

A catalog of the types of Elateridae (Coleoptera) deposited in the Museo Argentino de Ciencias Naturales, Buenos Aires

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Abstract: The type specimens (all current categories) of Elateridae deposited in this Museum are catalogued: twenty-four names are recorded. The specific names are alphabetically entered a single list, followed by the generic ones in their original spellings. An account of the types actually here deposited follows, with a description of all the labels. Later combinations, and synonyms are mentioned insofar they are known to the authors. In order to assist in future research, two further lists are added: 1. of specimens labeled as types of names not found in the bibliography, and probably not published, and 2. of specimens labeled as types but not originally included in a type series, published or not after the original description (mainly 'allotypes').

Keywords: Type specimens, Elateridae, Coleoptera, Insecta.

Resumen: Catálogo de los tipos de Elateridae (Insecta, Coleoptera) depositados en el Museo Argentino de Ciencias Naturales, Buenos Aires. Se catalogan los ejemplares tipo de todas las categorías aceptadas de Elateridae depositados en este museo. Se registran veinticuatro nombres. Los nombres específicos se ordenan alfabéticamente; a estos siguen los genéricos, con la grafía original. Sigue la enumeración de los tipos efectivamente aquí presentes, con descripción de todos sus rótulos. Se mencionan las combinaciones ulteriores, y los sinónimos cuando son conocidos por los autores. Para facilitar futuras investigaciones, se agregan otras dos listas: 1. de ejemplares rotulados como tipos, de nombres no hallados en la bibliografía y probablemente no publicados, y 2. de los ejemplares rotulados como tipos, pero no incluidos originalmente en una serie típica, publicados o no después de la descripción original (principalmente 'alotipos').

Palabras clave: Ejemplares tipo, Elateridae, Coleoptera, Insecta.

INTRODUCTION

A catalog of the type specimens (all current categories) of Elateridae housed in the Entomological Division of this Museum is presented, referred to twenty-one available names; the specific names are alphabetically entered in a single series, each one being followed by the generic one, all with the original spellings; a brief bibliographic quoting follows, as well as a list of the specimens examined, if these were mentioned. An account of the type specimens actually here housed follows, with a description of all the labels. In geographic references, if the country is not mentioned, Argentina is meant. Later

nomenclatural or taxonomical changes are added, insofar they are known by the authors. Some comments are added in a *note*, as well as the current subfamilial and tribal assignation.

Most of the species dealt with were described by Schwarz (1896, 1900, 1904, 1906), some others by Burmeister (1875), Candèze (1896), Brèthes (1920) and Golbach (1979, 1987). The systematic and nomenclatural updating follows Bouchard *et al.* 2011.

For the identification of types not formally designated in the original publication, evidences from the labels or from the specimens are considered (art. 72.4 of the International Code of Zoological Nomenclature, 1999). If no types were

designated, and the amount of specimens examined was not stated, it is assumed that they are a series of syntypes (recommendation 73F of the Code), sometimes 'sole syntypes'. Some specimens in the collection are labeled as types of names not found in the literature, and assumed not to have been published. These names are probably not available in the sense of the Code; however, in order to assist in future research, they conform a separate list. Specimens labeled as types, but not included in the original publication, and specimens designated as types later, published or not, cannot be accepted as pertaining to the type series; however, also in order to assist in future research, they conform a further, separate list.

In his collection, Carlos Bruch used to copy on own labels (most of them with a red frame, a few with a green frame) the names of the species described by other authors, very often without adding an original label. Some specimens in the Bruch collection are labeled 'Cotypus': we include them as syntypes or as paratypes, depending on the context. All the specimens labeled as types bear a small inverted label, as "MACN-En 0000", referred to the data base of the collection of the Museum, managed after "Aurora" (Rodríguez 2007-2011).

This Museum is identified with **MACN**. Other repositories are identified as follows: **CBC**, Carlos Bruch coll, in MACN; **IFML**, Instituto Fundación Miguel Lillo, Tucumán, **HB**, Hermann Burmeister coll, in MACN.

CATALOG OF THE TYPES

andinus [*Pomachilius*]. Brèthes 1920: 36. Perú: Chanchamayo, leg. Vigil.

