

A catalog of the types of Carabidae *sensu lato* (Insecta, Coleoptera, Adephaga) deposited in the Museo Argentino de Ciencias Naturales, Buenos Aires

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Abstract: The type specimens (all current categories) of Carabidae *s. l.* deposited in this Museum are listed; 101 names are recorded, 59 of them represented here by name-bearing types ('primary' types), two of them dubious. The family is taken in its broadest sense (including the Cicindelinae, Paussinae, and other groups sometimes considered as separate families). The species and subspecies names were alphabetically filed, followed by the generic ones as they were spelled in the original publication (or the generic and specific names in the case of subspecies and varieties). Later combinations and/or current *binomina* are mentioned insofar as these are known to the author. Two lists are added: 1. of specimens labelled as types of names not found in the literature, and presumably not published, and 2. of specimens labelled as types, but not originally included as such, and published or not after the original description.

Key words: Carabidae, type specimens, Argentina.

A catalog of the typical specimens (all current categories) of species of Carabidae *s. l.* held in the Entomological Division of this Museum is presented, referred to 101 names: 25 holotypes, 56 syntypes (one of them dubious) of 33 names, 1 lectotype, 110 paratypes (which include 1 allotype) and 3 paralectotypes; 59 of these 101 names are here represented by name bearing types ('primary types').

The family is here taken in its broadest sense, including the Cicindelinae, Paussinae, and other groups sometimes considered as separate families.

Specific and subspecific names are alphabetically entered, as is usual in type specimen catalogs; each name is followed by the generic one (and subgeneric one when mentioned) spelled as it was in the original binomen, or by the generic and specific ones in the case of subspecies or varieties; an abbreviated bibliographic citation follows, as well as a listing of the types, if these were mentioned, beginning with those deposited in this Museum. An account of the type specimens actually housed here follows, with their label data. According to the International Code of Zoological Nomenclature (4th edition, 1999), allotypes are not 'name bearing types'. If the country is not mentioned, Argentina is meant; in every other case, the country is mentioned first. Some specimens

bear a registration number, entered in the Entomology Division register; numbers under 10000 correspond to the old general register of the Museum. Later nomenclatural or taxionomical changes are added, insofar these are known to the author.

For the identification of types not formally designated in the original publication (art. 72.4 of the Code), evidences from the labels, as they were written by authors of names in the collections examined are considered. When the authors did not formally designate a holotype, or its equivalent, and did not mention the number of the specimens examined, it is assumed that they had a series of syntypes (recommendation 73 F of the Code), eventually 'unique syntypes'.

Some specimens in the collection are labelled 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 are listed separately.

Specimens labelled as types, but not included in the original publication, and specimens designated as types after the original publication date, published or not, cannot be accepted as included in the type series; however they are included in a third list, also in order to assist in future research.

Bruch used to copy the specific names of the types on his own labels, most of them with a red frame (a few with a green frame), and to add beneath, to the same pin, a small, folded piece of paper with the same name in the respective author's own hand, probably cut from a letter; frequently only a part of the genus name, and/or a part of the author name are readable.

Some specimens in the Bruch collection are labelled as 'cotypes' of species described by Jensen Haarup, whose collection is housed in the Zoologisk Museum of København (Denmark); probably most of the 'primary' types are therein. As Jensen Haarup did not state how many specimens he had examined, they must be considered as syntypes. I suspect that some of the 'cotypes' in our Museum were not even included in the typical series, but it is not possible to assure their condition. In order to assist in future research, I include them in the present paper as syntypes or as paratypes, according to the context (Bruch used the term '*Cotypus*' sometimes in the sense of *syntypus* and sometimes in the sense of *paratypus*).

This Museum is identified as **MACN**. Repositories of other types are identified as follows: **ABC**, A. Breyer coll., in **MACN**; **AC**, Andrews coll., London, UK; **AMNH**, American Museum of Natural History, New York, USA; **BC**, M. Bänninger coll., Germany; **BEC**, C. Berg coll., in **MACN**; **BM**, The Natural History Museum, London, UK; **BRC**, C. Bruch coll., in **MACN**; **CAS**, California Academy of Sciences, San Francisco, USA; **CSC**, A. Campos Seabra coll., Brasil; **DC**, E. Dallas coll., in **MACN**; **DEI**, Deutsches Entomologisches Institut, Berlin-Dahlem, Germany; **DZC**, Departamento de Zoología, Universidad de Concepción, Chile; **FAS**, Facultad de Agronomía, Universidad de Chile, Santiago; **FIML**, Fundación e Instituto Miguel Lillo, Tucumán, Argentina; **HB**, H. Burmeister coll., in **MACN**; **HC**, W. Horn coll., Germany; **IAD**, **IADIZA**, Instituto Argentino de Investigación de las Zonas Áridas, Mendoza, Argentina; **IBSP**, Instituto Biológico, São Paulo, Brasil; **IIEA**, Instituto de Ecología e Experimentação Agrícola, Rio de Janeiro, Brasil; **IPCN**, Instituto Patagónico de Ciencias Naturales, San Martín de los Andes, Neuquén Prov., Argentina; **IZG**, Instituto de Zoología General y Sistemática, Santiago, Chile; **JAC**, L. Jiménez-Asúa coll., now in Havana, Cuba; **JB**, J. Brèthes coll., in **MACN**; **JH**, Jensen-Haarup coll., in Zoologisk Museum, København, Denmark; **JMC**, J. Mateu coll., Almería, Spain; **LC**, M. Liebke coll., Germany; **LPC**, L. Peña coll., Santiago, Chile; **LTC**, C. Lizer y Trelles coll., in Facultad de Agronomía, University of Buenos Aires, in part in **MACN**; **MB**, Museum Bern, Switzerland; **MC**, A. Martínez coll., in part in **MACN**;

MCH, Museo Nacional de Historia Natural, Santiago, Chile; **MCSN**, Museo Civico de Scienze Naturale, Genova, Italy; **MD**, Museu Dundo, Angola; **MHNS**, Museo Nacional de Historia Natural, Santiago, Chile; **MLP**, Museo de La Plata, Argentina; **MNHN**, Muséum National d'Histoire Naturelle, Paris, France; **MS**, Stettiner Museum, Germany; **MTD**, Museum für Tierkunde, Dresden, Germany; **MV**, Museo de la Universidad de Chile, Valparaíso; **MZSP**, Museu de Zoologia, São Paulo, Brasil; **NC**, J. Nègre coll.; **OC**, E. Ogueta coll., in **MACN**; **PAN**, Polska Akademia Nauk, Warsaw, Poland; **PC**, A. Prosen coll., Buenos Aires, Argentina; **RC**, Reichensperger coll., Germany; **RIC**, Richter coll., at **MLP**; **SCG**, Steinbach coll., Germany; **SCI**, Straneo coll., Italy; **SEM**, Strickland Entomological Museum, Edmonton, Alberta, Canada; **STC**, Stevenin coll., in **MACN**; **TC**, J. Tremoleras coll., Montevideo, Uruguay; **ZMB**, Zoologisches Museum, Berlin, Germany; **ZMH**, Zoologisches Museum, Hamburg, Germany.

I am very grateful to Dr. Sergio Roig-Juñent (**IADIZA**) for highly valuable suggestions regarding a prior version of the present paper, and for careful revision and updating of *binomina* and synonymies.

CATALOG OF THE TYPES

affinis [*Obadius*]. Tremoleras 1931: 247. Uruguay: Cerro Largo Dept.: Cañada de los Burros, 2 ex., one of them holot.; Treinta y Tres Dept., 2 ex. **TC**.

1 parat., pinned, Uruguay: Cerro Largo: Bañado de los Burros, "Cotypus" on pink paper; "Obad. insignis Burm. = var. *affinis* Trem. = nec. spec. / C. Bruch determ." handwr. by Bruch, ex **BRC**.

andinus [*Tachys*]. Jensen-Haarup 1910: 553-554. Mendoza Prov. "not uncommon".

1 paralectot. glued to a card, Mendoza, "Cotypus" on pale green paper, ex **BRC**.

Notes: Transferred to *Pericompsus* (*Pericompsus*), and lectot. and paralectot. design. by Erwin (1974: 9, 10, 65, f. 96, 102, 107); lectot. in **JH**.

angusticollis [*Eurysoma*]. Burmeister 1885: 329. Paraguay.

2 synt., pinned, Paraguay, and without label respectiv., ex **HB**.

