé Island].

**Current status**

Valid species.

*Aethiopia damarensis* Breuning, 1943

*Aethiopia elongata* Aurivillius, 1911: 220.

*Aethiopia damarensis* – Breuning 1943: 40. — Adlbauer & Beck 2015: 151 (syn.).

**Type status**

Holotype.

**Type locality**

Damaraland: Grootfontain, Farm Neitsas [Namibia].



**Current status**

Junior synonym of *Aethiopia elongata* Aurivillius, 1911.

*Aetholopus sericeus* Breuning, 1938

*Aetholopus sericeus* Breuning, 1938a: 224.

**Type status**

Holotype.

**Type locality**

Luzon: Rizal [Philippines, Province of Rizal].

**Current status**

Valid species.

*Agelasta luzonica* Breuning, 1938

*Agelasta luzonica* Breuning, 1938a: 210.

**Type status**

Holotype.

**Type locality**

Luzon: Laguna, Paete. [Philippines, Province of Laguna (Paete)].

**Current status**

Valid species.

**Remarks**

Hüdepohl (1985: 378) designated a female neotype, from Romblon (Philippines), which is currently deposited at ZSMC (ex collection Karl-Ernst Hüdepohl).

*Apomecyna amaniensis* Breuning, 1943

*Apomecyna densemaculata* Breuning, 1938b: 51.

*Apomecyna amaniensis* – Breuning 1943: 35. — Teocchi *et al.* 2004: 14 (syn.).

**Type status**

Holotype.

**Type locality**

Tanganijka-Territorium: Amani [Tanzania, Muheza District (Amani)].

**Current status**

Junior synonym of *Apomecyna densemaculata* Breuning, 1938.

*Apomecyna luzonica* Breuning, 1938

*Apomecyna luzonica* Breuning, 1938b: 50.

**Type status**

Holotype.

**Type locality**

Philippines: Luçon, Laguna, Mont Maquiling [Philippines, Luzon].

**Current status**

Valid species.

*Apriona ammiralis* Breuning, 1935

*Apriona ammiralis* Breuning, 1935c: 276.

**Type status**

Holotype.

**Type locality**

Insel Pak, Admiraltätsinseln [Papua New Guinea, Manus province, Admiralty Islands].

**Current status**

Valid species.

**Remarks**

Three specimens from Admiralty Island labelled as paratypes are in BMNH (M.V.L. Barclay pers. comm.).

*Ceroplesis lacunosa* Gerstaecker, 1884

*Ceroplesis Pauli* Fairmaire, 1884: cxlviii.

*Ceroplesis revoili pauli* Breuning, 1938c: 115.

*Ceroplesis lacunosa* Gerstaecker, 1884: 61.

**Type locality**

Tanzania [Deutsch Ost-Afrika (Massai-Land)].

**Current status**

Junior synonym of *Ceroplesis revoili pauli* Fairmaire, 1884.

*Cleptometopus javanicus* Breuning, 1943

*Cleptometopus javanicus* Breuning, 1943: 62.

**Type status**

Holotype.

**Type locality**

Java: Prahoe, Goenoeng-Tangkoeban [Indonesia, Java].

**Current status**

Valid species.

*Cleptometopus striatopunctatus drescheri* Breuning, 1943

*Cleptometopus striatopunctatus* subsp. *Drescheri* – Breuning, 1943: 63.

**Type status**

Holotype.

**Type locality**

Java: Prahoe, Goenoeng, Tangkoeban [Indonesia, Java].

**Current status**

Valid subspecies of *Cleptometopus striatopunctatus* Breuning, 1940.

*Cloniocerus albosticticus* Breuning, 1940

*Cloniocerus albosticticus* Breuning, 1940b: 151.

**Type status**

Holotype.

**Type locality**

Süd-Afrika: Kapland [South Africa].

**Current status**

Valid species.

*Desisa parvula* Breuning, 1938

*Desisa parvula* Breuning, 1938a: 374.

**Type status**

Holotype.

**Type locality**

Luzon: Rizal [Philippines, Province of Rizal].

**Current status**

Valid species.

*Diadelioides camerunensis* Breuning, 1942

*Diadelioides camerunensis* Breuning, 1942a: 160.

**Type status**

Holotype.

**Type locality**

Kamerun: Buea [Cameroon, Buea].

**Current status**

Valid species.

*Diadelioides exiguus* Breuning, 1943

*Diadelioides exiguus* Breuning, 1943: 48.

**Type status**

Holotype.

**Type locality**

Kamerun: Umgebung Kamerunberg, Ekona [Cameroon].

**Current status**

Valid species.

*Dichostates capucinus* Gerstaecker, 1884

*Dichostates capucinus* Gerstaecker, 1884: 62.

*Crossotus capucinus* Breuning, 1942a: 15.