One synt. on a card, remounted (it has a pinhole), "C.R. Vigil Pérou" handwr. on grayish paper; "Repreparo / M. Viana / I-1960" handwr.; "Pomachilius / andinus / Brèthes" handwr. by Brèthes. We add "Typus" print. on red paper. "MACN-En / 8324" print., inverted.

Notes: The spec. bears no typus label. Record omitted by Schenkling (1927), and included in the *Corrigenda* by Blackwelder (1947: 1407). Currently in Elaterinae, Pomachiliini.

apicatus [*Pomachilius*]. Schwarz 1904: 73-74. Brasil, **two spec.** from Bruch.

One synt. on a card, "Rep. Brasil / 14.XI.1901 / C. Bruch" print., date handwr., black frame; "Typus" print. on pale green paper; "Pomachilius / apicatus / 25 n. sp. Schw." handwr. by Bruch,

red frame. "MACN-En / 8348" print., inverted. *Notes:* Labeled only by Bruch, not by Schwarz. Recorded as *Pomachilius apicatus* by Golbach (1994: 41). *Ex CBC*. Currently in Elaterinae, Pomachiliini.

argentinus [*Conoderus*]. Golbach 1987: 18-20, f. A. Tucumán: Trancas: Trancas 29.I.1982 **holot.**, Tucumán. Burruyacú, Siete de Abril, represa, 10.I.1982, in **IFML**; **ten parat.** in **MACN**; key to species.

Nine parat. on pointed cards, on five pins of two spec. each (one spec. lost) "R. Argentina / Tucuman. Dto. / Burruyacú - Chilcas / 10-25. XI.1979 / Col. R. Golbach" print.; all labels duplicated on each pin. **Four parat.** on rectangular transparent cards, **one of them** "R. Argentina / Tucuman / Dpto Burruyacú / Dique Las Colas / 8.I.1982 / Col. R. Golbach" print.; **two of them** "R. Argentina / Tucuman / Depto. Trancas / 29.I.1982" print.; **one of them** "R. Argentina / Santiago del Estero - El Remate / 11.I.1982 Col. R. Golbach" print. **All nine:** "Paratipo" print. on yellow paper, "Conoderus [print.] / argentinus [handwr.] / Det. R. Golbach [print.]", "MACN-En / 8356 [through 8364]" print., inverted.

Note: Recorded as *Conoderus argentinus* by Guzmán de Tomé & Aranda (2008: 571). Currently in Agrypninae, Oophorini.

atomus [*Cosmesus*]. Schwarz 1904: 80. Argentina: Buenos Aires?, **two spec.** from Bruch.

One synt.? on a card, "Rep. Argentina / Prov. Tucumán / IV.1897 / C. Bruch" print., date handwr.; "Typus" print. on pale green paper; "Cosmesus / atomus / typ. Schw." handwr. by Bruch, red frame. "MACN-En / 8343" print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. The localities differ, although Schwarz put a question mark to Buenos Aires; otherwise the labels seem authentic. Mentioned under *Mesembria* by Golbach in *litteris* 21.VIII.1991, and so recorded by him (1994: 38). *Ex CBC*. Currently in Elaterinae, Elaterini.

bruchi (*sub Bruchi*) [*Grammophorus* (*sic, pro Grammephorus*)]. Schwarz, 1904: 71-72. Argentina: Neuquen Prov., **two spec.** (a couple?) from Bruch, the sole Argentine species.

bruchi [*Duretia*]: Golbach 1984: 42. Type species by monotypy.

One synt. pinned, "Rep. Argentina / Gob.

Neuquen / 2.1898 / C. Bruch" print., date handwr., black frame; "Typus" print. on pale green paper; "Grammophorus / Bruchi / n. sp. 32 Schw." handwr. by Bruch, red frame. "MACN-En / 8340" print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. Transferred to *Duretia* n. gen., as the type species by Golbach (1984: 42); recorded as *Duretia bruchi* by Golbach (1994: 31).

Ex CBC. Currently in Elaterinae, Elaterini.

bruchi (sub **Bruchi**) [*Monadicus*]. Schwarz 1906: 142–143. Buenos Aires, several spec. from Bruch.

