



Catalog of the types of Staphylinidae (Insecta, Coleoptera) deposited at Museo de La Plata (Argentina)

LILIANA A. FERNANDEZ¹, NORA CABRERA¹, MARIANA CHANI POSSE² &
CECILIA GABELLONE¹

¹División Entomología, Museo de La Plata, Paseo del Bosque s/n, 1900 La Plata, Buenos Aires, Argentina.

E-mail: liliafer@museo.fcnym.unlp.edu.ar

²Laboratorio de Entomología, Instituto Argentino de Investigaciones de las Zonas Áridas (IADIZA, CRICYT), Casilla de Correo 507, 5500 Mendoza, Argentina. E-mail: mchani@lab.cricyt.edu.ar

Abstract

The types of species of Staphylinidae (Coleoptera) housed in the collection of the Entomology Department of Museo de La Plata were examined and listed. These types belong to 46 species assigned to the following subfamilies: Aleocharinae (6 species, 17 types), Megalopsidiinae (1, 4), Osoriinae (4, 19), Oxytelinae (5, 19), Paederinae (12, 32), Proteininae (1, 1), Pselaphinae (9, 17), Staphylininae (5, 15), Steninae (2, 4) and Tachyporinae (1, 20). Types herein treated belong to 34 species described by Bernhauer, eight by Raffray and four by Bruch. Complete information is given for each type, including reference to original description, label data, and preservation condition. Two lists were added in order to support future research: one for specimens labelled with manuscript names, and another for specimens labelled as types but not included in the type series in the original publications.

Key words: Coleoptera, Staphylinidae, types, Museo de La Plata, Bernhauer, Bruch, Raffray

Introduction

Staphylinidae comprises over 47,000 species, and is one of the most numerous families of Coleoptera. It includes nearly 5% of the currently known animal species, which are placed in approximately 3,400 genera grouped in 31 subfamilies (Newton & Thayer 2003). In spite of their ecological importance and dominance in many ecosystems, only the European fauna of Staphylinidae is taxonomically and ecologically well-known. In the rest of the world, particularly tropical and austral temperate areas the family is poorly known (Newton 1985, Newton *et al.* 2000). The most recent world catalogue for the family was published in seven parts by Herman (2001) and includes 27 of the 31 subfamilies currently known. Aleocharinae, Paederinae, Scaphidiinae, and Pselaphinae were not included in this work, although the last two subfamilies are treated by Löbl (1997) and Newton and Chandler (1989; only genera and higher levels), respectively.

In Argentina, 19 subfamilies are represented, 10 of which have world-wide distribution, and two other are widespread. Among those subfamilies with world-wide distribution, Aleocharinae, Pselaphinae, Paederinae and Staphylininae account for 83% of the 301 genera currently cited for Argentina (Herman 2001, Newton, pers.com.) followed by Osoriinae (5%), Omaliinae, Oxytelinae and Tachyporinae (2–3%), Scaphidiinae and Proteininae (about 1%). Each of the nine remaining subfamilies is represented by a single genus in Argentina (Chani Posse & Thayer, in press). Although the first contributions to the local knowledge of Staphylinidae were mainly made during the second half of the 19th century (i.e., Fairmaire & Germain 1861; Lynch-Arribáizaga 1884), most significant progress was made in the first half of the 20th century by Bernhauer

(1906, 1908, 1909, 1911, 1912a, b, c, 1916a, b, 1917a, b, c, 1921a, b, c, 1922, 1923, 1925, 1927, 1933, 1934a, b, 1939), who described over 400 species, Brèthes (1902, 1916, 1926), Pic (1916, 1928a, b, 1930), Bruch (1915, 1918, 1932, 1933, 1937, 1940, 1942), Blackwelder (1943, 1944, 1952) and Raffray (1908, 1912a, b). Type material of these species are mainly housed in the museums: Muséum National d' Histoire Naturelle (Paris), Museo Argentino de Ciencias Naturales "Bernardino Rivadavia" (Buenos Aires), Museo de La Plata, Field Museum of Natural History (Chicago) and Hungarian Natural History Museum (Budapest) (Chani Posse & Thayer, in press).

The entomological collection of the Museo de La Plata houses 147 type specimens of Staphylinidae. Types herein treated belong to 34 species described by Bernhauer, eight by Raffray and four by Bruch. Label information was compared to the original descriptions to evaluate the type status of the specimens.

The thirty four species of Staphylinidae described by Bernhauer were based largely on material collected in Argentina, Brazil and Uruguay by Bosq, Bruch, Denier, Plaumann, Richter, Silvestri, Tremoleras, Viana and Weiser. In most cases, Bernhauer handwrote the specific name of a new taxon followed by the word "Cotypus", "Typus", or their abbreviations on a small yellow label (rarely white), attached below the locality label (Figs. 1–3). In these descriptions Bernhauer did not mention the number of specimens included in the type series and did not use the word "holotype". Since in none of the 34 descriptions, Bernhauer explicitly stated that only one specimen was included in the type series, we assumed that the species were based on series of syntypes (Recommendation 73F: ICZN (1999)). In most cases only one specimen of the type series carries Bernhauer's original label, while the others have labels presumably added by Bruch at a later date. Bruch used to copy the species names of the types on to his own labels, most of them with a red or green frame. He added two labels to Bernhauer's types: a green, red or white label with the word "cotypus" or "sintipo" impressed on it, and a white label with the words "Bernhauer determ." impressed on it (Figs. 4–5).

For his own species Bruch would handwrite the species name on his own label, and add another label with the word "typus", "holotipo" or "cotypus" (Figs. 6–8).

Each type specimen of Raffray bears three labels: a white impressed label with locality data, a green label with the word "cotypus" printed on it, and, finally, a white label with the species name (handwritten) (Fig. 9).

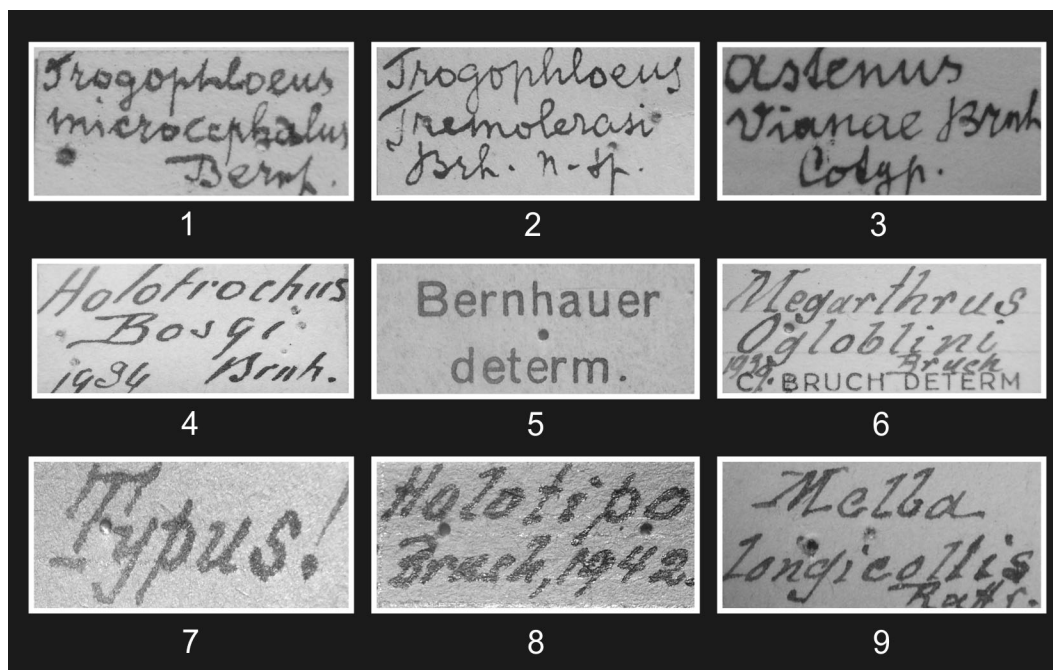
Some specimens in the collection are labelled as types, but their species names were not found in the literature, and assumed to have never been published. These manuscript names are not available, and listed separately (List 2). The purpose of this list is not to make the names available but to assist future research.