**Type status**

Holotype.

**Type locality**

Pangani [Tanzania, Tanga, Pangani].

**Current status**

Valid species, currently under the combination *Crossotus capucinus* (Gerstaecker, 1884).

*Didymodonta orientalis* Breuning, 1936

*Dityloderus balteatus* Aurivillius, 1903: 316.

*Monoxenus (Dityloderus) balteatus* Breuning, 1940: 409 (syn.).

*Didymodonta orientalis* Breuning, 1936a: 314.

**Type status**

Holotype.

**Type locality**

Tanganjika-Territorium: Kilimandjaro [Tanzania, Kilimanjaro (1500 m)].

**Current status**

Junior synonym of *Monoxenus (Dityloderus) balteatus* (Aurivillius, 1903).

***Dihammus marmoratus* Breuning, 1936**

*Dihammus marmoratus* Breuning, 1936a: 292 (not Fisher, 1935).

*Dihammus pseudomarmoratus* Breuning, 1944: 487 (nom. nov.).

*Acalolepta pseudomarmorata* Breuning, 1961b: 377.

**Type status**

Holotype.

**Type locality**

Neu-Guinea, Astrolabe Bai [Papua New Guinea, Madang Province, Astrolabe Bay].

**Current status**

Valid species, currently under the combination *Acalolepta pseudomarmorata* (Breuning, 1944).

***Dihammus philippinensis* Breuning, 1935**

*Dihammus luzonicus* Breuning, 1935a: 251.

*Dihammus philippinensis* Breuning, 1935: 252.

*Acalolepta luzonica* Breuning, 1961b: 373.

**Type status**

Holotype.

**Type locality**

Insel Masbate [Philippines, province Masbate].

**Current status**

Junior synonym of *Acalolepta luzonica* (Breuning, 1935).

***Dihammus subtruncatus* Breuning, 1938**

*Dihammus subtruncatus* Breuning, 1938a: 186.

*Acalolepta subtruncata* – Breuning 1961b: 376 (catalogue). — Ślipiński & Escalona 2013: 83.

**Type status**

Holotype.

**Type locality**

Queensland [Australia, Queensland].

**Current status**

Valid species, currently under the name *Acalolepta (Acalolepta) subtruncata* (Breuning, 1938).

***Dorcoeax ovalis*** Breuning, 1946

*Dorcoeax ovalis* Breuning, 1946: 153.

**Type status**

Holotype.

**Type locality**

Cameroun (Victoria, jardin botanique) [Cameroon, Limbe].

**Current status**

Valid species.

***Epilystoides integripennis*** Breuning, 1942

*Epilystoides integripennis* Breuning, 1942a: 142.

*Sybra integripennis* Ślipiński & Escalona, 2013: 229.

**Type status**

Holotype.

**Type locality**

Queensland: Peak Downs [Australia, Queensland].

**Current status**

Valid species, currently under the name *Sybra integripennis* (Breuning, 1942).

**Remarks**

A paratype deposited at NHMB (ex museum G. Frey) (Breuning, 1965: 504).

***Epuraecha ochraceomaculata*** Breuning, 1935

*Epuraecha ochraceomaculata* Breuning, 1935c: 257

**Type status**

Holotype.

**Type locality**

Tonkin, Mt Mauson [Vietnam, Tonkin].

**Current status**

Valid species.

***Estoloides (Parestoloides) costaricensis*** Breuning, 1940

*Estoloides (Parestoloides) costaricensis* Breuning, 1940a: 76

*Estoloides costaricensis* Santos-Silva *et al.*, 2018: 453

**Type status**

Holotype.

**Type locality**

Costa Rica: San José.

**Current status**

Valid species.

*Eupogonius microphthalmus* Breuning, 1943

*Eupogonius microphthalmus* Breuning, 1943: 49

**Type status**

Holotype.

**Type locality**

Brasilien: Porto Alegre [Brazil, Porto Alegre].

**Current status**

Valid species.

*Falsepilysta albostictica* Breuning, 1939

*Falsepilysta albostictica* Breuning, 1939a: 242.

**Type status**

Holotype.

**Type locality**

Philippinen: Insel Luzon, Benguet, Bagnio [Philippines, Luzon].

**Current status**

Valid species.

*Falsocularia annulicornis* Breuning, 1942

*Falsocularia annulicornis* Breuning, 1942b: 148.

**Type status**

Holotype.

**Type locality**

Cameroun: Mundame, Mukonje Farm [Cameroon, Mundame].

**Current status**

Valid species.

***Glenea (Glenea) subbasalis*** Breuning, 1956

*Glenea (Glenea) subbasalis* Breuning, 1956: 822.

**Type status**

Holotype (♂).

**Type locality**

Celebes [Indonesia, Sulawesi].