One synt. on a card, "Rep. Argentina / Prov. Buenos Aires / XII.1897 / C. Bruch" print., date handwr., black frame; "Schwarz det." print.; "Typus" print. on pale green paper; "Monadicus / Bruchi / tipo / Schw." handwr. by Bruch, red frame. "MACN-En / 8350" print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. Recorded under *Monadicusi* by Golbach (1994: 39). *Ex CBC.* Currently in Negastrinae, Negastrini.

bruchi (sub **Bruchi**) [*Pyrophorus*]. Candèze 1896: 66. Not seen; Córdoba, *vide Zool. Rec.*

bruchi (sub **Bruchi**) [*Pyrophorus*]: Bruch 1911: 250. Collected in Chaco; Córdoba is an error.

bruchi [*Fulgeochlizus*]: Costa 1975: 103, f. 125–128, 172. Type species of the new genus.

One synt. pinned, "Rep. Argentina / Gob. Chaco / 2.1895 / C. Bruch" print., date handwr., black frame; "Typus" print. on pale green paper; "Pyrophorus / Bruchi / Cand." handwr. by Bruch, red frame. "MACN-En / 8354" print., inverted.

Notes: Labeled only by Bruch, not by Candèze. Transferred to *Fulgeochlizus* n. gen. as the type species, and synonymized with *Pyrophorus lineatocollis* Schwarz 1906, by Costa (1975: 103, f. 125–128, 172). Recorded under *Fulgeochlizus* by Guzmán de Tomé & Aranda (2008: 571). *Ex CBC.* Currently in Agrypninae, Pyrophorini.

cosmesoides [*Parapomachilius*]. Schwarz 1906: 140–141. Mendoza, several spec., leg. Jensen-Haarup.

One synt. on a card, "Jensen / Haarup" handwr.; "Rep. Argentina / Prov. Mendoza / 190_ / C. Bruch" print., black frame; "Cotypus" print. on pale green paper; "Parapomachilius / cosmesoides / n. sp. Schw." handwr. by Bruch, remainings of a black frame. "MACN-En / 8355" print., inverted.

Notes: Labeled only by Bruch, not by Schwarz.

Currently in *Cosmesus* Eschscholtz 1829, *vide* Arnett (1955: 601) (*Parapomachilius* Schwarz 1900 is a synonym). Recorded as *Cosmesus cosmesoides* by Golbach (1994: 41) and Lawrence (2001). *Ex CBC.* Currently in Elaterinae, Elaterini.

costae [*Cardiorhinus*]. Golbach 1983: 160, 162–163, pl. II: 8, 9. Misiones Prov.

One parat. on a card, remounted (it has a pinhole), "Misiones / Bompland" print., remainings of a black frame; "Col. / C. Bruch" print., black frame; "Cardiorhinus [print.] / costae / n. sp. [handwr.] / det. R. Golbach 1981 [print., date handwr.]" on white paper; "Paratipo" print. on yellow paper. "MACN-En / 8736" print., inverted.

Note: *Ex CBC.* Currently in Elaterinae, Cardiorhinini.

crassiusculus [*Ischiodontus*]. Schwarz 1906: 106–107. Argentina.

One synt. on a card, "Rep. Argentina / Prov. Tucuman / I.1904 / C. Bruch" print., date handwr., black frame; "Cotypus" print. on pale green paper; "Ischiodontus / crassiusculus / Schw." handwr. by Bruch, black frame. "MACN-En / 8336" print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. Currently in *Dipropus*, *vide* Arnett (1962: 9) (*Ischiodontus* Candèze 1859 is a synonym). Recorded as *Dipropus crassiusculus* by Golbach (1994: 37) and Lawrence (2001). *Ex CBC.* Currently in Elaterinae Dicrepidiini.

cruciger [*Cosmesus*] Schwarz 1904: 79. Buenos Aires, **two** ♂, **one** ♀ from Bruch.

Three synt. side by side on one wide card, "Rep. Argentina / Prov. Buenos Aires / 4.1899 / C. Bruch" print., date handwr., black frame; "Typus" print. on pale green paper; "Cosmesus / cruciger / 32. n. sp. Schw." handwr. by Bruch, red frame. "MACN-En / 8344 [8345, 8346]" print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. Synonymized with *Cosmesus flavovittatus* Schwarz 1900 by Bruch (1911: 254), synonymy not accepted by Golbach, personal communication (*in litteris* 21.VIII.1991) nor by Golbach (1994: 38); Arnett (1955: 601) puts *Cosmesus* as a junior synonym of *Mesembria*. *Ex CBC.* Currently in Elaterinae Elaterini.

decorus [*Monocrepidius*]. Burmeister 1875: 267. [Entre Ríos Prov.:] Paraná, dec. 1858, only once on Umbelliferae.