Specimens labelled as types, but not listed in the original publication (e.g., specimens collected after the publication of the description or specimens collected in localities not mentioned in the description) cannot be accepted as members of the type series. These specimens are included in the third list.

In all three lists the types and non-type specimens are arranged initially by subfamily (listed alphabetically), and then alphabetically by species name. Classification of the family-group names follows that of Newton and Thayer (2003).

The following information is provided for each type specimen:

- 1) Species name in the original combination (basionym).
- 2) Bibliographic reference to the original publication.
- 3) Type status (holotype, syntype or paratype), collection number and the number of specimens. All specimens of the same series have been given the same collection number followed by a slash and individual specimen order number.
- 4) Collection data: literal citation of country, province or state, locality, date of collection, collector's name.
- 5) Remarks. Further information about the type specimens contained in the original description is occasionally provided here. Additionally, this section mentions damaged specimens. It also contains information on the current status of the name.



FIGURES 1–9. Selected labels on type specimens in Museo de La Plata. 1–3, type designation handwritten by Bernhauer; 4, additional white label with red frame presumably added by Bruch; 5, Bernhauer collection label; 6, type designation handwritten by Bruch; 7–8, Bruch handwritten labels indicating types; 9, type designation handwritten by Raffray.

List 1. Types

ALEOCHARINAE

bruchiana Bernhauer 1912a: 74 (*Atheta*)

Syntypes (4) MLP 214/1-4. “ARGENTINA, Prov. Buenos Aires; 7-VIII-1911” / “Cotypus” printed on green label / “*Atheta bruchianus* Brnh.” handwritten by Bruch on white label with red frame / “Bernhauer determ.” / “Wirlsameise, *Atta (Mollerius) Heyeri*, Fol.; 2030”, handwritten / specimen of ant glued to a white label.

Remarks. The original publication mentions the locality of Buenos Aires Province: Carhué.

densula Bernhauer 1934b: 220–221 (*Gyrophaena*)

Syntypes (2) MLP 202/1-2. “ARGENTINA, Misiones, Loreto; IV-1931”; “Bosq” [reverse] handwritten / “Cotypus” printed on green label / “41” / “*Gyrophaena densula* n. sp. Brnh.”; “1932” [reverse] handwritten by Bruch on white label with green frame.

Remarks. The original publication only mentioned Misiones Province without its locality: Loreto.

grandiceps Bernhauer 1912a: 75 (*Atheta*)

Syntype MLP 216. “ARGENTINA, Buenos Aires, 7-8-1911; C. Bruch” / “Cotypus” printed on green label / “Bernhauer determ.” / “*Atheta grandiceps* Brh.” handwritten / “Wirlsameise *Atta (Mollerius) Heyeri* Fol.” handwritten / “2033”.

myrmecophila Bernhauer 1912a: 77 (*Atheta*)

Syntypes (4) MLP 217/1-4. “ARGENTINA, Prov. Buenos Aires; 7-VIII-1911; C. Bruch” / “Cotypus”

printed on green label / “*Atheta myrmecophila* Brnh.” handwritten by Bruch on white label with red frame / “Wirksameise, *Atta (Mollerius) Heyeri*, Fol.” handwritten / “2032”/ specimen of ant glued to a white label.

Remarks. The original publication mentions the locality of Carhué.

***neotropica* Bernhauer 1912a: 78 (*Notothecta*)**

Syntypes (3) MLP 220/1-3. “ARGENTINA, Buenos Aires; 7-VIII-1911; C. Bruch” / “Cotypus” printed on green label / “*Atheta neotropica*, Brh.” handwritten / “Wirksameise, *Atta (Mollerius) Heyeri*, Fol.”, handwritten.

Remarks. The original publication mentions the locality of Carhué.

***republicana* Bernhauer 1921b: 177 (*Homalota*)**

Syntype MLP 209/1. “ARGENTINA, Misiones; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*Homalota republicana* Brh.” handwritten by Bernhauer / “2813”.

Syntype MLP 209/2. “ARGENTINA, Misiones; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “2813”.

Remarks. Pace (1983) designated this species the type of the genus *Plesiomalota* Pace, 1983.

MEGALOPSIDIINAE

***vianai* Bernhauer 1939: 235–236 (*Megalopsidia*)**

Syntypes (2) MLP 115/1-2. “ARGENTINA, Buenos Aires, Dique Luján; 6-1938; M. J. Viana” / “70” / “*Megalopsidia vianai* Brnh. n. sp.” handwritten by Bernhauer / “Sintipo” printed on white label.

Syntypes (2) MLP 115/3-4. “ARGENTINA, Buenos Aires, Dique Luján; 6-1938; M. J. Viana” / “70” / “Sintipo” printed on white label.

Remarks. The valid combination is *Megalopinus vianai* (Bernhauer) (Herman, 2001).

OSORIINAE

***bosqi* Bernhauer 1939: 235 (*Holotrochus*)**

Syntypes (4) MLP 112/1–4. “ARGENTINA, Tucumán, Siambón; VII-1933” / “Cotype” handwritten on green label / “*Holotrochus bosqi* 1934 Brnh.” handwritten by Bruch on white label with green frame.

Syntypes (8) MLP 112/5–13. “ARGENTINA, Tucumán, Siambón; VII-1933” / “Cotype” handwritten on green label.

***bruchii* Bernhauer 1921b: 170–171 (*Lispinus*)**

Syntypes (3) MLP 106/1-3. “ARGENTINA, Prov. Catamarca; 17-II-1912; C. Bruch” / “Cotypus” printed on green label / “*Lispinusbruchii* Brnh.” handwritten.

***ogloblini* Bruch 1942: 138–140 (*Euctenopsia*)**

Holotype MLP 234. “ARGENTINA, est. exp. Loreto (Misiones, Arg.); Dr. A. A. Oglobin”; “27-IX-1933” [reverse] / male genitalia glued to white label/ specimen of ant glued to a white label/ “1422” / “2063” / “Holotipo, Bruch 1942” handwritten by Bruch on a red label / “*Euctenopsia ogloblini* Bruch 1942”, handwritten by Bruch on white label; “C. Bruch determ.”, printed.

vianai Bernhauer 1939: 234–235 (*Holotrochus*)

Syntype MLP 113/1. “ARGENTINA, Chaco; II-1936; M. J.Viana” / “50” / “*Holotrochus vianai* Brh.; Cotyp.” handwritten by Bernhauer on white label.

Syntype MLP 113/2. “ARGENTINA, Chaco; II-1936; M. J.Viana” / “50” / “Sintipo” printed on white label.