**Current status**

Valid species.

***Glenea (Glenea) subhuonora*** Breuning, 1956

*Glenea (Glenea) subhuonora* Breuning, 1956: 133.

**Type status**

Holotype (♀).

**Type locality**

Nord-Nias: Hili Medjeda [Indonesia, Sumatra, Nias].

**Current status**

Valid species.

**Remarks**

A paratype deposited at NHMB (former museum G. Frey).

***Glenea (Glenea) violaceomicans*** Breuning, 1958

*Glenea (Glenea) violaceomicans* Breuning, 1958: 254.

**Type status**

Holotype.

**Type locality**

Celebes [Indonesia, Sulawesi].

**Current status**

Valid species.

***Hoplocris griseovittatus*** Breuning, 1940

*Hoplocris griseovittatus* Breuning, 1940b: 135.

*Paradocus griseovittatus* Breuning, 1950a: 282.

**Type status**

Holotype (♀).



**Type locality**

Tanganjika Territorium: Manjani [Tanzania, Muheza District].

**Current status**

Valid species, currently under the combination *Paradocus griseovittatus* (Breuning, 1940).

*Idactus damarensis* Breuning, 1938

*Idactus damarensis* Breuning, 1938a: 215.

*Idactus ellioti damarensis* Teocchi *et al.*, 2015: 25.

**Type status**

Holotype (♂).

**Type locality**

SW Africa: Amaruru [Namibia, Omaruru].

**Current status**

Valid subspecies of *Idactus ellioti* Gahan, 1890.

*Itheum fuscoantennale* Breuning, 1943

*Itheum fuscoantennale* Breuning, 1943: 63.

**Type status**

Holotype.

**Type locality**

Neu-Süd-Wales. Rockhampton [Australia, Queensland, Rockhampton].

**Current status**

Valid species.

*Lamia adusta* Wiedemann, 1819

*Lamia adusta* Wiedemann, 1819: 182.

*Xylorhiza adusta* Dejean, 1835: 344.

**Type status**

Holotype.

**Type locality**

Bengalia [India, Bengali].

**Current status**

Valid species, currently under the combination *Xylorhiza adusta* (Wiedemann, 1819).

***Lamia crassipes*** Wiedemann, 1823

*Lamia crassipes* Wiedemann, 1823: 111.

*Praonetha crassipes* Dejean, 1835: 344.

*Pterolophia crassipes* Aurivillius, 1922: 253.

**Type status**

Holotype.

**Type locality**

Java [Indonesia, Java].

**Current status**

Valid species, currently under the combination *Pterolophia crassipes* (Wiedemann, 1823).

***Linda (Linda) annamensis*** Breuning, 1954

*Linda (Linda) annamensis* Breuning, 1954: 556.

**Type status**

Holotype (♀).

**Type locality**

Annam: Caleu [Vietnam, Annam].

**Current status**

Valid species.

***Mimoopsis crassepuncta*** Breuning, 1942

*Mimoopsis crassepuncta* Breuning, 1942a: 154.

**Type status**

Holotype.

**Type locality**

Insel Tahiti [Tahiti].

**Current status**

Valid species.

***Mimosybra basigranosa*** Breuning, 1939

*Mimosybra basigranosa* Breuning, 1939a: 279.

**Type status**

Holotype.

**Type locality**

Philippinen: Insel Luzon, Kayapo [Philippines, Luzon].

**Current status**

Valid species.

*Mimosybra uniformis* Breuning, 1940

*Mimosybra uniformis* Breuning, 1940b: 166.

*Sybra gaindahensis* Ślipiński & Escalona, 2013: 229 (nom. nov.).

**Type status**

Holotype.

**Type locality**

Australien: Gayndah [Australia, Queensland, Gayndah].

**Current status**

Valid species.

**Remarks**

Ślipiński & Escalona (2013), in their work regarding the fauna of Australian Lamiinae, synonymized *Mimosybra* Breuning, 1939 with *Sybra* Pascoe, 1865. Resulting from this synonymy, they had to propose a new name to avoid the secondary homonym with *Sybra uniformis* Breuning, 1939, described from the Fiji Islands. According to Weigel & Skale (2014: 222), Ślipiński & Escalona (2013) did not compare the type species of the two genera, and hence, Weigel & Skale (2014) did not agree with the synonymy and reinstated the genus *Mimosybra*. Thus, the replacement name proposed by Ślipiński & Escalona (2013: 229) becomes obsolete.

*Mispilopsis luzonica* Breuning, 1938

*Mispilopsis luzonica* Breuning, 1938a: 381.

**Type status**

Holotype.

**Type locality**

Luzon: Rizal [Philippines, Province of Rizal].

**Current status**

Valid species.

*Monochamus unifasciatus* Breuning, 1935

*Monochamus unifasciatus* Breuning, 1935c: 251.