Five synt. pinned, 1st, 2^d, 4th, and 5th ones without labels, 3^d one “Parana. / Dec” print. on green paper. We add “Monocrepidius / decorus / Burmeister 1875 / Syntypus?”. To the 4th same but “Syntypus? / Typus?” handwr. on red paper. “MACN-En / 8424 [8425, 8426, 8427, 8428]” print. inverted.

Notes: Recorded under *Conoderus* by Fleutiaux (1911: 252), Schenkling (1925: 114), Blackwelder (1944: 287) and Golbach (1994: 34), because of priority over *Monocrepidius*. Handwr. labels from Burmeister not found on the bottom of the drawer.

Ex HB. Currently in Agrypninae Oophorini Monocrepidiina.

elegantulus [*Aeolus*]. Burmeister 1875: 268. “Aus hiesiger Gegend” (from here around), one spec.

Holot. pinned, “Buen. / Aires” print. on green paper. We add “Holotypus” print. on red paper, and “Aeolus / elegantulus / Burmeister 1875 / Holotypus”, handwr. on red paper. “MACN-En / 8429” print., inverted.

Notes: Recorded as *Aeolus elegantulus* by Schenkling (1925: 122), Blackwelder (1944: 289), and Golbach (1994: 33). Handwr. labels from Burmeister (originally fastened on the bottom of the drawer) not found. *Ex HB.* Currently in Agrypninae Oophorini.

ferrugineomarginatus [*Monocrepidius*]. Brèthes 1920: 36–37. Perú: Chanchamayo, Vigil leg.

One synt.? on a card, remounted (it has a pinhole), “C.R. Vigil - Pérou” handwr. on grayish paper; “Repreparo / M. Viana / I-1960” handwr.; “Monocrepidius / ferrugineomarginatus Br.” handwr. by Brèthes. We add “Typus” print. on red paper. “MACN-En / 8325” print., inverted.

Notes: The spec. has no typus label, but otherwise it seems authentic. Recorded under *Conoderus* by Fleutiaux (1911: 252), Blackwelder (1944: 287) and Golbach (personal communication in *litteris* 21.VIII.1991), because of priority of *Conoderus* over *Monocrepidius*. Currently in Agrypninae Oophorini Monocrepidiina.

fulvescens [*Pomachilius*]. Schwarz 1904: 73. Buenos Aires, **two spec.** from Bruch, = *Megapenthes longicollis* Candèze in *litteris*.

One synt. on a card, “Rep. Argentina / Prov. Buenos Aires / 12.1897 / C. Bruch” print., date handwr., black frame; “Typus” print. on pale green paper; “Pomachilius / fulvescens / 24. n. sp.

Schw.” handwr. by Bruch, red frame. “MACN-En / 8349” print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. Recorded as *Pomachilius fulvescens* by Blackwelder (1944: 1407) and by Golbach (1994: 41). *Ex CBC.* Currently in Elaterinae Pomachiliini.

latifasciatus [*Aeolus*]. Schwarz 1906: 124. Brasil: Goyaz: Jatahy; with var. *ruficollis*.

One synt. on a card, “Jatahy / (Goyaz)” print.; “Schwarz det.” print; “Cotypus” print. on pale green paper; “Aeolus / latifasciatus / n. sp. Schw.” handwr. by Bruch, red frame. “MACN-En / 8330” print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. Recorded as *Aeolus latifasciatus* by Blackwelder (1944: 290) and by Golbach, personal communication in *litteris* 21.VIII.1991 *Ex CBC.* Currently in Agrypninae Oophorini Monocrepidiina.

latus [*Horistonotus*]. Golbach 1979: 412–414, f. 1–4. La Rioja Prov.: Iliar, km 128, 27487, leg. M. Gómez, **holot.** ♂ in **MACN**; Santiago del Estero Prov.: Los Tigres, **allot.** ♀ Tucumán Prov., and **parat.** in **IFML**.