OXYTELINAE

fernandezii Bernhauer 1939: 234 (*Bledius*)

Syntype MLP 103. “URUGUAY, Canelones, Atlántida; 15-X-33” / “Paratipo” handwritten on green label / “*Bledius fernandezii* Bruch.” handwritten by Bernhauer / “Sintipo” printed on white label.

Remarks. This specimen is damaged: only parts of the head, thorax and abdomen remaining.

microcephalus Bernhauer 1939:232 (*Trogophloeus*)

Syntypes (2) MLP 091/1-2. “ARGENTINA, Bs. As., Tigre; 1938; M. J. Viana” / “*Trogophloeus microcephalus* Brnph. cotyp.” handwritten by Bernhauer.

Syntypes (7) MLP 091/3-9. “ARGENTINA, Bs. As., Tigre; 6-1938; M. J. Viana” / “*Trogophloeus microcephalus* Brnph.” handwritten by Bernhauer / “Sintipo” printed on white label.

Syntype MLP 091/10. “ARGENTINA, Bs. As., Tigre; 1938; M. J. Viana” / “*Trogophloeus microcephalus* Brnph” handwritten by Bernhauer / “Sintipo” printed on white label.

Remarks. The valid combination is *Carpelimus microcephalus* (Bernhauer) (Herman, 2001).

richterii Bernhauer 1912c: 32 (*Thinobius*)

Syntype MLP 105. “ARGENTINA, Prov. Buenos Aires; Richter” / “Typus” printed on green label / “Bernhauer determ.” / “340” / “*Thinobius richterii* Bernh.; 340” handwritten by Bruch on white label with red frame.

Remarks. There is only the abdomen of the specimen glued to a white label.

tremolerasii Bernhauer 1912c: 32 (*Trogophloeus*)

Syntype MLP 094/1. “URUGUAY, Montevideo; J. Tremoleras; a la lámpara”; “18-XII-08” [reverse] / “Cotypus” handwritten on red label / “*Trogophloeus tremolerasii* Brh. n. sp.” handwritten by Bernhauer on white label / “*Trogophloeus tremolerasii* Bernh. M. Bernhauer determ.” handwritten.

Syntype MLP 094/2. “URUGUAY, Montevideo; J. Tremoleras; a la lámpara”; “18-XII-08” [reverse] / “Cotypus” handwritten on red label / “*Trogophloeus tremolerasii* Bernh. M. Bernhauer determ.” handwritten / “4753; 36”.

Syntype MLP 094/3. “URUGUAY, Montevideo; J. Tremoleras; a la lámpara”; “18-XII-08” [reverse] / “Cotypus” handwritten on red label / “*Trogophloeus tremolerasii* Bernh. M. Bernhauer determ.” handwritten / “4754; 36”.

Syntype MLP 094/4. “URUGUAY, Montevideo; J. Tremoleras; 13-I-09; a la lámpara” / “Cotypus” handwritten on red label / “*Trogophloeus tremolerasii* Bernh. M. Bernhauer determ.” handwritten / “4755; 36”.

Syntype MLP 094/5. “URUGUAY, Montevideo; J. Tremoleras; 13-I-09; a la lámpara” / “Cotypus” handwritten on red label / “*Trogophloeus tremolerasii* Bernh.; M. Bernhauer determ.” handwritten / “4756; 36”.

Remarks. The valid combination is *Carpelimus tremolerasii* (Bernhauer) (Herman 1970).

vianai Bernhauer 1939: 233 (*Trogophloeus*)

Syntype MLP 095/1. “ARGENTINA, Bs. As., Tigre; M. J. Viana; 1938” / “34” / “*Trogophloeus vianai*

Brh.; cotyp.” handwritten by Bernhauer.

Syntype MLP 095/2. “ARGENTINA, Bs. As., Tigre; M. J. Viana; 5-1938” / “171” / “*Trogophloeus vianai* Brh.” handwritten by Bernhauer / “Sintipo” printed on white label.

Remarks. The valid combination is *Carpelimus vianai* (Bernhauer) (Herman 1970).

PAEDERINAE

bonariense Bernhauer 1911: 409 (*Cryptobium*)

Syntype MLP 142/1. “ARGENTINA, Prov. Buenos Aires; Richter” / “Cotypus” printed on green label / “Bernhauer determ.” printed / “*bonariense* Brh.” handwritten by Bernhauer / “2404”.

Syntype MLP 142/2. “ARGENTINA, Prov. Buenos Aires; Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “2404” / “*Cryptobium bonariense* Bernh.; 2404” handwritten by Bruch on white label with red frame.

corumbanum Bernhauer 1911: 411–412 (*Cryptobium*)

Syntype MLP 143. “BRASIL, Alto Paraguay, Corumbá; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*corumbanum* Brh.; typ.” handwritten by Bernhauer / “2407”.

Remarks. The current valid combination is *Ochtheophilum corumbanum* (Blackwelder 1944).

denieri Bernhauer 1939: 243–244 (*Stannoderus*)

Paratypes (2) MLP 155/1-2. “ARGENTINA, Salta; S. Victoria; 4-VII-1933; Denier leg.” / “Paratipo” handwritten on green printed label / “*Stannoderus denieri* Berh.” handwritten.

Paratypes (4) MLP 155/3-6. “ARGENTINA, Salta” / “Paratipo” printed on green label.

diversiceps Bernhauer 1939:245 (*Echiaster*)

Syntype MLP 160/1. “ARGENTINA, Buenos Aires, Tigre; 6-1938; M. J. Viana” / “76” / “*Echiaster diversiceps* Brnh. n. sp.” handwritten by Bernhauer / “Sintipo” printed on white label.

Syntype MLP 160/2. “ARGENTINA, Buenos Aires, Tigre; 6-1938; M. J. Viana” / “76” / “Sintipo” printed on white label.

dubium Bernhauer 1934a: 114–115 (*Cryptobium*)

Syntype MLP 145. “ARGENTINA, Prov. Buenos Aires; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*Cryptobium dubiosum* Brh.” handwritten by Bernhauer / “2716”.

Remarks. The current valid combination is *Ochtheophilum dubium* (Blackwelder 1944). Bernhauer wrote *dubiosum* in the label whereas the original publication mentions *dubium*. Although Bernhauer (1934a) describes “*dubiosum*” as a new species from Brazil in a footnote within the description given for “*dubium*”, there is no doubt that this specimen is *Ochtheophilum dubium*.

richteri Bernhauer 1911: 408–409 (*Cryptobium*)

Syntype MLP 153/1. “ARGENTINA, Prov. Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*Cryptobium richteri* Brh. n. sp.” handwritten by Bernhauer / “401”.

Syntypes (3) MLP 153/2-4. “ARGENTINA, Prov. Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “401”.

Syntype MLP 153/5. “ARGENTINA, Prov. Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.”.

Syntype MLP 153/6. “ARGENTINA, Prov. Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “401” / “*Cryptobium richteri* Brh. n-sp.; 401” handwritten by Bruch on white label

with red frame.

***speculifrons* Bernhauer 1939: 238 (*Oedichirus*)**

Syntype MLP 168. “BRASIL, Nova Teutonia; 27° 11’ B.; 52° 23’ L.; Fritz Plaumann” / “99” / “*Oedichirus speculifrons* Brnh. n. sp.” handwritten by Bernhauer / “Sintipo” printed on white label.