*Monochamus latefasciatus* Breuning, 1944: 435 (nom. nov.).

**Type status**

Holotype (♂).

**Type locality**

Tonkin, Mt Mauson [Vietnam, Tonkin].

**Current status**

Valid species, currently under the name *Monochamus latefasciatus* Breuning, 1944

**Remarks**

*Monochamus unifasciatus* Breuning, 1935 is preoccupied by *Monohammus galloprovincialis* v. *unifasciatus* Pic, 1905 [invalid variety of *Monochamus galloprovincialis* (Olivier, 1800)]. Hence Breuning (1944) proposed the replacement name *Monochamus latefasciatus* Breuning, 1944.

*Neoopsis quadrimaculatus* Breuning, 1942

*Hestimidius humeralis* – Breuning 1939a: 285. — Dillon & Dillon 1952: 64 (syn.).  
*Neoopsis quadrimaculatus* – Breuning 1942a: 154.

**Type status**

Holotype.

**Type locality**

Fidji Inseln [Fiji].

**Current status**

Junior synonym of *Hestimidius humeralis* Breuning, 1939.

*Niphona orientalis* Breuning, 1938

*Niphona orientalis* Breuning, 1938a: 239.

**Type status**

Holotype.

**Type locality**

Tanganjika Territorium: Uhehe [Tanzania, Tanganyica].

**Current status**

Valid species.

*Niphosoma compactum* Breuning, 1943

*Niphosoma compactum* Breuning, 1943: 30.

**Type status**

Holotype.

**Type locality**

Britisch-Indien: Madras, Ramadroog [India, Tamil Nadu (800–1000 m)].

**Current status**

Valid species.

*Paratucumaniella mexicana* Breuning, 1943

*Paratucumaniella mexicana* Breuning, 1943: 42.

*Cacostola mexicana* Marinoni & Martins, 1982: 247.

**Type status**

Holotype.

**Type locality**

Jalapa [Mexico, Veracruz, Jalapa].

**Current status**

Valid species, currently under the combination *Cacostola mexicana* (Breuning, 1943).

*Parestola hoegei* Breuning, 1943

*Parestola hoegei* Breuning, 1943: 54.

**Type status**

Holotype.

**Type locality**

Mexiko [Mexico].

**Current status**

Valid species.

*Pharsalia ochreostictica* Breuning, 1938

*Pharsalia ochreostictica* Breuning, 1938a: 194.

**Type status**

Holotype (♂).

**Type locality**

Sumatra: Indragina, Somgei Lalah [Indonesia, Sumatra].

**Current status**

Valid species.

*Phytoecia (Blepisanis) latesuturalis* Breuning, 1951

*Phytoecia (Blepisanis) latesuturalis* Breuning, 1951: 430.

**Type status**

Holotype (♀).

**Type locality**

Territoire du Tanganjika: Mont Kilimandjaro [Tanzania, Mount Kilimanjaro].

**Current status**

Valid species.

*Phytoecia (Blepisanis) pseudofervida* Breuning, 1951

*Phytoecia (Blepisanis) pseudofervida* Breuning, 1951: 419.

**Type status**

Holotype (♂).

**Type locality**

Natal: Durban [South Africa, Natal, Durban].

**Current status**

Valid species.

*Prosoplus bimaculicollis* Breuning, 1943

*Prosoplus trukensis* Blair, 1940: 153.

*Prosoplus bimaculicollis* – Breuning 1943: 32. — Gressitt 1956: 133 (syn.).

**Type status**

Holotype.

**Type locality**

Ozeanien: Insel Ruk [Micronesia, Chuuk Lagoon].

**Current status**

Junior synonym of *Rhytiphora atlantica trukensis* (Blair, 1940).

**Remarks**

Ślipiński & Escalona (2013) proposed *Prosoplus* Blanchard, 1853, as junior synonym of *Rhytiphora* Audinet-Serville, 1835, with the consequent new combinations of its species.

*Prosoplus brunneus* Breuning, 1938

*Prosoplus brunneus* Breuning, 1938a: 353.

**Type status**

Holotype.

**Type locality**

Neu Britannien [Papua New Guinea, New Britain].

**Current status**

Valid species, currently under the combination *Rhytiphora brunnea* (Breuning, 1938).

**Remarks**

Ślipiński & Escalona (2013) proposed *Prosoplus* Blanchard, 1853, as junior synonym of *Rhytiphora* Audinet-Serville, 1835, with the consequent new combinations of its species.

*Prosoplus metallescens* Breuning, 1938

*Prosoplus metallescens* Breuning, 1938a: 352.

*Rhytiphora metallescens* Ślipiński & Escalona, 2013: 206.

**Type status**

Holotype (♂).