Holot. ♂ pinned, “La Rioja / Iliar / 1928 Gómez” handwr. on green paper, reverse white; “27487” handwr., red frame; “♂” print.; “Holotipo” print. on red paper; “Horistonotus / latus / n. sp. [handwr.] / R. Golbach det. [print.]” on white paper. “MACN-En / 8326” print., inverted. Currently in Cardiophorinae Cardiophorini.

luteus [*Horistonotus*]. Schwarz 1906: 145–146. Mendoza, several spec. Jensen-Haarup leg.

Two synt. on cards, on one pin, “Jensen / Haarup” handwr.; “Rep. Argentina / Prov. Mendoza / 190_ / C. Bruch” print., black frame; “Cotypus” print. on pale green paper; “Horistonotus / luteus / Schw.” handwr. by Bruch, remainings of a black frame. “MACN-En / 8352 [8353]” print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. Recorded as *Horistonotus luteus* by Blackwelder (1944: 302), and by Golbach (1994:32). *Ex CBC.* Currently in Cardiophorinae Cardiophorini.

murinus [*Stibadoderus*]. Burmeister 1875: 272. Southern Patagonia: Santa Cruz Stream. **muri-nus** [*Stibadoderus*]; Golbach 1991: 84–86, f. 1–5. Redescription of the types.

Two synt. pinned, (one of them with part of an antenna on a card), “54” print. on green paper; “S. Cruz / Patag.” print. on green paper; “Holotipo”

["Allotipo"] print. on red paper; "Stibadoderus / murinus Burm. [handwr.] / R. Golbach det. 1988 [print.]" on white paper. We add "Stibadoderus / murinus / Burmeister 1875 / Syntypus" handwr. on red paper. "MACN-En / 8430 [8431]" print., inverted.

Notes: As no type, nor amount of spec. were mentioned, the labels "Holotipo" and "Allotipo" are puzzling. Recorded as *Stibadoderus murinus* by Schenkling (1925: 195), Blackwelder (1944: 1408), and Golbach (1992: 84–86, f. 1–4). *Ex HB.* Currently in Elaterinae Pomachiliini.

mutabilis [*Anoplischius*]. Schwarz 1904: 51–52. South America, two ♂, three ♀, all different coloured.

Two synt. pinned, "Rep. Argentina / Prov. Buenos Aires / 4.1899 [1.1900] / C. Bruch" print., dates handwr., black frame; "Typus" print. on pale green paper; "Anoplischius / mutabilis / typ. [n. sp.] Schw." handwr. by Bruch, red frame. "MACN-En / 8333 [8334]" print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. Recorded as *Anoplischius mutabilis* by Blackwelder (1944: 298), and by Golbach (1994: 36). *Ex CBC.* Currently in Elaterinae Dicropidiini.

testaceipennis [*Atractosomus*]. Schwarz 1904: 70. Brasil, from Bruch.

One synt. on a card, "Rep. Brasil / XI.1901 / C. Bruch" print., date handwr., black frame; "Typus" print. on pale green paper; "Atractosomus / testaceipennis / typ. Schw." handwr. by Bruch, red frame. "MACN-En / 8335" print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. Recorded as *Atractosomus testaceipennis* by Blackwelder (1944: 299), by Golbach (personal communication *in litteris* 21.VIII.1991) and Casari (2008). *Ex CBC.* Currently in Elaterinae Ampedini Dicropidiina.

testaceus [*Ischiodontus*]. Schwarz 1904: 56–57. "Columbia"

One synt.? on a card, "Rep. Argentina / Prov. Buenos Aires / 9.VII.1903 / C. Bruch" print., date handwr., black frame; "Typus" print. on pale green paper; "Ischiodontus / testaceus / typ. Schw." handwr. by Bruch, red frame. "MACN-En / 8337" print., inverted.

Notes: Labeled only by Bruch, not by Schwarz. The label "Columbia" is puzzling. Recorded as *Ischiodontus testaceus* by Blackwelder (1944: 300), and under *Dipropus* by Arnett (1962: 9), Golbach (1994: 37), and M. Guzmán de Tomé

& S. Aranda (2008: 572) because of priority of *Dipropus* over *Ischiodontus*. *Ex CBC.* Currently in Elaterinae Dicropidiini.