***tucumanensis* Bernhauer 1939: 247 (*Scopaeus*)**

Syntypes (2) MLP 130/1-2. “ARGENTINA, Tucumán, Río de la Tacanas; VII-1933; Bosq” / “65” / “Cotype” handwritten on green label / “*Scopaeus tucumanensis* Brnh.; 1934” handwritten by Bruch on white label with green frame.

***vagans* Bruch 1918: 187–190 (*Myrmecosaurus*)**

Syntype MLP 161. “ARGENTINA, Prov. Córdoba; C. Bruch” / “Cotypus” handwritten on green label / “*Myrmecosaurus myrmecovagans* Bruch”, handwritten by Bruch on white label; “C. Bruch determ.” printed / specimen of ant glued to a white card.

***vianai* Bernhauer 1939: 242–243 (*Astenus*)**

Syntypes (2) MLP 159/1-2. “ARGENTINA, Buenos Aires, Tigre; 1937; M. J. Viana” / “*Astenus vianai* Brnh., cotyp.” handwritten by Bernhauer / “6”.

Syntypes (2) MLP 159/3-4. “ARGENTINA, Buenos Aires, Tigre; 1937; M. J. Viana” / “6” / “Sintipo” printed on white label.

***vianai* Bernhauer 1939: 244–245 (*Monista*)**

Syntypes (2) MLP 132/1-2. “ARGENTINA, Buenos Aires, Tigre; 1937; M. J. Viana” / “II” / “*Monista vianae* Brnh.; cotyp.” handwritten by Bernhauer.

Syntypes (2) MLP 132/3-4. “ARGENTINA, Buenos Aires, Tigre; 1937; M. J. Viana” / “II” / “Sintipo” printed on white label.

***vianai* Bernhauer 1939: 242 (*Paederus*)**

Syntype MLP 140/1. “ARGENTINA, Buenos Aires, Tigre; 6-1938; M. J. Viana” / “85” / “*Paederus vianai* Brnh. n. sp.” handwritten by Bernhauer / “Sintipo” printed on white label.

Syntype MLP 140/2. “ARGENTINA, Buenos Aires, Tigre; 6-1938; M. J. Viana” / “Sintipo” printed on white label.

Syntype (2) MLP 140/3-4. “ARGENTINA, Buenos Aires, Tigre; 1939; M. J. Viana” / “*Paederus vianai* Brnh.” handwritten by Bernhauer / “Sintipo” printed on white label.

PROTEININAE

***ogloblini* Bruch 1940: 111–113 (*Megarthrus*)**

Holotype MLP 100. “ARGENTINA, Misiones, Loreto; Dr. A. A. Ogloblin; 15-V-1934” / “Typus” handwritten on red label / “*Megarthrus ogloblini* Bruch 1939” handwritten by Bruch on white label; “C. Bruch determ.” printed.

PSELAPHINAE

***attaphilus* Bruch 1933: 22–23 (*Oxarthrius*)**

Holotype MLP 3618. “ARGENTINA, Misiones; Est. Exp. Loreto Dr. A. A. Oglobin” / “nido de *Atta sexdens*” handwritten / “Typus!” handwritten on red label / “*Oxarthrius attaphilus* Bruch” handwritten by Bruch on white label; C. Bruch determ. printed / “3618”.

***frontalis* Raffray 1908: 71 (*Raxybis*)**

Syntype MLP 080. “ARGENTINA, Buenos Aires; Bruch” / “Cotypus” printed on green label / “*Raxybis frontalis* Raffr” handwritten on white label.

***griseopubescens* Raffray 1908: 73 (*Reichenbachia*)**

Syntypes (5) MLP 081/1-5. “ARGENTINA, Buenos Aires; Bruch” / “Cotypus” printed on green label / “*Reichenbachia griseopubescens*” handwritten on white label.

***longicollis* Raffray 1912a: 447–448 (*Melba*)**

Syntype MLP 077. “ARGENTINA, Buenos Aires; H. Richter” / “Cotypus” printed on green label / “mirmecófilo *Atta lundi*.” handwritten / “*Melba longicollis* Raffr.” handwritten on white label / “2950”.

***lutea* Raffray 1908: 72–73 (*Reinchenbachia*)**

Syntypes (3) MLP 082/1-3. “ARGENTINA, Buenos Aires; Bruch” / “Cotypus” printed on green label / “*Reinchenbachia lutea* Raffr.” handwritten on white label.

***punctulatus* Raffray 1912a: 450 (*Hamotoides*)**

Syntype MLP 086. “ARGENTINA, Buenos Aires; H. Richter” / “Cotypus” printed on green label / “mirmecófilo *Atta lundi*” handwritten / “*Hamotoides punctulatus* Raffr.” handwritten on white label / “2949”.

***rubripenne* Raffray 1908: 76–77 (*Decarthron*)**

Syntype MLP 085. “ARGENTINA, Buenos Aires; H. Richter” / “Cotypus” printed on green label / “*Decarthron rubripenne* Raffr.; tipo” handwritten on white label.

***simplex* Raffray 1908: 75 (*Decarthron*)**

Syntypes (2) MLP 083/1-2. “ARGENTINA, Buenos Aires; Bruch” / “Cotypus” printed on green label / “*Decarthron simplex* Raffr.” handwritten on white label.

Syntype MLP 083/3. “ARGENTINA, Buenos Aires; Bruch” / “Cotypus” printed on green label / “*Decarthron simplex* Raffr.; cotipo; 1818” handwritten on white label / “1818”.

***tuberculifer* Raffray 1912a: 449–450. (*Pselaptus*)**

Syntype MLP 079. “ARGENTINA, Buenos Aires; H. Richter” / “Cotypus” printed on green label / “*Pselaptus tuberculifer* Raffr.” handwritten on white label / “2952”.

STAPHYLININAE

***argentinus* Bernhauer 1916a: 278 (*Belonuchus*)**

Syntype MLP 178/1. “ARGENTINA, Misiones; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*argentinus* Brh.” handwritten by Bernhauer / “2829” / “*Belonuchus argentinus* Bernh.” handwritten by Bruch on white label with red frame / “828”.

Syntype MLP 178/2. “ARGENTINA, Misiones; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” printed / “2829”.

argentinus Bernhauer 1912c: 43–44 (*Philonthus*)

Syntype MLP 170/1. “ARGENTINA, Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*Philonthus argentinus* Brnh.” handwritten by Bernhauer / “389”.

Syntype MLP 170/2. “ARGENTINA, Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” printed on white label / “389”.

Syntype MLP 170/3. “ARGENTINA, Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*Philonthus argentinus* Brnh.” handwritten by Bernhauer.

Syntype MLP 170/4. “ARGENTINA, Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” printed on white label.

Syntype MLP 170/5. “ARGENTINA, Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*Philonthus argentinus* Brnh.” handwritten by Bernhauer.

Syntype MLP 170/6. “ARGENTINA, Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” printed on white label / “389”.

formicetorum Bernhauer 1912c: 46–47 (*Heterothops*)

Syntype MLP 183/1. “ARGENTINA, Prov. Buenos Aires; H. Richter” / “Cotypus” printed on green label / “in nido *atta lundii* H. Richter” printed on red label / “Bernhauer determ.” / “2811” / “*Heterothops formicetorum* Bernh; Mirmecoph. *atta lundii*; 2811”, handwritten by Bruch on white label with red frame.