Notes: On the bottom of the drawer a label, handwr. by Burmeister reads "longicollis Nob. / Paraguay" (transcription error?). Recorded under *Brachygnathus* by Csiki (1929: 354). *Eurysoma* Déjean 1831 is a junior synonym of *Brachygnathus* Perty 1830.

argentina [Ega]. Brèthes 1916: 464-465. Several ex. from Jujuy, sub 7274.

4 synt. glued to cards, on 2 pins (1 + 3, the one with 3: "7274"), Jujuy, ex **JB**.

argentinica [*Propionycha*]. Liebke 1928: 215. 2 couples from Buenos Aires Prov., **BRC**.

2 synt. glued to cards, B. Aires Prov., "Type" on pink paper; "Propionycha / argentinica / det. M. Liebke Hamb" handwr. by Liebke, cut, ex **BRC**.

argenticum [*Zuphium*]. Liebke 1933: 462, 464-465. 4 ex. from Argentina: type from Buenos Aires, **BRC**, 1 ex. from Rio Colorado, **LC**; 1 ex. from Buenos Aires, **TC**; 1 ex. from Mendoza, **MTD**.

Holot. glued to a card, B. Aires Prov., "Type" on pink paper; "Zuphium / argenticum / Type / det. M. Liebke Hamburg" handwr. by Liebke, ex **BRC**.

argenticus [*Pseudaptinus* [(*Enaphorus*)]]. Liebke 1929: 351, 1 f. 2 ex. from Buenos Aires Prov., ex **BRC**, cotype in **LC** [ergo type in **BRC**].

Holot. glued to a card, B. Aires Prov., "Foto" (Bruch); "Type" on pink paper; "Pseudaptinus / argenticus Lbk. / det. M. Liebke Hamb" handwr. by Liebke, cut, ex **BRC**.

Notes: There are 2 further ex., labelled "Cotypus" by Bruch, not mentioned in the original publication (see under *Specimens non included in the original series*, below). Recorded under *Brachynus* (*Brachynaptinus*) by Csiki (1933: 1628), and under *Pseudaptinus* by Reichardt (1967a: 267). Currently included in *Thalpius*.

arrowi [*Colliuris* (*Procolliuris*)]. Liebke 1930: 707. 7 ex. from Santa Fe Prov.: río San Javier, Estancia La Noria; 1 ex. from Entre Ríos Prov.: Santa Elena, all in **BM**; 1 ex. from Tucumán Prov. in **BRC**.

1 synt. glued to a card, Tucumán Prov.: Famallá, "Kotype" on pink paper; "Odacantha / arrowi / Lbk. / det. M. Liebke Ham." handwr. by Liebke, folded; "Calophaenoidea / arrowi / Lbk. [handwr.] / C. Bruch determ. [printed]" on white paper, remainings of black frame, ex **BRC**.

Notes: *Odacantha* Paykull 1798 is a junior synonym of *Colliuris* Degeer 1774, *fide* Liebke (1930). The label of Liebke seems to have been written much before the publication of the monography (1930). The label handwritten by Bruch is obviously an error for *Colliuris arrowi*; both species were described in the same paper. I have checked the original descriptions of both species with the specimen, which is clearly a species of *Colliuris*.

asuai [*Panagaeus* (*Hologaeus*)]. Ogueta 1966: 8-10, f. 4, 7. Holot. ♂ from Dominican Rep.: S. Domingo.

Holot. ♂ glued to a card, partially dissected and the parts glued to two further cards, S. Domingo.

australis [*Cicindelidia trifasciata* subsp.]. Peña & Barría 1973: 188-189, f. 5-12, 17. Chile: Coquimbo Prov.: Punta Teatinos; Aconcagua Prov.; Coquimbo Prov.; holot. ♂ and parat. in **LPC**; other parat. in **AMNH**, **DZC**, **FAS**, **MHNS**.

1 parat., pinned, Chile: Coquimbo: Punta Teatinos.

Note: Currently recorded as *Cicindela* (*Plectographa*) *suturalis australis*. *C. trifasciata sensu* Déjean non Fabricius is a misidentification for *suturalis* Fabricius 1798, as stated by Freitag & Barnes (1989: 298).

bordoni [*Platycerozaena*]. Ogueta 1965b: 367-368, f. 4, 5. Holot. ♀ from Venezuela: Aragua State: Caguá, **OC**.

Holot. ♀ glued to a card, dissected, and the parts glued to two further cards, Venezuela: Aragua: Caguá, ex **OC**.

bosqui [*sic*] [*Mimodromius* (*Cobosia*)]. Mateu 1955: 97, f. 43, 44. Cotypes from Neuquen Prov.: Zapala in **MACN** and **FIML**, from La Pampa Prov.: Pico, **MC**, from Río Negro Prov.: Choele-Choele, and Neuquen Prov.: Plaza Huiral (*sic*), **PC**; from Buenos Aires Prov.: Solá Railway Station, and Mendoza, **JMC**.

2 synt. 32470, glued to cards, one on its dorsum, one on its venter, the first one with dissected parts glued to another card, Neuquen Prov.: Zapala, "Cotipo" on red paper; "Mimodromius / (Martinezia) / bosqui n. sp. / J. Mateu det." handwr. by Mateu, ex **BRC**, slide P00178, sub M'84 in slide collection.

Notes: There is a further ex. from B. Aires Prov.: San Blas, not mentioned in the original publication, 31793, labelled "Cotipo" on red paper (see under *Specimens non included in the original series*, below). The species was named in honour of Mr. Juan Bosq; this does not follow from the specific epithet.

breyeri [*Physeia*]. Ogueta 1963: 116-118, f. 2, 7, 9, 13. Brasil: Minas Gerais State: Acesita, holot. ♀ in **CSC**; 1 ♀ parat. **OC**; allot. ♂ from Brasil: Goiás State, **MZSP**; 1 ♀ parat., as the holot., **OC**; 1 ♀ parat. from Brasil: S. Paulo State: Anhangaby, **MZSP**.

Holot. ♀, 1 parat. glued to cards, Brasil: M. Gerais: Acesita, ex **CSC**, and ex **OC** respectively.

bruchi [*Cnemalobus*]. Roig-Juñent 1993c: 290-291, f. 10, 19, 27, 30, 31, 39. Parat. from Catamarca Prov.: 1

♂ Catamarca; 2 ♂ Belén: La Ciénaga; 1 ♂ Las Conchas, 1 ♂ Quebrada, 3200 m altit., 1 ♂ Agua Amarilla, 1 ♂ Santa María; 2 parat. without locality label, all in MACN. Holot. ♂, allot. ♀, Tucumán Prov.: Gobernador Garmendia, ex MLP; other parat. in IAD and MLP.

7 parat., pinned, Catamarca Prov., ex BRC: 1 Catamarca, 1 Quebrada, 1 Las Conchas, 2 Belén: La Ciénaga, 1 Agua Amarilla, 1 Santa María; 2 parat., pinned, without locality label, ex BRC and ABC.

bruchi [*Cteatus*]. Liebke 1936a: 302. 3 ex. from Buenos Aires Prov.: Rosas in BRC and LC.

2 synt. glued to cards (one on its venter, one on a side), B. Aires Prov.: Rosas, "Cotypus" on red paper; "Kteatus / bruchi lbk. / Kotype / M. Liebke determ." handwr. by Liebke, ex BRC.

bruchi [*Galerita*]. Liebke 1932: 415, 417. 2 ♂ from Misiones Prov., type in BRC.

Holot., pinned, Misiones Prov., "Type" on pink paper; "Gallerita / bruchi Lbk. / det. M. Liebke Hamb" handwr. by Liebke, cut, ex BRC.

bruchi [*Lebia*]. Liebke 1936a: 302-303. 2 ex. from Buenos Aires in BRC and LC.

1 synt. glued to a pointed card, B. Aires Prov., "Typus" on red paper; "Lebia / bruchi Lbk. / M. Liebke determ." handwr. by Liebke, ex BRC.

bruchi [*Leptotrachelus*]. Liebke 1928: 191. 2 ex. from Corrientes Prov.: San Roque, BRC.

1 synt. glued to a card, Corrientes Prov., "Type" on pink paper; "Leptotrachelus / bruchi Lbk. / det. M. Liebke Hamb" handwr. by Liebke, cut, ex BRC.

bruchi [*sub Bruchi*] [*Propionycha*]. Liebke 1928: 209. Buenos Aires Prov., "ein Pärchen" (a pair) in BRC.