Types deemed to be housed in the museum but not found

fuaguensis [*Athous*]. Golbach & Aranda 1991: 83–87, f. 1–7. Tierra del Fuego, leg. Sobral. Holot., allot., parat. in IFML, parat. in several repositories, including MACN.

Note: Parat. not found.

Specimens labeled as types but not found in the bibliography, and probably not published

asperatus [*Cardiorhinus*]. Golbach

One spec. pinned, "Argentina / Misiones" print., black frame; "38773" handwr., red frame; "Cardiorhinus / asperatus / n. sp. [handwr.] / R. Golbach det. 82 [print., date handwr.]" on white paper, black frame; "Paratipo" print. on yellow paper. "MACN-En / 8734" print., inverted. *Ex CBC.*

Notes: Probably not published. Not recorded by Golbach (1994), nor by Guzmán de Tomé & Aranda (2008). Currently in Elaterinae, Cardiorhinini

bachmanni [*Cardiorhinus*]. Golbach

One spec. pinned, "Misiones" print., remainings of a black frame; "Col. / C. Bruch" print., black frame; "Cardiorhinus [print.] / bachmanni / n. sp. [handwr.]" on white paper; "Holotipo" print. on red paper. "MACN-En / 8735" print., inverted. *Ex CBC.*

Notes: Probably not published. Not recorded by Golbach (1994), nor by Guzmán de Tomé & Aranda (2008). Currently in Elaterinae, Cardiorhinini.

consputus [*Aeolus*]. Schwarz

One spec. on a card, "Rep. Argentina / Prov. Buenos Aires / 9.VII.1903 / C. Bruch" print., date handwr., black frame; "Typus" print. on pale green paper; "Aeolus / consputus / Type Schw." handwr. by Bruch, red frame.. "MACN-En / 8332" print, inverted.

Notes: Probably not published. Not recorded by Schwarz *in Wytzman* (1907), Bruch (1911), Schenkling *in Schenkling* (1925), Blackwelder (1944), nor Golbach (1994). Currently in Agrypninae Oophorini Monocrepidina.

flavobasalis [Aeolus]. Schwarz

Two spec. on cards, on one pin, "Rep. Argentina / Prov. Buenos Aires / 9.VII.1903 / C. Bruch" print., date handwr., black frame, "Typus" print. on pale green paper; "Aeolus / flavobasalis / Type Schw." handwr. by Bruch, red frame. "MACN-En / 8331" print., inverted.

Notes: Probably not published. Not recorded by Schwarz in Wytsman (1907), Bruch (1911), Schenkling in Schenkling (1927), nor Blackwelder (1944). *Ex* CBC. Currently in Agrypninae Oophorini Monocrepidina.

flavus [Monocrepidius]. Schwarz

One spec. on a card "Jatahy /Goyaz" handwr.; "Cotyplus" print on pale green paper; "Nonocrepidius / flava / Schw." handwr. by Bruch, red frame, "MACN-En / 8341" print., inverted.

Notes: Probably not published. Not recorded by Schwarz in Whytsman (1907), Bruch (1911), Schenkling in Schenkling (1927), Blackwelder (1944), nor Golbach (1994). *Ex* CBC. Currently in Agrypninae Oophorini Monocrepidina.

gracilis [Aeolus]. Schwarz

Two spec. on cards, on separate pins, "Rep. Argentina / Prov. Tucuman / XI.1899 [190_] / C. Bruch" print., date handwr., black frame; "Typus" print. on pale green paper; "Aeolus / gracilis / Type Schw." handwr. by Bruch, red frame. "MACN-En / 8328 [8329]" print., inverted.

Notes: Not published. Not recorded by Schwarz in Whytsman (1907), Bruch (1911), Schenkling in Schenkling (1927), Blackwelder (1944), nor Golbach (1994). Recorded mistakenly by Guzmán de Tomé & Aranda (2008: 571). *Ex* CBC. Currently in Agrypninae Oophorini Monocrepidina.

niger [Monocrepidius]. Schwarz

One spec. pinned, "Rep. Argentina / Prov. Buenos Aires / 2.1899 / C. Bruch" print., date handwr., black frame; "Typus" print. on pale green paper; "Monocrepidius / niger / Type Schw." handwr. by Bruch, red frame. "MACN-En / 8342" print., inverted.