Syntypes (3) MLP 183/2–4. “ARGENTINA, Prov. Buenos Aires; H. Richter” / “Cotypus” printed on green label / “in nido *atta lundii* H. Richter” printed on red label / “Bernhauer determ.” / “2811”.

Remarks: Original description mentions the following collecting dates: 30-VI-1911 and 7-VIII-1911.

richteri Bernhauer 1912b: 175 (*Xantholinus*).

Syntype MLP 195. “ARGENTINA, Tucumán; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*Xantholinus richteri* Bh.” handwritten by Bernhauer / “378” / handwritten “*Xantholinus richteri* Bernh.; 378” handwritten by Bruch on white label with red frame.

tremolerasi Bernhauer 1911: 415–416 (*Paraxenopygus*)

Syntype MLP 182/1. “URUGUAY, Canelones (Progreso); 25-I-1907” / “Cotypus” printed on red label / “*Paraxenopygus tremolerasi* Bhn. n. gen., n. sp.” handwritten by Bernhauer / “*Paraxenopygus tremolerasi* Bernh.; M. Bernhauer determ.”, handwritten.

Syntype MLP 182/2. “URUGUAY, Canelones (Progreso); 12-II-1907” / “Cotypus” printed on red label / “*Paraxenopygus tremolerasi* Bernh.; M. Bernhauer determ.”, handwritten / “5018; 36”.

STENINAE

crassipes Bernhauer 1912b: 169–170 (*Stenus*)

Syntype MLP 120. “ARGENTINA, Prov. Buenos Aires; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*crassipes* Brh.” handwritten by Bernhauer / “2574”.

Remarks. Puthz (1974) listed the holotype, two paratypes and one cotype of *S. crassipes*. However, in his description Bernhauer (1912b) did not use any of these words, and all types of *S. crassipes* should be considered syntypes.

metallescens Bernhauer 1911: 404 (*Stenus*)

Paralectotypes (2) MLP 121/1–2. “ARGENTINA, Prov. Buenos Aires; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “2011” / “*Stenus metallescens* Bernh.; 2011” handwritten by Bruch on

white label with red frame.

Paralectotype MLP 121/3. “ARGENTINA, Prov. Buenos Aires; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “2011”.

Remarks. Puthz (1974) listed the single type of *S. metallescens* from Bernhauer collection (Field Museum of Natural History, Chicago) as the holotype. However, in the original description Bernhauer (1911) did not specify how many specimens were included in the type series. According to Article 74.6 (ICZN 1999), Puthz (1974) designated the lectotype of *S. metallescens* by inference of “holotype”. Therefore, the types of *S. metallescens* deposited in Museo de La Plata are in fact paralectotypes.

TACHYPORINAE

bruchianus Bernhauer 1934b: 217–218 (*Coproporus*)

Syntypes (4) MLP 198/1-4. “ARGENTINA, Misiones, Loreto; IV-1931; Bosq” / “Cotypus” printed on green label / “38” / “*Coproporus bruchianus* Brnh.” handwritten by Bruch on white label with green frame; “Bruch determ. 1932” [reverse] handwritten.

Syntypes (15) MLP 198/5-19. “ARGENTINA, Misiones, Loreto; IV-1931; Bosq” / “38” / “Cotype” handwritten on green label.

Syntypes MLP 198/20. “ARGENTINA, Misiones, Loreto; IV-1931; Bosq” / “Cotype” handwritten on green label.

Remarks: The collecting date was not mentioned in the original publication.

List 2. Names not found in the literature and presumably not published

ALEOCHARINAE

aequalis Bernhauer (*Diestota*)

MLP 204/1. “ARGENTINA, Tucumán, Siambón; VII. 33; Bosq” / “Cotype” printed on green label / “86” / “*Diestota aequalis* 1934 Brnh.” handwritten by Bruch on white label with green frame.

MLP 204/2-4. “ARGENTINA, Tucumán, Siambón; VII. 1933”; “Bosq” [reverse] handwritten / “Cotype” handwritten on green label.

MLP 204/5-7. “ARGENTINA, Tucumán, Siambón; VII. 1933”; “Bosq” [reverse] handwritten / “66” / “28” / “Cotype” printed on green label.

aliena Bernhauer (*Homalota*)

MLP 208. “ARGENTINA, Misiones; H. Richter” / “Cotypus” printed on green label / “Bernhauer determ.” / “*Homalota aliena* Bh.” handwritten by Bernhauer / “2816” / “*Homalota aliena* Bernh.” handwritten by Bruch on white label with red frame; “2816”.

basiventris Bernhauer (*Thamiaraea*)

MLP 221. “ARGENTINA, Misiones, Loreto; IV-1931”; “Bosq” [reverse] handwritten / “Cotypus” printed on green label / “*Thamiaraea basiventris* Brnh. n. sp.” handwritten by Bruch on white label with green frame.

bruchii Bernhauer (*Falagria*)

MLP 211/1-2. “ARGENTINA, Tucumán, Siambón; VII-1933; Bosq” / “Cotype” handwritten on green

label / "10" / "*Falagria bruchi*, 1934, Brnh." handwritten by Bruch on white label with green frame.

MLP 211/3. "ARGENTINA, Salta, Candelaria; VII-1933"; "Bosq" [reverse] handwritten / "Cotype" handwritten on green label.

MLP 211/4. "ARGENTINA, Tucumán, Anfama; VII-1933; Bosq" / "Cotype" handwritten on green label.

***dubiosa* Bernhauer (*Gyrophæna*)**

MLP 203. "ARGENTINA, Misiones, Loreto; IV-1931" / "Cotypus" printed on green label / "38" / "*Gyrophæna dubiosa* Brnh." handwritten by Bruch on white label with green frame; [reverse] "1932".

***kochleri* Bernhauer (*Oxipoda*)**

MLP 229/1. "ARGENTINA, Candelaria; 22-VII-933; J. Bosq" / "Cotype" handwritten on green label / "25" / "*Oxipoda kochleri* Brnh., 1934" handwritten by Bruch on white label with green frame.

MLP 229/2. "ARGENTINA, Candelaria; 22-VII-933; J. Bosq" / "Cotype" handwritten on green label.

MLP 229/3-4. "ARGENTINA, Salta, Candelaria; VII-1933"; "Bosq" [reverse] handwritten / "Cotype" handwritten on green label.

***miranda* Bernhauer (*Aleochara*)**

MLP 230/1. "ARGENTINA, Tucumán, Río de las Tacanas; VII-1933"; "Bosq" [reverse] handwritten / "27" / "Typus" handwritten on green label / "*Aleochara miranda* Brnh." handwritten on white label.

MLP 230/2-3. "ARGENTINA, Tucumán, Anfama; VII-1933"; "Bosq" [reverse] handwritten / "Cotype" handwritten on green label / "*Aleochara miranda* 1934, Brnh." handwritten by Bruch on white label with green frame.

***oxypodina* Bernhauer (*Atheta*)**

MLP 218. "ARGENTINA, Buenos Aires, Isla Martín García; 1-1932; M. J. Viana" / "128" / "*Atheta oxypodina* Brnh."; "cotyp." handwritten by Bernhauer / "Sintipo" printed on white label.