1 synt. and 2 parat.? glued to cards, B. Aires Prov., -"Type" (on pink paper); "Cotypus" (on pale green paper) respectiv., the 'type', in addition, "Propionycha / Bruchi Lbk. / det. M. Liebke Ham" handwr. by Liebke, cut, ex BRC.

Note: one or both "cotypes" might not be types, as Liebke mentions a pair, and both "cotypes" bear identification labels handwr. by Bruch, not by Liebke.

bruchi [*Scarites*]. Bänninger 1932: 210-211. 3 ex. from Mendoza Prov.: Potrerillos, type in BRC; 2 cotypes BC; 1 ex. from Catamarca Prov.: La Ciénaga, BRC; 2 ex. from Mendoza Prov., BM; 2 ex. from Tucumán, BC.

Holot. pinned, Mendoza Prov., "Typus" on pale green paper; "Scarites / Bruchi n. sp. / 8.1926 / Bänninger det. / in Gruppe I.A.2.a / Chd-Monographie" handwr. by Bänninger, ex BRC.

Notes: There is, in addition, 1 ex. from Catamarca Prov.: La Ciénaga, labelled "Cotypus"; it was mentioned, but it seems not to have been intended to conform the typical series (see under *Specimens non included in the original series*, below). Included by Bänninger (1938) in *Scarites* (*Scarites*).

brunneus [*Pseudaptinus* (*Thalpius*)]. Liebke 1934: 374, 383-384. 2 ex. from Buenos Aires Prov.: Rosas, 1 of them in BRC, 1 LC; 2 without locality, 1 of these is the type, ZMH.

1 parat. glued to a card, B. Aires Prov.: Rosas, "Kotype" on pink paper; "Pseudaptinus / brunneus Lbk. / Kotype / M. Liebke determ." handwr. by Liebke, ex BRC.

Note: Currently included in *Thalpius*.

bucephala [*Megacephala* (*Phaeoxantha*)]. Horn 1909: 284-286. ♂, ♀ from "Tukumán" 28.I.1899, Girard, and from Santiago del Estero, Steinbach.

1 ♂ synt.? pinned, Tucumán Prov., "Cotypus" on pale green paper, ex BRC.

Notes: The specimen lacks both date of collection and name of collector, which were mentioned in the original paper, which renders its syntype condition dubious. Sometimes included in *Megacephala* (*Tetracha*).

calchaquensis [*Barypus*]. Roig-Juñent 1993b: 18-20, f. 1, 6, 21, 29, 35, 42, 76-84. Parat. from Salta Prov.: Cuesta del Obispo; 4 from Salta, ex BRC; 3 from Catamarca Prov.: Chafíñar (*sic*) (2 of them ex BRC). Holot. ♂, allot. ♀, parat. from Salta Prov.: Cuesta del Obispo in MLP; other parat. in FIML.

10 parat., pinned: 2 Salta; 2 Salta: Cuesta del Obispo; Piedra del Molino; 2 Catamarca; 1 Catamarca Prov.: Chafíñán; 3 Tucumán, all ex BRC.

castanea [*Lebia* (*Loxopeza*) *striata* var.]. Liebke 1936a: 303. 1 ex. from Misiones Prov.: S. Ignacio in BRC; 1 ex. Brasil: R. de Janeiro in LC.

1 synt. glued to a card, Misiones: S. Ignacio, "Typus" on orange paper; "Lebia striata / var. castanea Lbk. / M. Liebke determ." handwr. by Liebke, ex BRC.

catamarcensis [*Pericompsus*]. Roig-Juñent & Scheibler [accepted for publication] Catamarca Prov.: 28 km SE of Tinogasta, 20.X.1997, holot. in IAD, 16 parat. id. IAD, AMNH, FIML, MLP, SEM; other parat. from Catamarca Prov.: S. Fernando, and Belén in IAD.

1 parat. glued to a pointed card, Catamarca, 28 km SE Tinogasta, 20.X.1997, leg. S. Roig, "Paratypus" printed on red paper; "Pericompsus catamarcensis [*sic*] / Roig-Juñent & Scheibler" printed on white paper.

chacoensis [*Lebia*]. Liebke 1935: 166-167. 1 ex. from Santiago del Estero in **BRC**. Type from Brasil: M. Grosso State: Corumbá, **LC**; 1 ex. from Argentina: Chaco de Santa Fe, **LC**; 2 ex. from Santiago del Estero Prov.: Banderas; 1 ex. from Santa Fe Prov.: Las Garzas, **MNH**.

1 parat. glued to a card, S. del Estero Prov., "Typus" on red paper; "*Lebia* / *chacoensis* Lbk. / M. Liebke determ." handwr. by Liebke, ex **BRC**.

Note: Currently included in *Lebia* (*Lebia*).

chaudoiri [*sub Chaudoiri*] [*Bembidium*]. Berg 1883: 395. 1 ex. from Narra-Có, = *luridipenne* Chaudoir in coll., non Schaum 1860.

Holot. glued to a card, "Narra-Có" (handwr. on green paper), "Typus" on greenish gray paper; "Bembidium / Chaudoiri / Berg" handwr., with a red frame, ex **BEC**.

Note: Recorded as *Bembidion Chaudoirianum* by Csiki (1928: 159) *nom. nov. pro chaudoiri* Berg non Motschulsky, and as *Notaphus (Notaphus) chaudoirianus* by Jeannel (1962: 623, 626).

chubutensis [*Barypus*]. Roig-Juñent 1993a: 98-99, f. 7, 18, 26, 34, 90-98. 2 parat. from Chubut Prov. Holot. ♂ **MLP**; parat. in **IPCN** and **MLP**.

2 parat. glued to pointed cards, with a glass microvial, Chubut.

Note: Roig-Juñent (1993b) included this species in *Barypus (Cardiophthalmus)*.

comechingonensis [*Barypus (Barypus)*]. Roig-Juñent 1993b: 20-21, f. 1, 7, 22, 30, 36, 43, 85-93. 5 parat. Córdoba Prov.: Alta Gracia in **BRC**; 1 parat. Córdoba; 2 ♀ San Luis; 1 parat. San Luis Prov.: El Durazno. Holot. ♂, allot., several ♂ parat. Córdoba Prov.: La Falda in **MLP**.

8 parat., pinned, Córdoba (7 of them Alta Gracia), ex **BRC**; 2 parat. on pointed cards, S. Luis; with a glass microvial.

Notes: There are two more paratypes than mentioned, but otherwise the labels seem authentic.

convexa [*Ozaena*]. Bänninger 1927: 195, 196-197. 1 ex. from Misiones Prov. in **BRC**; 1 ♂, 2 ♀ from Brasil: Mato Grosso State: Corumbá in **BC**; 1 ex. from Brasil: Pará State in **BM**; 3 ex. in **MB**.

1 synt., pinned, Misiones, "Typus" on pale green paper; "*Ozaena / convexa* m. n. sp. / 6. 1916 / Bänninger det." handwr. by Bänninger, ex **BRC**.

convexipennis [*Galerita*]. Reichardt 1967b: 55, 123, f. 60, 117, 118. Holot. ♂, 2 ♀ parat. Salta Prov.: Abra de Minas in **BRC**. Other parat. in **MLP**, **MZSP**, **CAS**, **NC**.

Holot. ♂, 2 ♀ parat., pinned, with a glass microvial, Salta: Abra de Minas, the holot. "*Galerita / convexipennis / Bruch / C. Bruch* determ." handwr. by Bruch; "*Galeritula /*

convexipennis n. sp. / Holotype ♂ / Reichardt det. 1965" handwr. by Reichardt; the paratypes labelled only by Reichardt, all ex **BRC**.

cordobana [*Lia clavata* var.]. Liebke 1936a: 304. 2 ex. from Córdoba Prov., sierras (1 **BRC**, 1 **LC**).

1 synt., pinned, sierras of Córdoba, "Typus" on red paper; "*Lia clavata / var. cordobana* Lbk. / M. Liebke determ." handwr. by Liebke, ex **BRC**.

Note: Recorded under *Lebia* by Madge (1967: 147); a synonym of *Lebia (Chelonodema) clavata* (Liebke 1929) *vide* Reichardt (1972: 25-26, f. 10, 13, 31, 50, 70).

costalimai [*Galerita*]. Reichardt 1967b: 99-100, f. 88, 89, 95. 2 parat. from Tucumán. Holot. from Brasil: São Paulo State: Boracéia, in **MZSP**; parat. in **IEEA**, **PAN**, **NC**.