Notes: Probably not published. Not recorded by Golbach (1994). *Ex* CBC. Currently in Agrypninae Oophorini Monocrepidina.

phaeratus [Aeolus]. Schwarz

One spec. on a card, "Rep. Argentina / Prov. Tucuman / XII.1899 / C. Bruch" print., date handwr., black frame; "Cotyplus" print. on pale

green paper; "Aeolus / phaeratus / Schw." handwr. by Bruch, red frame. "MACN-En / 8327" print., inverted.

Notes: Probably not published. Not recorded by Golbach (1994). *Ex* CBC. Currently in Agrypninae Oophorini Monocrepidina.

Specimens labeled as types, but probably not conforming a type series

bruchi (sub **Bruchi**) [Triplonychus]. Schwarz 1906: 144–145. Tucumán, one spec. from Bruch, first Argentine species of the genus.

One spec. on a card, "Rep. Argentina / Prov. Salta / 190_ / C. Bruch" print., black frame; "Typus" print. on pale green paper; "Horistonotus / Bruchi / type / Schw." handwr. by Bruch, remainings of a black frame. We add "Triplonychus / Bruchi / Schwarz 1906" handwr. on red paper. "MACN-En / 8351" print., inverted.

Notes: Only one spec. from Tucumán was mentioned. Labeled only by Bruch, not by Schwarz. Recorded as *Horistonotus Bruchi* by Schwarz in Wytsman (1907: 179), by Bruch (1911: 249), by Schenkling in Schenkling (1925: 258) and as *Horistonotus bruchi* by Golbach (1994: 32). Recorded under *Triplonychus* by Blackwelder (1947: 303). *Ex* CBC. Currently in Cardiophorinae Cardiophorini.

drakei (sub **Drakei**) [Monocrepidius]. Schwarz 1896: 99–100. Paraguay, **one** ♂, **one** ♀ leg. Drake.

One spec. on a card, "Rep. Argentina / Prov. Tucuman / V.1891 / C. Bruch" print., date handwr., black frame; "Cotyplus" print. on pale green paper; "Monocrepidius / Drakei / Schw." handwr. by Bruch, red frame. "MACN-En / 8338" print., inverted.

Notes: spec. compared with lectotype, in coll. Deutsches Entomologisches Institut Eberswalde (Germany), and cited from Argentina and Paraguay by Guzmán de Tomé (1998: 301). Only Paraguay was originally mentioned. Recorded under *Conoderus* by Fleutiaux (1911: 252), Schenkling (1925: 114), Blackwelder (1944: 287) and Golbach (1994: 34). Currently in Agrypninae Oophorini.

flavovittatus (sub **flavo-vittatus**) [Mesembria]. Schwarz 1900: 351. Brasil, ♂, ♀, On page 358 *sub flavovittatus* in a list

One spec. on a card, "Rep. Argentina / Prov. Buenos Aires / IV.1899 / C. Bruch" print., date handwr., black frame; "Schwarz det." print,

“Typus” print. on pale green paper; “Cosmesus / flavovittatus / Schw.” handwr. by Bruch, red frame. “MACN-En / 8347” print., inverted
Notes: Only Brasil was mentioned. Recorded under *Mesembria* by Arnett (1955: 601), and by Golbach (1994: 38). Cited from Brazil and Argentina by Guzmán de Tomé and Aranda (2008). *Ex* **CBC**. Currently in Elaterinae Steatoderini.

pseudoscalaris [*Monocrepidius*]. Schwarz 1896: 98–99. Paraguay, Drake leg.

One spec. pinned, “Rep. Argentina / Prov. Catamarca / I.1897 / C. Bruch” print., date handwr., black frame; “Cotypus” print. on pale green paper; “Monocrepidius / pseudoscalaris / 15 [16?] / Schw.” handwr. by Bruch, red frame. “MACN-En / 8339” print., inverted.

Notes: spec. compared with lectotype in Deutsches Entomologisches Institut, Eberswalde (Germany) and cited from Argentina and Paraguay by Guzmán de Tomé (1998 b: 389). Only Paraguay was mentioned; moreover the collecting date is later than the publishing date. Recorded under *Conoderus* by Fletiaux (1911: 252), Blackwelder (1944: 288), and Golbach (1994: 35). *Ex* **CBC**. Currently in Agrypniinae Oophorini.

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