***pumilio* Bernhauer (*Tropidera*)**

MLP 223/1. "ARGENTINA, Buenos Aires, Tigre; 6-1938; M. J. Viana" / "89" / "*Tropidera pumilio* Brnh. n. sp." handwritten by Bernhauer / "Sintipo" printed on white label.

MLP 223/2. "ARGENTINA, Buenos Aires, Tigre; 6-1938; M. J. Viana" / "89" / "Sintipo" printed on white label.

***richteri* Bernhauer (*Dinusella*)**

MLP 225/1. "ARGENTINA, Buenos Aires; H. Richter" / "Typus" printed on green label / "Bernhauer determ." / "in nido *atta lundii* 1"; "H. Richter" printed on red label / "2812" / "*Dinusella richteri* Bernh.; 2812" handwritten by Bruch on white label with red frame.

MLP 225/2-4. "ARGENTINA, Buenos Aires; H. Richter" / "Typus" printed on green label / "Bernhauer determ." / "in nido *Atta lundii* 2"; "H. Richter" printed on red label / "2812".

***tucumanensis* Bernhauer (*Falagria*)**

MLP 212/1-3. "ARGENTINA, Tucumán, Anfama; VII-1933"; "Bosq" [reverse] handwritten / "Cotype" handwritten on green label / 13 / "*Falagria tucumanensis*, 1934, Brnh." handwritten by Bruch on white label with green frame.

MLP 212/4-7. "ARGENTINA, Tucumán, Anfama; VII-1933"; "Bosq" [reverse] handwritten / "45" / "Cotype" handwritten on green label.

MLP 212/8-9. "ARGENTINA, Santiago del Estero, Campo Gallo; VI-1933"; "Bosq" [reverse] handwritten / "Cotype" handwritten on green label.

vianai Bernhauer (*Oligonotus*)

MLP 228. "ARGENTINA, Buenos Aires, Isla Martín García; 4-1937; M. J. Viana" / "97" / "*Oligonotus vianai* Brnh. n. sp." handwritten by Bernhauer / "Sintipo" printed on white label.

OXYTELINAE

dubius Bernhauer (*Trogophloeus*)

MLP 090. "ARGENTINA, Buenos Aires, Tigre; 5-1939; M. J. Viana" / "167" / "*Trogophloeus dubius* Brh. cotyp." handwritten by Bernhauer.

tigreanus Bernhauer (*Trogophloeus*)

MLP 93. "ARGENTINA, Buenos Aires, Isla Martín García; 4-1939; M. J. Viana" / "*Trogophloeus tigreanus* Brnh. n. sp." handwritten by Bernhauer / "Sintipo" printed on white label.

PAEDERINAE

angusticollis Bernhauer (*Palaminus*)

MLP 164/1. "BRASIL, Nova Teutonia; 27° 11' B.; 52° 23' L.; Fritz Plaumann" / "40" / "*Palaminus angusticollis* Brnh.; cotypus" handwritten by Bernhauer.

MLP 164/2-3. "BRASIL, Nova Teutonia; 27° 11' B.; 52° 23' L.; Fritz Plaumann" / "40" / "Sintipo" printed on white label.

bruchi Bernhauer (*Aspidothryx*)

MLP 233. "ARGENTINA, Entre Ríos" / "Typus" handwritten on green label / "*Aspidothryx bruchi* Brnh.; n. gen. n. sp." handwritten by Bruch on white label; "C. Bruch determ." printed / "1420".

bruchi Bernhauer (*Sciocharis*)

MLP 126/1. "ARGENTINA, Córdoba; 1-9-19...; C. Bruch" / "Cotypus" printed on green label / "*Sciocharis bruchi* Brnh." handwritten.

MLP 126/2. "ARGENTINA, Córdoba; C. Bruch" / "Cotypus" printed on green label / "*Sciocharis bruchi* Brnh." handwritten.

densithorax Bernhauer (*Cryptobium*)

MLP 144/ 1-2. "ARGENTINA, Buenos Aires, Tigre; 6-1938; M. J. Viana" / "84" / "*Cryptobium densithorax* Brh. n. sp." handwritten by Bernhauer / "Wo lieg. der fundert" handwritten by Bernhauer / "Sintipo" handwritten on white label.

MLP 144/ 3-4. "ARGENTINA, Buenos Aires, Tigre; 6-1938; M. J. Viana" / "84" / "Sintipo" handwritten on white label.

MLP 144/5. "URUGUAY, Montevideo, Drado; 16-11-34" / "Paratipo" handwritten on green label / "Bernhauer determ." handwritten by Bernhauer / "*Cryptobium densithorax* Brh." handwritten by Bernhauer on white folded label.

desideratus Bernhauer (*Lathropinus*)

MLP 162. "ARGENTINA, Misiones; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*desideratus*" handwritten by Bernhauer / "nonpublilis" handwritten by Bernhauer / "349" / "162".

***minutum* Bernhauer** (*Cryptobium*)

MLP 149. "ARGENTINA, Misiones; H. Richter" / "Bernhauer determ." / "Cotypus" printed on green label / "*minutum* Brh." handwritten by Bernhauer / "2920".

***monachus* Bernhauer** (*Lathropinus*)

MLP 163/1. "ARGENTINA, Buenos Aires; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*monachus* Brh." handwritten by Bernhauer / "*Lathropinus monachus* Bernh., 2402" handwritten by Bruch on white label with red frame.

MLP 163/2. "ARGENTINA, Buenos Aires; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "2402".

***myrmecophila* Bernhauer** (*Ophioglossa*)

MLP 210/3. "ARGENTINA, Buenos Aires; H. Richter" / "Cotypus" printed on green label / "mirmecófilo *Atta Lundi*" handwritten on gray label / "*Ophioglossa myrmecophila* Brnh." handwritten by Bruch on white label with red frame / "2815".

***obscurella* Bernhauer** (*Thinocharis*)

MLP 127/1. "ARGENTINA, Misiones; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*Thinocharis obscurella* Brh." handwritten by Bernhauer / "2927".

MLP 127/2. "ARGENTINA, Buenos Aires; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "in nido *Atta lundii*; H. Richter" printed on red label / "2036" / "*Thinocharis obscurella* Brh.; 2927" handwritten by Bruch on white label with red frame.

***piceolus* Bernhauer** (*Dibelonetes*)

MLP 158/1-3. "BRASIL, Nueva Teutonia; 27° 11' B; 52° 23' L; Fritz Plaumann" / "11-1938, M. J. Viana" / "102" / "*Dibelonetes piceolus* n. sp. Brnh." handwritten by Bernhauer / "Sintipo" printed on white label.

MLP 158/4-10. "BRASIL, Nueva Teutonia; 27° 11' B; 52° 23' L; Fritz Plaumann" / "11-1938, M. J. Viana" / "102" / "Sintipo" printed on white label.

***punctatellus* Bernhauer** (*Stilicus*)

MLP 133. "URUGUAY, Montevideo; J. Tremoleras; 21-XI-08" / "Cotypus" printed on red label / "*Stilicus punctatellus* Brh. n. sp." handwritten by Bernhauer / "4867; 36" / "763" / "*Stilicus punctatellus* Bernh.; M. Bernhauer determ." handwritten by Bernhauer on white label.

***richteri* Bernhauer** (*Lathrobium*)

MLP 135. "ARGENTINA, Buenos Aires; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*Lathrobium richteri* Bh." handwritten by Bernhauer / "2718".