**Type locality**

Australien: Rockhampton [Australia, Queensland].

**Current status**

Valid species, currently under the combination *Rhytiphora metallescens* (Breuning, 1938).

**Remarks**

Ślipiński & Escalona (2013) proposed *Prosoplus* Blanchard, 1853, as junior synonym of *Rhytiphora* Audinet-Serville, 1835, with the consequent new combinations of its species.

*Prosoplus rugulosus* Breuning, 1938

*Prosoplus rugulosus* Breuning, 1938a: 353.

**Type status**

Holotype (♂).

**Type locality**

Neu Pommern, S. W. Küste, Siassi Archipel, Malabay [Papua New Guinea, New Britain].

**Current status**

Valid species, currently under the combination *Rhytiphora rugulosa* (Breuning, 1938).

**Remarks**

Ślipiński & Escalona (2013) proposed *Prosoplus* Blanchard, 1853, as junior synonym of *Rhytiphora* Audinet-Serville, 1835, with the consequent new combinations of its species.

*Prosoplus rugosicollis* Breuning, 1940

*Prosoplus rugosicollis* Breuning, 1940: 141.

**Type status**

Holotype (♂).

**Type locality**

Insel Palau [Micronesia, Caroline Islands].

**Current status**

Junior synonym of *Rhytiphora livida* (Matsushita, 1935).

**Remarks**

Ślipiński & Escalona (2013) proposed *Prosoplus* Blanchard, 1853, as junior synonym of *Rhytiphora* Audinet-Serville, 1835, with the consequent new combinations of its species.

*Pseudodoliops griseus* Breuning, 1938

*Pseudodoliops griseus* Breuning, 1938a: 237.

**Type status**

Holotype (♂).

**Type locality**

Luzon: Laguna, Paete [Philippines, Province of Laguna (Paete)].

**Current status**

Valid species.

*Pseudoplanodes mediofasciatus* Breuning, 1935

*Planodes aurivilliusi* Schwarzer, 1926: 12.

*Pseudoplanodes mediofasciatus* Breuning, 1935c: 258; 1939b: 461 (syn.).

*Pseudoplanodes aurovilliusi* Breuning, 1939b: 461 (misspelling).

**Type status**

Holotype (♀).

**Type locality**

Insel Mindano [Philippines, Mindanao].

**Current status**

Junior synonym of *Pseudoplanodes aurivilliusi* (Schwarzer, 1926).

*Pterolophia australica* Breuning, 1938

*Pterolophia australica* Breuning, 1938a: 326.

*Pterolophia (Ale) australica* Breuning, 1961a: 255 (catalogue).

*Rhytiphora australica* Ślipiński & Escalona, 2013: 200.

**Type status**

Holotype (♂).



**Type locality**

Queensland: Mulgrave River [Australia, Queensland].

**Current status**

Valid species, currently under the combination *Rhytiphora australica* (Breuning, 1938).

**Remarks**

Ślipiński & Escalona (2013: 200, fig. 196 E) incorrectly displayed a specimen as holotype.

***Pterolophia bilatevittata* Breuning, 1942**

*Pterolophia bilatevittata* Breuning, 1942a: 127.

*Pterolophia (Ale) bilatevittata* Breuning, 1961a: 254.

**Type status**

Holotype.

**Type locality**

China: Prov. Fokien [China, Fujien].

**Current status**

Valid species, currently known as *Pterolophia (Ale) bilatevittata* Breuning, 1942.

***Pterolophia crenatocristata* Breuning, 1938**

*Pterolophia crenatocristata* Breuning, 1938a: 327.

*Pterolophia (Ale) crenatocristata* Breuning, 1961a: 255.

**Type status**

Holotype (♂).

**Type locality**

Philippinen [Philippines].

**Current status**

Valid species, currently known as *Pterolophia (Ale) crenatocristata* Breuning, 1938.

***Pterolophia flavofasciata* Breuning, 1938**

*Pterolophia flavofasciata* Breuning, 1938a: 327.

*Pterolophia (Pterolophia) flavofasciata* Breuning, 1961: 241.

**Type status**

Holotype.

**Type locality**

Kamerun: Mukonje Farm bei Mundame [Cameroon, Mundame].

**Current status**

Valid species.

*Pterolophia luzoncola* Breuning, 1938

*Pterolophia luzoncola* Breuning, 1938a: 325.

*Pterolophia (Pterolophia) luzoncola* Breuning, 1961: 246.

**Type status**

Holotype (♂).

**Type locality**

Philippinen: Luzon, Ilacas Norte [Philippines, Luzon].

**Current status**

Valid species.

*Pterolophia nivea* Breuning, 1938

*Pterolophia nivea* Breuning, 1938a: 298.

*Pterolophia (Chaetostigme) nivea* Breuning, 1961a: 259.