2 parat. 4290, pinned, Tucumán Prov.: Taff Viejo, "*Galeritula / costalimai*, n. sp. / Paratype ♀ / Reichardt det. 1965" handwr. by Reichardt.

cupreolimbata [*Calleida*]. Liebke 1936a: 301. Cotype from Chaco de Santa Fe in **BRC**; from Brasil: São Paulo in **LC**.

1 parat. glued to a card, Chaco de Santa Fe, "*Calleida / cupreolimbata* Lbk. / Kotype / M. Liebke determ." handwr. by Liebke, ex **BRC**.

Note: Recorded under *Callida* by Csiki (1932: 1439).

cyanea [*Megacephala fulgida* subsp.]. Horn 1905: 52. ♂, ♀ San Juan and Mendoza Prov.; Corralitos; name of Chaudoir in litt.

1 ♀ synt. glued on its back to a card, Mendoza Prov., "Cotypus" on pale green paper; "*Tetracha / cyanea / W. Horn / Chd. i. litt.*" handwr. by Bruch, ex **BRC**.

Note: Recorded as *Megacephala cyanea* by Vidal Sarmiento (1966a: 16-17, f. 17, 18).

cylindricus [*Cnemalobus*]. Roig-Juñent 1994: 16-17, f. 7, 24, 38, 49, 50, 57, 61. Parat. Chile: Coquimbo: S of Puerto Oscuro. Holot. ♂, allot. ♀ in **MLP**; other parat. in **IAD** and **DZC**.

2 parat., pinned, Chile: Coquimbo Region, one of them with a glass microvial.

dentipennis [*Barypus*]. Roig-Juñent 1993a: 97-98, f. 6, 17, 25, 33, 81-89. 2 parat. from Río Negro Prov., in **BRC**. Holot. ♂, allot. ♀ in **IAD**; parat. in **MLP**.

2 parat. (1 pinned, 1 glued to a pointed card), with a glass microvial, R. Negro, ex **BRC**.

Note: Roig-Juñent (1993b) included this species in *Barypus (Cardiophthalmus)*.

deplanatus [*Cnemalobus*]. Roig-Juñent 1993c: 292-294, f. 12, 21, 34, 35, 41, 43. 2 ♀ parat. Río Negro Prov.:

San Carlos de Bariloche. Holot. ♂, allot. ♀ in **MLP**; other parat. in **MLP**, **IAD** and **IPCN**.

2 parat., pinned, one of them with a glass microvial, Río Negro Prov.: S. Carlos de Bariloche.

dubium [*Bembidium*]. Jensen-Haarup 1910: 550-551. Mendoza Prov., "not rare".

1 synt. glued to a card, Mendoza, "Cotyplus" on pale green paper, and "Bembidium / dubium / J.-Hrp" handwr. by Bruch (not by Jensen-Haarup), ex **BRC**.

Notes: Recorded as *Bembidion Jensen-Haarupi* Csiki (1928: 161) *nom. nov. pro dubium Jensen-Haarup non Heer*. A synonym of *Notaphiellus solieri* (Gemminger & Harold 1868: 421) *nom. nov. pro Bembidium incertum Solier* in Gay, 1849: 168-169 *non dubium* Motschulsky; of *B. convexiusculum* Solier 1849; of *B. valdivianum* Gemminger & Harold 1868, and of *B. varicolor* Reed 1874, *fide* Jeannel (1962: 632-633).

engelharti [*sub Engelharti*] [*Bembidium*]. Jensen-Haarup 1910: 547-548. Mendoza, "not uncommon near streams, rivers and 'lagunas'".

1 synt. glued to a card, Mendoza Prov., "Cotyplus" on pale green paper; "Bembidium / Engelharti / J.Hrp." handwr. by Bruch (not by Jensen-Haarup), ex **BRC**.

Note: Recorded under *Bembidion* by Blackwelder (1944: 29), and under *Peryphus* (*Antiperyphus*) by Jeannel (1962: 647, 648, f. 226, 234).

feana [*Calleida*]. Liebke 1936a: 301. 2 ex. from Santa Fe Prov.: Rosario, in **BRC** and **LC**.

1 synt. glued to a card, S. Fe: Rosario, "Typus" on red paper; "Callida / feana / Lbk. Type / M. Liebke determ." handwr. by Liebke, ex **BRC**.

Note: Recorded under *Callida* by Csiki (1932: 1439).

fervida [*Eurysoma*]. Burmeister 1885: 332. Southern Córdoba.

1 synt., pinned, "Cordova", ex **HB**. On the bottom of the drawer two labels read: "Brachygnathus Port. / Eurysoma Dj." and "fervidus Burm. / Rep. Arg." handwr. by Burmeister, with a black frame.

Notes: Burmeister did not mention how many specimens he has seen, presumably only one. Recorded under *Brachygnathus* by Csiki (1929: 354). (*Eurysoma* Déjean 1831 is a junior synonym of *Brachygnathus* Perty 1830). A synonym of *B. festivus* Déjean *fide* Straneo (1951a: 4, 5), but seemingly a separate species.

fluvialis [*Pseudaptinus* (*Thalpius*)]. Liebke 1934: 374, 386-387. 1 ex. from Buenos Aires Prov., in **BRC**.

Type from Brasil: Mato Grosso State: Corumbá in **LC**; 1 ex. from Argentina: Santa Fe Prov.: Villa Ana in **BM**.

1 parat. glued to a card, Prov. B. Aires, "Kotype" on pink paper; "Pseudaptinus / fluvialis Lbk. / Kotype / det. M. Liebke. Hamburg" handwr. by Liebke, ex **BRC**.

giatii [*Barypus*]. Roig-Juñent 1993a: 96-97, f. 5, 16, 24, 32, 72-80. 6 ♂, 1 ♀ parat. Río Negro Prov.; 1 ♀ Río Negro Prov.: Aguada de Avila; 2 ♂, 1 ♀ Río Negro Prov.: Nahuel Huapi, all in **BRC**. Holot. ♂, allot. ♀, parat. in **IAD**, other parat. in **MLP** and **IPCN**.

11 parat. (6 pinned, 5 glued to pointed cards), all with glass microvials, R. Negro (3 Nahuel Huapi, 1 Aguada de Avila, 7 without precise locality), ex **BRC**.

Note: Included by Roig-Juñent (1993b) in *Barypus* (*Cardiophthalmus*).

glabra [*Pseudomorpha*]. Ogueta 1967: 221-222, f. 1. Holot. ♀ from Santiago del Estero, in **BRC**.

Holot. ♀ glued to a card, dissected parts glued to a further card, S. del Estero Prov., ex **BRC**.

halffteri [*Ozaena*]. Ogueta 1965a: 83-87, f. 4, 14, 21, 29, 38. Holot. ♀ from México: Veracruz State: Tlapacoyan, in **OC**.

Holot. ♀ glued to a card, with a glass microvial, México: Veracruz: Tlapacoyan, ex **OC**.

horni [*sub Horni*] [*Cicindis*]. Bruch 1908: 499-500, f. 1-4. 1 ex., Córdoba.

Holot., pinned, with a plastic microvial, Córdoba, "Typus" on pale green paper; "Cicindis / Horni Bruch / C. Bruch determ." handwr. by Bruch, ex **BRC**.

Note: The specimen was relabelled, and redescribed by Kavanaugh & Erwin (1991: 359, 362-365, many f.)

inaequalis [*Marsyas*]. Straneo 1968: 222-223. Brasil: Goiás State: Jatahy, holot., allot. and parat. in **MNHN**; other parat. in **MZSP**, **NC** and **SCI**.

1 parat., pinned, Brasil: Goiás: Jatahy, "Paratypus / Marsyas / inaequalis / Stran." handwr. on red paper; "Marsyas / inaequalis m. / det. S. L. Straneo 1967" handwr. by Straneo on white paper.

insignis [*Obadius*]. Burmeister 1875: 341, 1 f. 1 ex. from Entre Ríos Prov., near Concordia.

Holot., pinned, without labels, ex **HB**; on the bottom of the drawer two labels read: "Obadius / Burm." and "insignis / Burm. / Enterrios" handwr. by Burmeister, with a black frame.

jacobseni [*sub Jacobseni*] [*Bembidium*]. Jensen-Haarup 1910: 552. Mendoza Prov., "common".