***serpetinum* Bernhauer** (*Cryptobium*)

MLP 154. "BRASIL, Paraguay, Corumbá, Alto Paraguay; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*serpetinum* n. sp. Brh." handwritten by Bernhauer / "2406" / "*Cryptobium serpetinum* n. sp.; Brnh.; 2406" handwritten by Bruch on white label with red frame.

***tigreanus* Bernhauer** (*Myrmecomedon*)

MLP 128/1. "ARGENTINA, Buenos Aires, Tigre; 1938; M. J. Viana" / "159" / "*Myrmecomedon tigreanus* Brnh.; Cotyp." handwritten by Bernhauer.

MLP 128/2-6. "ARGENTINA, Buenos Aires, Tigre; 1938; M. J. Viana" / "159" / "Sintipo" printed on

white label.

MLP 128/7. "ARGENTINA, Buenos Aires, Isla Martín García; 5-1935; M. J. Viana" / "Sintipo" printed on white label.

vianai Bernhauer (*Lathrobium*)

MLP 136. "ARGENTINA, Buenos Aires, Tigre; 6-1938; M. J. Viana" / "129" / "*Lathrobium vianai* Brnh.; Cotyp." handwritten by Bernhauer.

weiseri Bruch (*Acalophaena*)

MLP 138. "ARGENTINA, Córdoba, La Granja (Alta Gracia); 1-8. IV-1920; C. Bruch" / "Cotypus" printed on green label / "*Acalophaena weiseri* Bruch." handwritten by Bruch.

PSELAPHINAE

richteri Bruch 1915: 305 (*Arthmius*)

MLP 78/1. "ARGENTINA, Tucumán; H. Richter" / "Cotypus" printed on green label / "*Arthmius richteri* ♀ n.sp. Raffr." handwritten on white label / "2945".

Remarks. This name was mentioned in Bruch's catalogue (1915) "in litteris" without a description.

STAPHYLININAE

angusticollis Bernhauer (*Neobisnius*)

MLP 169. "ARGENTINA, Buenos Aires, Isla Martín García; 1-1938; M. J. Viana" / "115" / "*Neobisnius angusticollis* Brnh. cotyp." handwritten by Bernhauer.

fernandezii Bernhauer (*Xantholinus*)

MLP 194. "URUGUAY, Montevideo, Cerro; 9-I-34" / "Paratipo" handwritten on green label / "Bernhauer determ." handwritten on white label / "*Xantholinus fernandezii* Brnh." handwritten by Bernhauer.

minor Bernhauer (*Belonuchus*)

MLP 180. "ARGENTINA, Misiones; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*minor* Brh." handwritten by Bernhauer / "2041" / "*Belonuchus minor* Bernh.; 2041" handwritten by Bruch on white label with red frame.

tucumanensis Bernhauer (*Heterothops*)

MLP 184/1-2. "ARGENTINA, Tucumán, Anfama; VII-1933"; "Bosq" [reverse] handwritten / "43" / "Cotypus" handwritten on green label / "11" / "*Heterothops tucumanensis* Bernh.; 1934" handwritten by Bruch on white label with green frame.

MLP 184/3. "ARGENTINA, Tucumán, Anfama; VII-1933"; "Bosq" [reverse] handwritten / "Cotypus" handwritten on green label.

MLP 184/4. "ARGENTINA, Salta, Candelaria; VII-1933"; "Bosq" [reverse] handwritten / "Cotypus" handwritten on green label.

MLP 184/5. "ARGENTINA, Tucumán, Río de las Tacanas; VII-1933"; "Bosq" [reverse] handwritten / "Cotypus" handwritten on green label.

***uniseriatus* Bernhauer** (*Xantholinus*)

MLP 196. "ARGENTINA, Buenos Aires; H. Richter"/ "Cotypus" printed on green label / "Bernhauer determ." / "*Xantholinus uniseriatus* Brh." handwritten by Bernhauer / "386".

***vianai* Bernhauer** (*Mimosticus*)

MLP 187/1. "ARGENTINA, Buenos Aires, Tigre; 1938; M. J. Viana" / "139" / "*Mimosticus vianai* Brn.; Cotyp." handwritten by Bernhauer.

MLP 187/2. "ARGENTINA, Buenos Aires, Tigre; 1938; M. J. Viana" / "*Mimosticus vianai* Brn.; cotyp." handwritten by Bernhauer.

MLP 187/3-4. "ARGENTINA, Buenos Aires, Tigre; 1938; M. J. Viana" / "87" / "*Mimosticus vianai* n. sp." handwritten by Bernhauer.

MLP 187/5. "ARGENTINA, Buenos Aires, Tigre; 1938; M. J. Viana" / "144" / "*Mimosticus vianai* Brnh." handwritten by Bernhauer / "Sintipo" printed on white label.

MLP 187/6-7. "ARGENTINA, Buenos Aires, Tigre; VI-1938; M. J. Viana" / "87" / "Sintipo" printed on white label.

MLP 187/8. "ARGENTINA, Buenos Aires, Tigre; 1938; M. J. Viana" / "139" / "Sintipo" printed on white label.

MLP 187/9. "ARGENTINA, Buenos Aires, Tigre; 1938; M. J. Viana" / "144" / "Sintipo" printed on white label.

STENINAE

***allicept* Bernhauer** (*Stenus*)

MLP 116. "ARGENTINA, Buenos Aires, Isla Martín García; 1-1938; M. J. Viana" / "*Stenus allicept* Brh.; Cotypus" handwritten by Bernhauer.

***pilosicauda* Bernhauer** (*Stenus*)

MLP 123. "ARGENTINA, Buenos Aires, Isla Martín García; 1-1938; M. J. Viana" / "*Stenus pilosicauda* Brnh.; Cotyp" handwritten by Bernhauer.

***plagicollis* Bernhauer** (*Stenus*)

MLP 124. "ARGENTINA, Buenos Aires, Isla Martín García; 6-1936; M. J. Viana" / "*Stenus plagicollis* Brnh.; Cotyp" handwritten by Bernhauer.

***tigreanus* Bernhauer** (*Stenus*)

MLP 125. "ARGENTINA, Buenos Aires, Isla Martín García; 1-1938; M. J. Viana" / "*Stenus tigreanus* Brnh. n. sp." handwritten by Bernhauer / "Sintipo" printed on white label.

List 3. Specimens labelled as types but in apparent contradiction with original description

ALEOCHARINAE

***argentina* Bernhauer 1921b: 176** (*Placusa*)

MLP 207/1. "ARGENTINA, Misiones; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*Placusa argentina* Bh." handwritten by Bernhauer / "*Placusa argentina* Bernh.; 2839" handwritten by Bruch on white label with red frame / "2839".

MLP 207/2. "ARGENTINA, Misiones; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "2839".

Remarks. This species was based on a single specimen, which is deposited at the Field Museum of Natural History (Chicago).

***attae* Bernhauer 1912a: 77–78 (*Notothecta*)**

MLP 219/1. "ARGENTINA, Prov. Buenos Aires; H. Richter" / "Cotypus" printed on green label / "in nido *Atta lundii* H. Richter" printed on red label / "Bernhauer determ." / "2813" / "*Notothecta attae* Bernh." handwritten by Bruch on white label with red frame; "2813" / "840".

MLP 219/2-4. "ARGENTINA, Buenos Aires; H. Richter" / "Cotypus" printed on green label / "in nido *Atta lundii* H. Richter" printed on red label / "Bernhauer determ." / "2813".