**Type status**

Holotype.

**Type locality**

Queensland: Peak Downs [Australia, Queensland].

**Current status**

Valid species, currently known as *Pterolophia (Chaetostigme) nivea* Breuning, 1938.

**Remarks**

A specimen labelled as ‘Type’ by Breuning is in BMNH, but its data do not correspond to the holotype in the original description. It may be a paratype (M.V.L. Barclay pers. comm.).

*Pterolophia speciosa* Breuning, 1938

*Pterolophia speciosa* Breuning, 1938a: 326.

*Pterolophia (Paramimoron) speciosa* Breuning, 1961c: 258.

**Type status**

Holotype.

**Type locality**

Philippinen: Luzon, Rizal [Philippines, Rizal].

**Current status**

Valid species, currently known as *Pterolophia (Paramimoron) speciosa* Breuning, 1938.

***Pterolophia spinosa*** Breuning, 1938

*Pterolophia spinosa* Breuning, 1938a: 326.

*Pterolophia (Ale) spinosa* Breuning, 1961a: 255.

**Type status**

Holotype (♂).

**Type locality**

Philippinen: Luzon, Laguna, Paete [Philippines, Laguna, Paete].

**Current status**

Valid species, currently known as *Pterolophia (Ale) spinosa* Breuning, 1938.

***Rhodopsis tonkinensis*** Breuning, 1936

*Rhodopsis tonkinensis* Breuning, 1936a: 316.

**Type status**

Holotype (♀).

**Type locality**

Tonkin, Montes. Mauson [Vietnam, Tonkin].

**Current status**

Valid species, currently under the combination *Rhodopina tonkinensis* (Breuning, 1936).

**Remarks**

*Rhodopsis* was preoccupied [*Rhodopsis* Reichenbach, 1854 – Aves, Trochilidae]; Gressitt (1951) proposed the new name *Rhodopina*.

***Rhytiphora antennalis*** Breuning, 1938

*Rhytiphora antennalis* Breuning, 1938a: 366.

**Type status**

Holotype (♀).

**Type locality**

Queensland: Mulgrave River [Australia, Queensland].

**Current status**

Valid species.

***Saperda costata*** Wiedemann, 1823

*Saperda 4-oculata* Thunberg, 1787: 57.

*Saperda costata* Wiedemann, 1823: 112.

**Type status**

Holotype.

**Type locality**

Java [Indonesia, Java].

**Current status**

Junior synonym of *Nupserha quadrioculata* (Thunberg, 1787).

***Sophronica nigricollis* Breuning, 1943**

*Sophronica nigricollis* Breuning, 1943: 51 (not Breuning, 1940).

*Sophronica nigriticollis* Breuning, 1949: 23 (nom. nov.).

**Type status**

Holotype.

**Type locality**

Kamerun: Kamerunberg, Missellele [Cameroon, Fako, Missellele].

**Current status**

Valid species.

**Remarks**

*Sophronica nigricollis* Breuning, 1943 is a preoccupied name by *Sophronica nigricollis* Breuning, 1940: 177 (from Kenya).

***Sophroniella pusilla* Breuning, 1943**

*Sophroniella pusilla* Breuning, 1943: 51.

**Type status**

Holotype.

**Type localities**

Tshad-See: Papyrus-Gürtel [Chad, Lake Tchad].

**Current status**

Valid species, currently under the combination *Nyoma pusilla* (Breuning, 1943).

**Remarks**

Teocchi (1992: 14) synonymized *Sophroniella* Breuning, 1943 with *Nyoma* Duvivier, 1892, leading to this new combination never published before.

***Spinovelleda excavata* Breuning, 1942**

*Spinovelleda excavata* Breuning, 1942c: 135.

**Type status**

Holotype.

**Type locality**

Tanganyika: Amani [Tanzania].

**Current status**

Valid species.

*Sybra apicespinosa* Breuning, 1942

*Sybra apicespinosa* Breuning, 1942a: 143.

**Type status**

Holotype.

**Type locality**

Insel Ovalau [Fiji, Ovalau].

**Current status**

Valid species.

*Sybra densemarmorata* Breuning, 1942

*Sybra densemarmorata* Breuning, 1942a: 147.

**Type status**

Holotype.

**Type locality**

Insel Luzon [Philippines, Luzon].

**Current status.**

Valid species.

*Sybra medioguttata* Breuning, 1942

*Sybra medioguttata* Breuning, 1942a: 144.

**Type status**

Holotype.

**Type localities**

Queensland: Rockhampton [Australia, Queensland].

**Current status**

Valid species.

*Sybra nigroobliquelineata* Breuning, 1943

*Sybra nigroobliquelineata* Breuning, 1943: 44.

**Type status**

Holotype.

**Type locality**

Tonga Inseln [Tonga].