1 synt. glued to a card, Mendoza Prov., "Cotypus" on pale green paper; "Bembidium / Jacobseni / J. Hrp." handwr. by Bruch, ex **BRC**.

Note: Recorded under *Bembidion* by Blackwelder (1944: 29), and under *Notaphus* (s. str.) by Jeannel (1962: 624, 626).

kulti [*Feroniola*]. Straneo 1952: 2, 3-4, f. 1. Bolivia: Cochabamba: Tunari Massif; types in **SC**; 1 parat. in **MCSN**.

1 parat. glued to a card, Bolivia: Cochabamba: Tunari Mass., "Paratypus / *Feroniola kulti*" on red paper; "*Feroniola kulti* n. sp. / Det. L.S. Straneo 194_ [black ink] / Paratypus [red ink]" handwr. by Straneo on white paper.

linearis [*Ozaena*] Bänninger 1927: 195. 1 ex. from Catamarca in coll. Bruch. 3 ♂, 1 ♀ Chaco de Santiago del Estero: Salado River, in **BC**.

1 synt., pinned, Catamarca Prov., "*Ozaena linearis* / Bänninger det. [obverse] / 9.1926 [reverse]" handwr. by Bänninger on white paper, cut, ex **BRC**.

lizeri [*Zuphium*]. Liebke 1933: 462, 465-466. 2 ex. (1 is the type), from Bolivia: Cuatro Ojos; 2 ex. from Bolivia: Beni: Trinidad, in **LTC** and **LC**.

Holot. and 1 parat. glued to cards, Bolivia: Cuatro Ojos; 1 parat. on a card, Bolivia: Trinidad, "Type" and "Kotype" on pink paper; "*Zuphium / lizeri* / Lbk. Type [Kotype] / det. M. Liebke Hamburg" handwr. by Liebke, all ex **LTC**.

lonae [sub *Lonae*] [*Bembidium*]. Jensen-Haarup 1910: 547. Mendoza Prov., "very common".

1 synt. glued to a card, Mendoza, "Cotypus" on pale green paper; "*Bembidium / lonae* / J.-Hrp." handwr. by Bruch, with a red frame, ex **BRC**.

Notes: Recorded under *Bembidion* by Csiki (1928: 161); a synonym of *Nothonepha baptisatum* Csiki (1928: 159) *nom. nov. pro Bembidium elegans* Solier (in Gay, 1849: 164-165) *non* Germar *nec* Stephens *fide* Jeannel (1962: 641). Recorded as *Nothonepha Lonai* by Jeannel (1962: 641).

lunacarvalhoi [sub *luna-carvalhoi*] [*Homopterus*]. Martínez & Jiménez-Asúa 1965: 233-235, f. 1-4. Misiones Prov.: S. Ignacio, holot. ♂ in **MC**, parat. ♂ in **JAC**.

Holot. ♂ glued to a pointed card, dissected parts glued on a further pointed card, Misiones: S. Ignacio, ex **MC**.

martinezi [*Cymindidius*]. Mateu 1959: 2-3, 4, f. 1A. Type ♂, Santa Cruz Prov.: San Julián, in **BRC**.

Holot. 53273 glued to a card, S. Cruz: S. Julián, "Holotypus" on red paper; "*Cimindidius / martinezi mihi* / J. Mateu det." handwr. by Mateu, ex **BRC**.

Note: Mateu (1970) put *Cymindidius* in *Mimodromius* as a subgenus.

martinezi [*Homopterus*]. Luna de Carvalho 1963: 6, 11-12, f. 19-22. Holot. ♀ from Brasil: Pará State: Belém, in **MC**.

Holot. ♀ on a *minuten Nadel* with a soft pith block, Brasil: Pará: Belém, ex **MC**.

martinezi [*Ozaena*]. Ogueta 1965a: 79-83, f. 3, 15, 22, 30, 37, 41. Holot. ♂ Bolivia: Santa Cruz Dept.: Ichilo Prov.: Buenavista, in **OC**; 1 ♂ parat. Bolivia: Riv. Songo, in **MNHN**.

Holot. ♂ glued to a card, dissected parts glued on two further cards, Bolivia: S. Cruz: Ichilo: Buenavista, ex **OC**.

mendocinum [*Bembidium*]. Jensen-Haarup 1910: 549. Mendoza Prov., "common".

4 synt. glued to cards, on 2 pins, Mendoza, "Cotypus" on pale green paper; "*Bembidium / mendocinum* / J.-Hrp." handwr. by Bruch with a red frame, ex **BRC**.

Note: Recorded under *Bembidion* by Blackwelder (1944: 29), and under *Peryphus* (*Chilioperyphus*) by Jeannel (1962: 651, 652, f. 241).

mendocinus [*Tachys*]. Jensen-Haarup 1910: 553. Mendoza Prov., "not rare".

1 paralectot. glued to a card, Mendoza, "Cotypus" on pale green paper; "*Tachys / mendocinus* / J.-Hrp." handwr. by Bruch, with a red frame, ex **BRC**.

Notes: Lectot. ♂ and 5 paralectot. from Mendoza, at **JHC**, design. by Erwin (1974: 7, 28, f. 27, 32, 46), who synonymized this name with *Pericompsus* [(*Eidocompsus*)] *metallicus* Bates 1871, from Brasil: Rio de Janeiro, and designated lectot., in **MNHN**, and with *Leiotachys humeralis* Jeannel 1962, holot. ♀ in **MNHN**.

mendozensis [*Austroglyptolenus*]. Roig-Juñent 2003: 47-49, f. 1-12. Mendoza Prov.: Las Heras Dept.: Agua de las Chilcas, holot. ♂ and several parat. in **IAD**; other localities in Mendoza and San Luis Prov., several parat. in **IAD**.

1 parat., pinned; a small disk of blue paper. Argentina: Mendoza Prov.: Agua de las Chilcas, Las Heras, III.1997, leg. S. Roig. "Paratypus" printed on red paper; "*Austroglyptolenus mendozensis* / Roig-Juñent" printed on white paper.

mendozensis [*Barypus*]. Roig-Juñent & Cicchino 1989: 210-212, f. 1, 9, 20, 29, 30, 38, 88-93. 1 parat. Mendoza Prov.: Fortín Malargüe. Holot. Mendoza Prov.: F. Malargüe in **IAD**; other parat. from several localities, in **IAD**, **MLP** and **FIML**.

1 parat. glued to a pointed card, with a glass microvial, Mendoza: Fortín Malargüe; 1 parat., pinned, with a glass microvial, Mendoza: Quebr. Villavicencio.

Note: Included by Roig-Juñent (1993b) in *Barypus* (*Cardiophthalmus*).

mendozensis [*Cnemalobus*]. Roig-Juñent 1993c: 297-299, f. 6, 14, 23, 27, 44, 45, 52. 2 ♀ parat. Mendoza Prov.: Malargüe: Cueva de los Tigres, and 20 Km W of Agua Escondida respectively. Holot. ♂, allot. ♀ and 1 ♀ parat. in **MLP**; other parat. in **IAD**.

2 parat., pinned, Mendoza Prov.: Agua Escondida, and Malargüe, respectively.

metallicus [*Mimodromius*]. Mateu 1955: 86, f. 16, 17. Holot. ♂ and parat. Río Negro Prov.: Bariloche. 1 parat. Neuquen Prov.: Victoria Lake (*sic*) in **PC**.

Holot. ♂, 3 parat. glued to cards, on 3 pins, the holot. with the *genitalia* glued on a further card, R. Negro: Bariloche, "Holotipo" and "Paratipo" on red paper; "Mimodromius s. str. / metallicus n. sp. / J. Mateu det." handwr. by Mateu.

Note: Currently included in *Mimodromius* (*Mimodromius*).

mimicus [*Pseudaptinus* (*s. str.*)]. Liebke 1934: 373, 379-380. Type from Misiones Prov. in **BRC**; 1 cotype from [Santa Fe Prov.]: Rosario, *leg.* Stevenin, in **LC**; *fide* Bruch there are other 2 ex. from the same collecting in **STC**.

Holot. glued to a card, Misiones: S. Ignacio, "Type" on pink paper; "Pseudaptinus / mimicus Lbk. / Type M. Liebke determ." handwr. by Liebke, *ex BRC*.

minus [*Barypus*]. Roig-Juñent 1993a: 99-101, f. 8, 19, 27, 35, 99-107. 1 ♂ parat. without locality label. Holot. ♂, allot. ♀ and parat. from Neuquen Prov.: Lolog, in **MLP**; other parat. in **IAD** and **IPCN**.

