

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

2. *Addenda et corrigendum*

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Abstract: After the publication of the first part of this catalog (Bachmann 1999), several type specimens were deposited, or found in the collection, and are here recorded. Some entries correspond to additional specimens of species already dealt with. In these *addenda* types of 69 names are recorded. A correction of the authors' names of one previous entry is included (*Pothea andina*, Reduviidae).

Key words: Insecta, Hemiptera, Heteroptera, Type specimens-2.

Resumen: Catálogo de los tipos de Heteroptera (Insecta) conservados en el Museo Argentino de Ciencias Naturales, Buenos Aires. 2. *Addenda et corrigendum*. Después de la publicación de la primera parte de este catálogo (Bachmann 1999), varios ejemplares tipo fueron depositados, o hallados en la colección, y son registrados aquí. Algunos registros corresponden a ejemplares adicionales de especies ya tratadas. En estos *addenda* se registran tipos de 69 nombres. Se incluye una corrección de los nombres de los autores de un registro anterior (*Pothea andina*, Reduviidae).

Palabras clave: Insecta, Hemiptera, Heteroptera, Ejemplares tipo-2.

INTRODUCTION

A catalog of the types of Heteroptera deposited in this Museum was published several years ago (Bachmann, 1999); thereafter further types were here deposited, and some others were found in the collection, not included then. Sixty-nine names are recorded in this *addendum*. Many of the new recorded types refer to twenty-one species of Reduviidae described by Dr. Diego José Carpintero, and to sixteen species of Miridae described by Dr. Jose Candido de Melo Carvalho and Mr. Diego Leonardo Carpintero; both series were here deposited by Diego L. Carpintero, after the decease of his father, Dr. Diego J. Carpintero.

As before, the specific and subspecific names are alphabetically arranged in separate lists, grouped by families, in their original spellings, with a brief bibliographic quotation, and, if they were mentioned, the localities and specimens designated. A list of the types actually housed in the Museum follows, with a description of all the labels. If no holotype, or an equivalent was origi-

nally designated, and the amount of specimens examined was not stated, it is assumed that there was a series of syntypes (recommendation 73F of the Code, ICZN, 1999), eventually 'sole syntypes'.

Burmeister did not use to label his specimens; he fastened to the bottom of the drawer, to the left of the specimens, handwritten identification labels, genus and/or species, adding sometimes a vague distributional indication, e. g. "Patag.", "Arg." or "Br." for Patagonia, Argentina or Brasil; types were not identified. Berg put to his types a tiny label, printed "Typus" in red and red framed. I added to the specimens deemed to be the types, labels reading "Holotypus" or "Syntypus", printed or handwritten on red paper. On the other hand, there are in the collection some specimens labeled as types, but not mentioned in the original descriptions; some were perhaps not even intended as types, but in order to assist in future research they are here included in a separate list. If the country is not mentioned, Argentina is meant.

Some specimens bear a registration number,

handwritten on a small label with a red frame, entered in the register book of the Entomology Division; numbers under 10000 refer to the old general register books of the Museum.

This Museum is identified as **MACN**. Other repositories are identified as follows: **AMNH**, American Museum of Natural History, New York, USA; **BM**, Natural History Museum, London, UK; **CAM**, Carnegie Museum, USA; **CAS**, California Academy of Sciences, USA; **CC**, Dr. D.J. Carpintero coll.; **CJC**, J.C.M. Carvalho coll.; **CM**, A. Martínez coll.; **CNC**, Canadian National Collection; **COU**, Cornell University, USA; **CRC**, R.U. Carcavallo coll.; **DL**, D.L. Carpintero coll.; **HIP**, Hydrobiologisches Institut, Plön, Germany; **IBH**, Instituto de Ciências Biológicas, Belo Horizonte, Brasil; **IBM**, Instituto de Biología, Universidad Nacional Autónoma, México; **IML**, Fundación e Instituto Miguel Lillo, Tucumán; **ISM**, Instituto San Miguel, San Miguel, later INESALT, now at the Universidad Nacional de Salta, Salta; **KU**, Kansas University, USA; **MLE**, Museum Leningrad, Russia; **MLP**, Museo de La Plata, La Plata; **MO**, Museum Oxford, UK; **MRJ**, Museu Nacional, Rio de Janeiro, Brasil; **MS**, Museum Stockholm, Sweden; **RL**, Rijksmuseum Leiden, The Netherlands; **SEM**, Snow Entomological Museum, Lawrence, USA; **UM**, University of Minnesota, USA; **USNM**, United States National Museum (Smithsonian Institution), Washington, USA; **ZMU**, Zoologisch Museum, Utrecht, The Netherlands.