**Current status**

Valid species.

*Sybra obliquemaculata* Breuning, 1942

*Sybra obliquemaculata* Breuning, 1942a: 146.

**Type status**

Holotype.

**Type locality**

Insel Luzon: Kayapo [Philippines, Luzon].

**Current status**

Valid species.

*Sybra ochreostictica* Breuning, 1942

*Sybra ochreostictica* Breuning, 1942a: 146.

**Type status**

Holotype.

**Type locality**

Insel Luzon: Kayapo [Philippines, Luzon].

**Current status**

Valid species.

*Sybra plurilineata* Breuning, 1942

*Sybra plurilineata* Breuning, 1942a: 145.

**Type status**

Holotype.

**Type locality**

Neu-Guinea [New Guinea].

**Current status**

Valid species.

*Sybra praemediomaculata* Breuning, 1943

*Sybra praemediomaculata* Breuning, 1943: 44.

**Type status**

Holotype.

**Type locality**

Insel Luzon: Mt Banahao [Philippines, Calabarzon, Laguna].

**Current status**

Valid species.

*Sybra quinquevittata* Breuning, 1942

*Sybra quinquevittata* Breuning, 1942a: 149.

**Type status**

Holotype.

**Type locality**

Borneo.

**Current status**

Valid species.

*Taeniotes affinis* Breuning, 1935

*Taeniotes affinis* Breuning, 1935b: 62.

**Type status**

Holotype.

**Type locality**

Peru: Chanchamayo [Peru, Junín, Chanchamayo].

**Remarks**

Paratypes from Ecuador (Bolívar): Balzapamba, S.R. Haensch leg. n° 41377 deposited at USNM (ex F. Tippmann collection).

**Current status**

Valid species.

*Tetroropsis ciliata* Breuning, 1940

*Tetroropsis ciliata* Breuning, 1940a: 78.

**Type status**

Holotype.

**Type locality**

Neu-Süd-Wales: Tweed River [Australia, New South Wales].

**Current status**

Valid species.

*Thercladodes ochripennis* Breuning, 1940

*Thercladodes ochripennis* Breuning, 1940b: 151.

*Cloniocerus ochripennis* Breuning, 1950c: 415.

**Type status**

Holotype.

**Type locality**

Tanganjika Territorium: Usambara Gebirge [Tanzania, Tanganjika, Usambara (1600 m)].

**Current status**

Valid species; currently under the combination *Cloniocerus ochripennis* (Breuning, 1940).

*Tragiscoschema elegantissimum* Breuning, 1934

*Tragiscoschema elegantissimum* – Breuning 1934: 20. — Teocchi & Sudre 2003: 1 (neotype).

**Type status**

Holotype (♀).

**Type locality**

Territoire du Tanganyika [Tanzania, Tanganjika].

**Current status**

Valid species.

**Remarks**

Téocchi & Sudre (2003) designated a neotype from Kenya (Voi env. & Sagala Hills, Coastal prov., 23 Nov.–4 Dec. 2000, Michal Bednarik leg.). The neotype is deposited at E. Jiroux-J. Ph. Legrand Collection (Andrésey, France).

*Tragocephala gracillima* Breuning, 1934

*Tragocephala gracillima* Breuning, 1934: 70.

**Type status**

Holotype (♀).



**Type locality**

Congo Belge: District de l'Oubangui (Duma) [D.R. Congo].

**Current status**

Valid species.

*Tragon pulcher* Breuning, 1942

*Tragon pulcher* Breuning, 1942b: 146.

**Type status**

Holotype.

**Type locality**

Cameroun: Mundame, Mukonje Farm [Cameroon, Mundame].

**Current status**

Valid species.

*Trichoparmenonta hoegei* Breuning, 1943

*Trichoparmenonta Högei* Breuning, 1943: 36.

*Trichoparmenonta hoegei* Breuning, 1971: 322 (emendation).

**Type status**

Holotype.

**Type locality**

Sud-Mexico [Mexico].

**Current status**

Valid species.

*Zaeeroides luzonica* Breuning, 1938

*Zaeeroides luzonica* Breuning, 1938a: 347.

**Type status**

Holotype (♀).

**Type locality**

Luzon: Laguna [Philippines, Luzon, Laguna].

**Current status**

Valid species.

*Zaeeropsis godeffroyi* Breuning, 1943

*Zaeeropsis godeffroyi* Breuning, 1943: 30.

*Rhytiphora godeffroyi* Ślipiński & Escalona, 2013: 204.

**Type status**

Holotype.

**Type locality**

Australien: Gayndah [Australia, Queensland].

**Current status**

Valid species, known as *Rhytiphora godeffroyi* (Breuning, 1943).