1 ♂ parat. glued to a pointed card, with a glass microvial, without locality label.

Note: Included by Roig-Juñent (1993b) in *Barypus* (*Cardiophthalmus*).

mirasoi [*sub Mirasoi*] [*Bembidium*]. Jensen-Haarup 1910: 552. Mendoza Prov.: Pedregal, "very few specimens".

3 synt. glued to cards, Mendoza Prov., "Cotypus" on pale green paper; one of them, in addition, "Bembidium / Mirasoi / J.-Hrp." handwr. by Bruch, *ex BRC*.

Notes: Recorded under *Bembidion* by Blackwelder (1944: 29), and under *Notaphus* (*s. str.*) by Jeannel (1962: 624, 625). Perhaps a synonym of *Notaphus laticollis* (Brullé 1838).

montoroi [*sub Montoroi*] [*Lachnophorus*]. Tremoleras 1931: 247-248. Many ex., including the type, from Uruguay: Flores, and Florida, in **TC**.

6 parat. glued to pointed cards, on 3 pins, Uruguay: Florida, and Flores, "Para-/typus" handwr. on red paper; "Lachnophorus / Montoroi / Trmls / Juan Tremoleras det." handwr. by Tremoleras, *ex BRC*.

neuquensis [*Barypus*]. Roig-Juñent 1993a: 93-94, f. 3, 14, 22, 30, 54-62. 1 ♂ parat. Neuquen Prov.: San Martín de los Andes: Chapelco. Holot. ♂, allot. ♀ in **IPCN**; parat. in **MLP**, **IAD** and **MHNS**.

1 parat. glued to a pointed card, with a glass microvial, Neuquen: S. Martín de los Andes: Chapelco.

Note: Included by Roig-Juñent (1993b) in *Barypus* (*Cardiophthalmus*).

neuquensis [*Cnemalobus*]. Roig-Juñent 1993c: 299-300, f. 15, 24, 43, 46, 47, 53. Parat. Neuquen Prov.: 2 ♂ Collon-Curá, 1 ♀ Bajada Marucho; Río Negro Prov.: 1 ♂ Cerro Alto. Holot. ♂, Neuquen Prov.: Rinconada, allot. ♀ Neuquen Prov.: Aluminé Lake, both in **MLP**. Other parat. in **IAD** and **IPCN**.

2 parat. ♂, Neuquen Prov.: Collon Cura; 1 ♀, Neuquen Prov.: Bajada Marucho; 1 ♂ Río Negro Prov.: Cerro Alto, with a glass microvial; all pinned.

nuria [*Cnemalobus*]. Roig-Juñent 1994: 11-13, f. 21, 35, 43, 44, 56, 60. 1 parat. Chile: Coquimbo Region: Tongoy Guanaqueros. Holot. ♂, allot. ♀ *idem*. in **MHNS**. Other parat. in **MHNS**, **MLP** and **IAD**.

1 parat., pinned, with a glass microvial, Chile: Tongoy Huanquera.

oglobini (*sic*) [*Colliuris* (*Odacanthomimus*)]. Liebke 1938: 74-75, f. 45. 2 ex. Misiones Prov.: Loreto, type in **LC**, cotype in **BRC**.

1 parat. glued to a card, Misiones: Loreto, "Cotypus" handwr. by Bruch on pale green paper; "Colliuris / Ogloblini / Liebke" handwr. by Bruch, *ex BRC*.

Note: The species was named in honour of Dr. A. A. Ogloblin. The name should have been spelled *ogloblini*.

orfilai [*Callidula*]. Mateu 1954: 6, 7-8. Type ♂ from Río Negro Prov.: Moreno Lake. Cotype ♀ in **JMC**.

Holot. glued to a card, dissected parts glued to a further card, R. Negro: Moreno Lake, "Tipo" on red paper; "Callidula / orfilai mihi / J. Mateu det." handwr. by Mateu, *ex BRC*. Slide P:00173, *sub* C-66 in slide collection.

Note: Currently included in *Chaudoirina* (Nègre, 1973).

ovipennis [*Apenes*]. Liebke 1936a: 300-301. Type from Mendoza Prov. in **BRC**, 1 ex. from San Luis Prov., ex **BRC** in **LC**.

Holot., pinned, Mendoza Prov., "Cotypus" on red paper; "Apenes / ovipennis Lbk. Kotype / M. Liebke, determ." handwr. by Liebke, ex **BRC**.

painensis [*Barypus*]. Roig-Juñent & Cicchino 1989: 209-210, f. 1, 7, 18, 27, 36, 71-19. 1 ♂ parat. from Santa Cruz Prov., ex **BRC**. Holot. ♂, 1 ♂, 1 ♀ parat. from Chile: El Paine Nation. Park, in **IPCN**; other parat. in **MLP** and **FIML**.

1 ♂ parat., pinned, with a glass microvial, S. Cruz Prov. ex **BRC**.

Note: Included by Roig-Juñent (1993b) in *Barypus* (*Cardiophthalmus*).

passosi [*Paussus* [(*Paussus*)]]. Luna de Carvalho 1964: 87-88, f. 1. Holot. ♂ Angola: Caluango: Caquele River, in **MD**, parat. in **MD**, **RC** and **LCC**.

1 parat. glued to a card, "Ang. 16296.1", "Paratipo" on pale pink paper; "Paussus / passosi / L. de Carv." handwr. on pale pink paper, ex **MC**.

patagonica [*Chaltenia*]. Roig & Cicchino 2001: 664-666, f. 3, 8-27. 1 parat. Santa Cruz Prov.: Túnel Valley; 1 parat. Buenos Aires Prov.: Bajo Hondo. Holot. ♂, allot. ♀ Santa Cruz Prov.: Túnel Valley, in **MLP**; 1 parat. B. Aires Prov.: Bajo Hondo, in **IAD**.

1 parat., pinned, wings unfolded, one wing glued to a card, "Valle Tunel [handwritten] / Santa Cruz [printed]" on white paper; "♀" handwr.; 1 parat. glued to a pointed card, a plastic microvial, "Bajo Hondo [handwritten] / P.B. Aires [printed]" on white paper; "♀" handwr.; both: "Chaltenia / patagonica" printed on white paper; a square piece of red cardboard; "Paratypus" printed on yellow cardboard.

peruvianum [*Bembidium*]. Brèthes 1920: 33-34. Perú: Chanchamayo.

2 synt. glued to cards, Perú, "Type!" and "Bembidium / peruvianum / Brèthes" both handwr. by Brèthes, ex **JB**.

Note: Recorded under *Bembidion* by Blackwelder (1944: 29).

piceus [*Cnemalobus*]. Roig-Juñent 1994: 26-27, f. 10, 11, 31, 61, 66, 83, 92. 1 parat. Chile: Santiago: Palmas de Ocoa. Holot. ♂, allot. ♀ Chile: Santiago: Cerro El Roble, in **MHNS**; other parat. in **MCH**, **IAD** and **MLP**.

1 parat. pinned, with a glass microvial, Chile: Palmar de Ocoa.

proseni [sub *Proseni*] [*Calosoma retusum* var.]. Dallas 1944: 5-6, f. 1. Salta Prov.: Maimogasta, holot. ♂ in **PC**; parat. ♂ in **DC**.

1 ♂ parat., pinned, with a glass microvial, "Bs. Aires / 1904", "Para / Typus", handwr.; "Calosoma /

retusum F. / var. Proseni / Dallas 1942" handwr. by Dallas?; a small, square piece of red paper, ex **DC**.

Notes: The locality differs from the published one, but the remaining labels seem authentic. Vidal Sarmiento (1959: 294, f. 12-16) mentions only the species, as *Castrida retusum*; Gidaspow (1963: 287, 303-304, f. 7, 10, 26, 35, 47, 48, 78, 79, 88) also, as *Calosoma* (*Castrida*) *retusum*.

pseudochiloleuca [*Cicindela Drakei* subsp.]. Horn 1908: 209. ♂, ♀ in great amounts, Tucumán Prov.: Tañi Valley, ex **BRC** and **RIC**; types in **WHC**.

1 parat., pinned, Tucumán Prov., "Typus" on pale green paper; "pseudochiloleuca / W. Horn type" handwr. by Horn, cut, ex **BRC**.