Remarks. This species was based on specimens collected by C. Bruch. The original description mentions the following collecting date: 15-III-1911.

***bosqi* Bernhauer 1934b:219 (*Gyrophaena*)**

MLP 201/1. "ARGENTINA, Misiones, Loreto; IV-1931" / "Cotypus" printed on green label / "43" / "*Gyrophaena bosqi* n. sp. Bernh" handwritten by Bruch on white label with green frame; "1932" [reverse].

MLP 201/2. "ARGENTINA, Misiones, Loreto; IV-1931"; "Bosq" [reverse] handwritten / "Cotypus" printed on green label / "43".

Remarks. This species was based on a single specimen, which is deposited at the Field Museum of Natural History (Chicago).

***daguerrei* Bruch, 1937: 132 (*Zyras*)**

MLP 224. "ARGENTINA, Salta, Tabacal; 14-VI-33; Daguerre" / "Typus" handwritten on green label / "*Zyras daguerrei* Bruch" handwritten on white label; "C. Bruch determ." printed on white label/ ant specimen mounted on white plate.

Remarks. In the original description Bruch (1937) mentioned four specimens: one in Dr. Reichensperger's collection, and three deposited at the Museo Argentino de Ciencias Naturales "Bernardino Rivadavia".

***luederwaldti* Bernhauer, 1908: 343–344 (*Apheloglossa*)**

MLP 205/1. "ARGENTINA, Prov. Buenos Aires; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*Apheloglossa luederwaldti* Brnh." handwritten white label with red frame; "2006".

Remarks. Buenos Aires was not mentioned in the original publication. The species was described from Brazil: "S. Paulo; Estacao Raiz da Serra; 15-2-07, Ihering" and the type(s) were deposited in "Museums in S. Paulo".

***richteri* Bernhauer 1912a: 82 (*Aleochara*)**

MLP 231. "ARGENTINA, H. Richter" / "Cotypus" printed on green label / "Comodoro Rivadavia" / "Bernhauer determ." / "2023" / "*Aleochara richteri* Brnh.; 2023" handwritten by Bruch on white label with red frame.

Remarks. This species was based on a single specimen, which is deposited at the Field Museum of Natural History (Chicago).

OSORIINAE

***gestroi* Bernhauer, 1909: 228–229 (*Rhopalophorus*)**

MLP 111. "ARGENTINA, Prov. Buenos Aires; 21-VI-1911"; C. Bruch / "Cotypus" printed on green label / "*Rhopalopoerus gestroi* Brh." handwritten on white label with red frame / "mirmecófilo *Atta lundī*" handwritten on white label / "2814".

Remarks. The specimen was collected after the species had been described. Original description mentions "Buenos Aires (Nuñez, VII, 98, Silvestri)".

***lucens* Bernhauer, 1906: 322 (*Lispinus*)**

MLP 107. "ARGENTINA, Misiones; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ."

Remarks. Misiones was not mentioned in the original description, this species was described from Brazil (Santa Catarina).

***strictus* Bernhauer, 1908: 225–226 (*Lispinus*)**

MLP 109. "ARGENTINA, Misiones; Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*Lispinus strictus* Brh." handwritten by Bernhauer / "2925".

Remarks. Misiones was not mentioned in the original publication, this species was described from Brazil: Rio de Janeiro, Parana: Vella vista (VII, 900, Dr. F. Silvestri).

OXYTELINAE

***argentinus* Bernhauer, 1912b: 167 (*Bledius*)**

MLP. 102. "ARGENTINA, Tucumán; C. Bruch" / "Typus" printed on green label / "*Bledius argentinus* Brnh." handwritten.

Remarks. Tucumán was not mentioned in the original publication, this species was described from Salta, based on specimens collected by H. Richter.

***parvipennis* Bernhauer, 1908: 288 (*Apocellus*)**

MLP 098/1. "ARGENTINA, Prov. Buenos Aires; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." printed on green label / "*Apocellus parvipennis* Brh." handwritten by Bernhauer / "2570".

MLP 098/2. "ARGENTINA, Prov. Buenos Aires; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." printed on white label / "2570".

Remarks. Buenos Aires was not mentioned in the original publication, this species was described from Paraguay (Drake).

***vianai* Bernhauer, 1939: 233 (*Trogophloeus*)**

MLP 095. "ARGENTINA, Bs. As., Isla Martín García; M. J. Viana; 1938" / "*Trogophloeus vianai* Brh." handwritten by Bernhauer / "Sintipo" printed on white label.

Remarks. Isla Martín García was not mentioned in the original publication, this species was described from Tigre.

PAEDERINAE

***bruchi* Bernhauer, 1923: 57–58 (*Latona*)**

MLP 141/1-2. "ARGENTINA, Tucumán, Ampana; VII-1933" / "Cotypus" handwritten on green label / "*Latona bruchi* var.; 1934; Brnh."

MLP 141/3-6. "ARGENTINA, Tucumán, Ampana; VII-1933" / "Cotypus" handwritten on green label.

Remarks. The collecting date is posterior to the original description.

***excellens* Bernhauer 1911: 411 (*Cryptobium*)**

MLP 146. "ARGENTINA, Prov. Buenos Aires; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*Cryptobium excellens* Brh." handwritten by Bernhauer / "2568".

Remarks. This species was based on specimens collected by C. Bruch. The current valid combination is *Ochtheophilum excellens* (Blackwelder 1944).

***minimum* Bernhauer, 1908: 314 (*Cryptobium*)**

MLP 148. "ARGENTINA, Prov. Buenos Aires; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." printed on green label / "*minimum* Brnh." handwritten by Bernhauer / "417".

Remarks. Buenos Aires was not mentioned in the original publication, this species was described from "Chaunar-region". The current valid combination is *Ochtheophilum minimum* (Blackwelder 1944).

***princeps* Bernhauer, 1908:324–325 (*Cryptobium*)**

MLP 151. "ARGENTINA, Tucumán; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." printed on white label / "*Cryptobium princeps* Brh." handwritten by Bernhauer / "2838".

Remarks. Tucumán was not mentioned in the original publication, this species was described from Paraguay. The current valid combination is *Ochtheophilum princeps* (Blackwelder 1944).

STAPHYLININAE

***kraatzi* Bernhauer, 1908: 326 (*Platyprosopus*)**

MLP 191/1. "ARGENTINA, Misiones; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*Platyprosopus kraatzi* Bernh." handwritten by Bernhauer / "364".

MLP 191/2. "ARGENTINA, Misiones; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "*Platyprosopus kraatzi* Bernh.; 364" handwritten on white label with red frame.

Remarks. Misiones was not mentioned in the original publication, this species was described from Paraguay.

STENINAE

***bonariensis* Bernhauer 1912b: 171 (*Stenus*)**

MLP 118. "ARGENTINA, Prov. Buenos Aires; H. Richter" / "Cotypus" printed on green label / "Bernhauer determ." / "384" / "*Hypostenus bonariensis* Bernh.; 384" handwritten by Bruch on white label with red frame / "808".

Remarks. This species was based on a single specimen, which is deposited at the Field Museum of Natural History (Chicago). According to Herman (2001) the current valid name of this species is *Stenus speculifrons* Fauvel, 1877. Puthz (1969) placed *S. bonariensis* in synonymy with *S. speculifrons*.

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