Subfamily Prioninae Latreille, 1802

***Opheltes cariosicollis*** Fairmaire, 1877

*Opheltes cariosicollis* Fairmaire, 1877: 167.

*Stenodontes (Nothopleurus) cariosicollis* Lameere, 1902: 96.

*Nothopleurus cariosicollis* Dillon & Dillon, 1952: 4.

*Olethrius cariosicollis* Santos-Silva *et al.*, 2010: 7.

**Type status**

Syntypes, (1 ♂, 1 ♀).

**Type locality**

Kadavu, Viti Inseln [Fiji].

**Current status**

Valid species, currently under the combination *Olethrius cariosicollis* (Fairmaire, 1877).

**Remarks**

Another syntype may be present at MNHN (ex collection Fairmaire).

***Rhaphipodus gahani*** Lameere, 1903

*Rhaphipodus (Rhaphipodus) Gahani* Lameere, 1903: 72.

**Type status**

Holotype (♂).

**Type locality**

Nord de l'Inde, Darjeeling [India; West Bengal, Darjeeling].

**Current status**

Valid species.

**Name published at subspecific rank**

Subfamily Lamiinae Latreille, 1825

*Megalofrea bioculata* var. *breuningi* Lepesme & Villiers, 1944  
Figs 21–22

*Megalofrea bioculata* var. *breuningi* Lepesme & Villiers, 1944: 74.

**Syntype**

MADAGASCAR • 4 exs; “Maroentsetra / Madagascar // *Megalofrea* / *bioculata* Frm. / v. *Breuningi* / Lep. et. Vill. / P. Lepesme det. // COTYPE // Sammlung / P. Lepesme / Eing. Nr. 2, 1949 // ZMH 824653”; ZMH 824653.

**Type locality**

Tananarive and Maroentsétra, Madagascar.

**Current status**

Synonym of *Megalofrea bioculata* (Fairmaire, 1889).

**Remarks**

Available name as subspecies of *Megalofrea bioculata* (Fairmaire, 1889). The original description lists two syntypes from Tananarive deposited at the MNHN and one from Maroentsetra in the collection of Lepesme (cited above). Three more specimens labelled as cotypes in the ZMH (one from Tananarive, two from Maroentsetra) do not belong to the type series since they do not correspond to the number of specimens cited in the description and do not bear original type labels.

**Names published at infrasubspecific rank**

Subfamily Lamiinae Latreille, 1825

*Ceroplesis sumptuosa* m. *reducta* Breuning, 1937

*Ceroplesis sumptuosa* Pascoe, 1875: 66.

*Ceroplesis sumptuosa* m. *reducta* – Breuning 1937: 252.

**Type status**

Holotype (♀).

**Type locality**

Transvaal: Pretoria [South Africa, Province of Transvaal].

**Current status**

Unavailable name. Morph described by Breuning currently deemed an intraspecific variation of *Ceroplesis sumptuosa* Pascoe, 1875.

*Microtragus arachne* m. *obscurus* Breuning, 1950

*Microtragus arachne* Pascoe, 1865: 361.

*Microtragus arachne* m. *obscurus* Breuning, 1950b: 123.

**Type status**

Holotype.

**Type locality**

Australia (Queensland), Peak Downs.

**Current status**

Unavailable name. Morph described by Breuning currently deemed an intraspecific variation of *Microtragus arachne* Pascoe, 1865.

*Olenecamptus siamensis* m. *reducta* Breuning, 1940

*Olenecamptus siamensis* Breuning, 1936a: 319.

*Olenecamptus siamensis* m. *reducta* Breuning, 1940c: 549.

**Type status**

Holotype.

**Type locality**

Sumatra [Indonesia, Sumatra].

**Current status**

Unavailable name. Morph described by Breuning currently deemed an intraspecific variation of *Olenecamptus siamensis* Breuning, 1936.

*Prosopocera (Alphitopola) aemilii* ab. *albida* Breuning, 1936

*Prosopocera aemilii* Aurivillius, 1907: 112.

*Prosopocera (Alphitopola) aemilii* ab. *albida* Breuning, 1936b: 197.

**Type status**

Holotype (♂).

**Type locality**

Cameroun: Mundame [Cameroon, Mundame].

**Current status**

Unavailable name. Aberration described by Breuning, currently deemed an intraspecific variation of *Prosopocera (Alphitopola) aemilii* Aurivillius, 1907.

**Discussion**

As a result of the re-curation of the longhorn beetle collection of the ZMH, we could identify and assess the validity of the type-material deposited at the ZMH. In summary, in the ZMH collection, there is one primary-type (holotype) and secondary-types of eight specific names. Additionally, we note that most primary types, originally deposited in the collection, were likely destroyed during the Second World War, including types of 103 names. We hope that this catalog helps to establish the basis for further research, and update the knowledge regarding this important material.

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