Note: Recorded as *Cylindera* (*Plectographa*) *Drakei* subsp. *pseudo-chiloleuca* by Rivalier (1954: 266).

pseudodistinguenda [*Megacephala fulgida* subsp.]. Horn 1905: 51-52. ♂, ♀ from Santiago del Estero NW, Gran Chaco (Steinbach), and from San Luis (Bruch).

1 ♂ synt., pinned, S. Luis, "Typus" on pale green paper; "Tetracha / fulgida Klg. / var. / pseudo-distinguenda / W. Horn" handwr. by Bruch, with a red frame, ex **BRC**.

Note: Roig-Juñent (letter of 15.IX.2003) says it is the same as *Megacephala* (*Tetracha*) *fulgida* Klug 1834.

pulchellus [*Barypus*]. Burmeister 1868: 225, 227. 1 ♂ Buenos Aires Prov.: Salado River.

Holot. ♂, pinned, with a glass microvial, without labels, ex **HB**. On the bottom of the drawer, two labels read: "Barypus / Nob. / Baripus Dej.", "pulchellus / Nob. / Rio Salado" handwr. by Burmeister.

Note: Included by Roig-Juñent (1993b) in *Barypus* (*Barypus*).

pulchellus [*Cnemalobus*]. Roig-Juñent 1994: 27-28, f. 2, 5, 19, 32, 61, 67, 85, 86, 93. Holot. ♂, allot. ♀, parat. Chile: Santiago: Cantillana, in **MLP**; other parat. *id.* in **IAD**; Chile: Santiago: Horcón de Piedra, in **MHNS**; Chile: Pichi Alhue, in **DZC**.

2 parat., pinned, Chile: Santiago Prov.: Cantillana.

puncticeps [*Mimodromius*]. Liebke 1935: 161-162. 8 ex. from Mendoza and Catamarca, in **BRC** and **LC**; 1 ex. from Santiago del Estero: Icaño, in **MNHN**.

4 synt. glued to cards: 1 Catamarca Prov.: La Ciénaga; 1 Catamarca Prov.: Fuerte Quemado; 1 Catamarca Prov.: Famabalasto, and 1 Mendoza Prov.; "Typus" on red paper; "Mimodromius / puncticeps / Lbk. / M. Liebke determ." handwr. by Liebke, ex **BRC**.

Note: Recorded under *Mimodromius (Cobosia)* by Mateu (1955: 80, 97-98, f. 7, 45).

rhytidopteroides [*Odontochila lacordairei* subsp.]. Horn 1906: 175-176. 1 ♀ from Formosa in **BRC**; many ♂, ♀ ("*copiose lecto*") from Brasil: Mato Grosso State: Cuiabá.

1 synt. (parat.?) pinned, Formosa Prov., "Cotypus" on pale green paper; "Odontochila / Lacordairei Gory / subsp. rhytidopte / roides m." handwr. by Horn, ex **BRC**.

Note: Horn (1906: 175, footnote) says he received this specimen from Bruch "nachträglich" (thereafter) for identification; it is not clear if he included it in the type series.

rugosus [*Mimodromius (Cobosia)*]. Mateu: 1955: 93, f. 34-36. Cotypes La Rioja Prov.: Iliar. Further ex. La Rioja Prov.: Patquía, in **PC**; Santiago del Estero Prov.: Sumampa, in **JMC**.

5 synt. 28922 glued to cards, on 2 pins, La Rioja Prov.: Iliar, "Cotipo" on red paper; "Mimodromius / (Martinezia) / rugosus / n. sp. / J.L. Mateu det." handwr. by Mateu, ex **BRC**.

ryei [*sub Ryei*] [*Bembidium*]. Jensen-Haarup 1910: 551. Mendoza Prov., "not rare".

1 synt. glued to a card, Mendoza Prov., "Cotypus" on pale green paper; "Bembidium / Ryei / J.-Hrp." handwr. by Bruch, ex **BRC**.

Note: Mentioned under *Bembidion (incertae sedis)* by Csiki (1928: 162). After Roig-Juñent (letter of 15.X.2003) the taxonomic status remains uncertain, but it is not a species of *Bembidium*.

steinbachi [*Lachnophorus (Aretaonus)*]. Liebke 1936b: 463, 468. 1 cotype from Salta in **BRC**. Type and 12 ex. from Bolivia: Santa Cruz: Buena Vista in **LC**; many other specimens seen.

1 parat. glued to a card, Salta, "Kotype" on pink paper; "Lachnophorus / steinbachi Lbk. Kotype / M. Liebke determ." handwr. by Liebke, ex **BRC**.

striatipennis [*Cnemalobus*]. Roig-Juñent 1994: 23-24, f. 29, 61, 64, 76, 77, 80. 8 parat. Chile: Talca: Alto Vilches. Holot. ♂, allot. ♀, parat. *id.* in **MLP**; other parat. in **MHNS**, **DZC** and **IAD**.

8 parat., pinned, Chile: Talca Prov.: Alto Vilches.

subfoveolatus [*Metius*]. Straneo 1951b: 79. Many ex. from Brasil: Santa Catarina State, leg. Plaumann.

1 ♀ synt. glued to a pointed card, Brasil: [S. Catarina]: Nova Teutonia, "Metius / subfoveolatus Str. / Det. S.L. Straneo 1951 [black ink] / Paratypos [red ink]" handwr. by Straneo.

sulcatipennis [*Barypus*]. Roig-Juñent 1993a: 95, f. 4, 15, 23, 31, 63-71. Holot. ♂, allot. ♀, 1 ♀ parat. Neuquen. 1 ♀ parat. in **MLP**.

Holot. ♂, allot. ♀, 1 ♀ parat. glued to pointed cards, with a glass microvial, Neuquen.

Note: Included by Roig-Juñent (1993b) in *Barypus (Barypus)*.

suturalis [*Mimodromius (Cobosia) lepidus* var.]. Mateu 1955: 92, f. 31, 32. Catamarca Prov.: Ampayo, La Ciénaga, Cerrillos and other localities, in **BRC**. Type from Jujuy, in **FIML**.

1 ♀ parat., 53275, glued to a card, Catamarca: Cerrillos, "Paratipo" on red paper; "Mimodromius / (Martinezia) / lepidus / var. suturalis nov. / J. Mateu det." handwr. by Mateu. A slide "P 00205", in slide collection sub M-56.

tincta [*Lebia (Loxopeza) striata* var.]. Liebke 1936a: 303. 2 ex. Córdoba Prov.: La Paz, in **BRC** and **LC**.

1 synt. glued to a card, Córdoba: S. Javier: La Paz, "Typus" on orange paper; "Lebia striata / var. tincta Lbk. / M. Liebke determ." handwr. by Liebke, ex **BRC**.

trimaculata [*Colliuris (Odacanthella)*]. Liebke 1930: 694-695. 1 ex. from Buenos Aires Prov. in **BRC**. Type from Brasil: Santa Catarina State: Joinville, in **ZMB**; 2 ex. from Brasil: Santa Catarina State, in **MTD**; 2 ex. from Brasil: Rio de Janeiro, in **BM**; 1 ex. from Brasil, in **AC**; 4 ex. from Brasil, in **DEI**.

1 parat. glued to a card, B. Aires Prov., "Kotype" on pink paper; "Odacantha / trimaculata / det. M. Liebke. Hamb." handwr. by Liebke, cut, ex **BRC**.

Note: Currently included in *Colliuris (Apioderina)* (Liebke, 1938).

tucumana [*Galerita*]. Liebke 1932: 415, 418-419. 4 ex. from Tucumán, in **BRC** and **LC**.

Lectot. ♂, paralectot. ♀, pinned, B. Aires Prov., "Kotype" on pink paper; "Galerita / tucumana / Kotype / M. Liebke determ." handwr. by Liebke, ex **BRC**.

Notes: Lectot. and paralectot., labelled "*Galeritula tucumana*", designated by Reichardt (1967b: 70-71, f. 50, 52), who mentions 3 further "cotipos" at Warshaw Museum, ex **LC**; Liebke mentioned only 4 specimens from Tucumán.

tupungatensis [*Cnemalobus*] Roig-Juñent 2002: 55-59, 61, f. 1, 5-7, 10, 15, tab. 6. Mendoza Prov.: Tupungato: Pampa La Carrera 12.X.1998 S. Roig leg. 2 parat in **MACN**. Holot. in **IAD**, 16 ♂, 20 ♀ parat. **IAD**, **MLP**, **FIML**; 2 parat. Mendoza Prov.: Paramillos de Uspallata in **IAD**.

2 parat., pinned, one of them with a plastic microvial. Mendoza Prov.: Tupungato: Pampa de

la Carrera 12.X.1998, leg. S. Roig, "Paratypus" printed on red paper; "Cnemalobus / tupungatensis / Roig-Juñent 2002" printed on white paper.

vianai [*Physeomorpha*]. Ogueta 1963: 113-116, f. 5, 6, 8, 12. Holot. ♀ Santiago del Estero Prov.: Salado River, in **BRC**.

Holot. ♀ glued to a card, dissected parts glued to a further card, S. del Estero: Salado River, ex **BRC**.

wagneri [*Mimodromius*]. Liebke 1935: 160-161. 4 ex. Catamarca Prov.: La Ciénaga, in **BRC** (types) and **LC**; 7 ex. Santiago del Estero Prov.: Icaño, in **MNH** and **LC**.

2 synt. glued to cards, Catamarca Prov.: La Ciénaga, "Cotypus" on orange paper; "Mimodromius / wagneri Lbke. / M. Liebke determ." handwr. by Liebke, ex **BRC**.

Note: Recorded under *Mimodromius* (*Cobosia*) by Mateu (1955: 82, 93-94, f. 37-40).

waterhousii [*sub Waterhousii*] [*Odontoscelis*]. Burmeister 1870: 126. = *Odontoscelis Desmaresti*: Burmeister 1868: 228. Buenos Aires Prov.: Salado River; Entre Ríos Prov.: banks of Uruguay River, and Paraná; Santa Fe.

3 synt., pinned: 1 "Uruguay" [probably Uruguay River is meant]; 1 B. Aires: Salado River; and 1 E. Ríos: Paraná. On the bottom of the drawer two labels read: "Odontosce / lis Curt. / Cnemacanth. Br." and "Waterhousii Nob. / Rep. Argent." handwr. by Burmeister. All ex **HB**.

Notes: Recorded as *Cnemacanthus Waterhousei* (*sic*) by Csiki (1928: 16). Synonymized with *Cnemalobus striatus* (Waterhouse 1841) by Roig-Juñent 1993c.

ytu [*Lebia* (*Chelonodema*)]. Reichardt 1972: 32-33, f. 1-4, 10, 17, 54. 1 ♀ parat. Misiones Prov.: San Ignacio. Holot. ♂, parat. Brasil: S. Paulo State: Ytu, in **MZSP**; parat. from other localities *ibid.*, **MNH**, **IBSP** and **NC**.

1 ♀ parat., pinned, Misiones: S. Ignacio, "Lebia / (Chelonodema) / ytu, sp. n. / paratype ♀ / Reichardt det. 1972" handwr. by Reichardt on red paper.

NAMES NOT FOUND IN THE LITERATURE AND PRESUMABLY NOT PUBLISHED

bruchi [*Brachinus*]. Maindron

1 ex., pinned, Jujuy, "Typus" on pale green paper, ex **BRC**.

donckieri [*sub Donckieri*] [*Coptodera*]. Maindron

1 ex., pinned, Brasil: Goiás State: Jatahy,

"Cotypus" on pale green paper; "Coptodera Donckieri m." handwr., cut, ex **BRC**.

SPECIMENS LABELLED AS TYPES BUT NOT INCLUDED IN THE ORIGINAL SERIES

argentinius [*Pseudaptinus* (*Enaphorus*)]. Liebke 1929: 351, 1 f. 2 ex. Buenos Aires Prov., ex **BRC**, cotype in **LC** [*ergo* type in **BRC**].

2 ex., B. Aires Prov., "Cotypus" by Bruch, ex **BRC**.

Note: These specimens were not mentioned in the original publication (see the main list, above). Currently included in *Thalpius*.

bosqui (*sic*) [*Mimodromius*]. Mateu 1955: 97, f. 43, 44. Cotypes: Neuquen Prov.: Zapala, at **MACN** and **FIML**; La Pampa Prov.: Pico, in **JMC**; Río Negro Prov.: Choele-Choel, and Neuquen: Plaza Huiral (*sic*), in **PC**; Buenos Aires Prov.: Solá Railway Station, and Mendoza, in **JMC**.

1 ex. 31793, from B. Aires Prov.: San Blas, "Cotipo" on red paper; "Mimodromius / (Martinezia) / bosqui n. sp. / J. Mateu det." handwr. by Mateu.

Note: The locality was not mentioned in the original publication (see the main list, above), but otherwise the labels seem authentic.

bruchi [*Scarites*]. Bänninger 1932: 210-211. 3 ex. Mendoza Prov.: Potrerillos (type in **BRC**; 2 cotypes in **BC**); 1 ex. Catamarca Prov.: La Ciénaga, in **BRC**; 2 ex. Mendoza, at **BM**; 2 ex. Tucumán, in **BC**.

1 ex. from Catamarca Prov.: La Ciénaga, "Cotypus", ex **BRC**.

Note: The specimen was mentioned in the original publication, but it seems not to have been intended as a type. (see the main list, above)

confluens [*Cicindela*]. Horn 1893: 197-198, pl. 3: 6. 1 ♀ from Brasil: Minas Gerais State.

1 ex., Formosa I. 1905, "Cotypus"; "Cic. con / fluens W. Horn" handwr. by Horn, ex **BRC**.

Notes: Formosa was not mentioned in the original publication, and the specimen was taken after the publication date. Recorded as *Cicindela confluente-signata* by Horn (1915: 407) *nom. nov. pro confluens* Horn (1893) *non* Beuthin *nec* Kraatz *nec* Fowler; = *nigrosticta* Chaudoir 1865 in *catalog.*; recorded as *Cylindera confluente-signata* by Vidal Sarmiento (1966b: 38).

obsoletesignata [*Cicindela*]. Horn 1895a: 91-92. 1 ♀ Brasil: Santa Catarina.

1 ex., Chaco de S. Fe, "Cotypus" on pale green paper; "C. obsoletesignata" handwr. by Horn, cut, ex **BRC**.

Note: The specimen was not mentioned in the original publication. Recorded as *Brasiella? ob-*

solete-signata by Rivalier (1954: 263), and as *Brasiella obsoletesignata* by Vidal Sarmiento (1966b: 31).

ritsemæ [sub *Ritsemæ*] [*Cicindela*]. Horn 1895b: 15-16. Argentina.

1 ex., Córdoba, 1906, "Cotypus" on pale green paper; "Ritsemæ W. Horn", handwr. by Horn, ex BRC.

Notes: The specimen was taken after the publication date. Recorded under *Cylindera* (*Plectographa*) by Rivalier (1954: 266).

solieri [sub *Solieri*] [*Mimodromius*]. Csiki 1932: 1461. *Nom. nov. pro Mimodromius pictus* (Solier in Gay 1849: 141, name of Maille) non Dejean.

1 ex., Córdoba Prov.: Unquillo, 1926, "Typus" on red paper; "Mimodromius / solieri / Csiki / M. Liebke determ." handwr. by Liebke, ex BRC.

Note: This is a replacement name; this specimen is not a type.

victoriensis [*Ceroglossus chilensis* var.]. Dallas 1933: 75. 3 cotypes (one at **IZG**; two in **DC**). Name of Bodemeyer in *litt.*, 1924, who sent these 3 'cotypes'; at the death of B. von Bodemeyer "... la descripción posiblemente publicó después el célebre carabólogo Dr. Roeschke en alguna revista europea" (... the description was possibly published by the celebrated carabologist, Dr. Roeschke in some european journal).

1 ex., Chile: Malleco: Victoria, ex coll. Dallas, "Co-typus" on red paper; "*Ceroglossus / chilensis* / B. v. Bodemeyer"; "nov. var. victoriensis / B. v. Bodemeyer et Röschke" handwr. on red paper.

Notes: As of Dallas (1933) it is a *nomen nudum*, there is no description; if the name had in fact have been published by Roeschke, this specimen would be a syntype, or a paratype if some specimen labelled "Typus" would remain in Germany. Blackwelder (1944: 21) refers the name to Dallas (1933: 75). No reference to Roeschke, nor to *Ceroglossus*, was found in Zoological Record (1922 - 1940).

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Recibido: 3-XI-2003

Aceptado: 15-II-2004