Abbreviations used: **ab.**, aberratio; **allot.**, allotypus, allotype; **coll.**, collection; **f.**, figure; **genit.**, genitalia; **handwr.**, handwritten; **holot.**, holotypus, holotype; **leg.**, legit, legint; **p.**, page; **parat.**, paratypus, paratype; **pl.**, plate; **print.**, printed; **prov.**, province; **spec.**, specimen, specimens; **synt.**, syntypus, syntype; **tab.**, table; **xerocop.**, xerocopied.

CATALOG OF THE TYPES

Belostomatidae

bordoni [*Belostoma*]. De Carlo 1966: 106–107, f. 8, 28, 32. Venezuela: Guárico: represa del Calabozo, leg. Bordon & Martínez VI.1963. **Holot.** ♂, **alot.** ♀, **parat. four** ♂, **one** ♀ in **MACN**.

Holot. ♂, **allot.** ♀, **three parat.** pinned, “Venezuela / Est. de Guarico / Leg. Bordon - Martínez / VI - 1963” handwr., “Holotypus” [“Allotypus”, “Paratypus”] print. on red [red, yellowish orange] paper, black frame; “Belostoma /

bordoni / Holotipo [Alotipo, Paratipo] [handwr.] / Museo Argentino de Ciencias Naturales [print.]” on red [red, white] paper, black frame.

Note: Two parat. were recorded in the main catalog (Bachmann 1999: 194).

doesburgi [*Belostoma*]. De Carlo 1966: 104–105, f. 24, 29. Surinam: Paramaribo, leg. Doesburg IX.1962. **Holot.** ♂, **allot.** ♀, **six parat.** in **RL**, **six parat.** 53994 in **MACN**.

One parat. pinned, “Paramaribo / Surinam / 15-IX-1962 / P.H. v. Doesburg” print., date handwr.; “Paratypus / Museo Argentino de Ciencias Naturales” print. on yellowish orange paper.

Notes: Eight parat. were recorded in the main catalog (Bachmann 1999: 194). A synonym of *B. harrisi* Lauck 1962, *vide* Nieser (1975: 99–100).

sattleri [*Belostoma*]. De Carlo 1966: 105–106, f. 9, 12, 13. Brasil: Amazonas, **holot.** ♂, **allot.** ♀ in **HIP**, **one** ♀ **parat.** in **MACN** sub 53995.

Holot. ♂ pinned, dissected parts in a plastic microvial, “Amazonasgebiet / Bragantina / Quatipuru / 6-4-69 / leg. E.J. Fittkau / coll. Amazonas 1960/3 [print.] / A 519 [handwr.]”; “Belostoma / harrisi Lauck / Det.: D.R. Lauck” print.; “Holotypus / Museo Argentino de Ciencias Naturales” print. on red paper, black frame.

Notes: The allot. ♀ was recorded in the main catalog (Bachmann 1999: 196). A synonym of *B. harrisi* Lauck 1962, as labeled by Lauck.

schubarti [*Horvathinia*]. De Carlo 1958: 50–51, f. 9, 16, 18, 26. Brasil: Pirassununga, leg. Schubart 18.XI.1940, **Holot.** ♂ in **MACN** sub 53801.

A glass vial with *genitalia* dissected from the holot., “Horvathinia / schubarti / genitales” handwr. by De Carlo on white, dirty paper.

Notes: The holot. ♂, but not its *genit.*, was recorded in the main catalog (Bachmann 1999: 196). A synonym of *H. pelocorooides* Montandon 1911 *vide* Schnack & Estévez (2005).

Cimicidae

patagonicus [*Cyanolicimex*]. Carpintero, Di Iorio, Turienzo & Masello in Di Iorio, Turienzo, Masello & Carpintero 2010: 6–7, f. 2–7, 27. **Holot.** ♀, **allot.** ♂, **parat. three** ♀, **one** ♂, **nymphs II, IV, V**, all slide mounted, Rio Negro Prov.: El Cóndor, in nests of *Cyanoliseus patagonus* (Aves: Psittacidae).

Holot. ♀ in a slide, cleared and mounted *in toto*, “Arg. Rio Negro / El Condor / XII.2004 / J.

Masello / on *Cyanoliseus* / nest / *Cyanolicimex patagonicus* n. sp." handwr.; "Holotypus" print. on red paper; remainings of a black frame; "Cyanolicimex / patagonicus n. sp. / Carpintero, Di Iorio, Turienzo / & Masello [handwr.] / Museo Argentino de Ciencias Naturales [print.]" on red paper; remainings of a black frame.

Coreidae

ambiguus [*Scamurius*]. Brailovsky 1986: 30, 38–39, f. 49, 52. Misiones Prov.: Loreto III.1953.

Holot. ♂ in **MACN**; **parat.** in **IBM**.

Holot. ♂ pinned, dissected parts on a card, "Holotipo" print. on bright red paper, black frame, reverse white; "Loreto / Misiones / III-1953" handwr., remainings of a black frame; "H. Brailovsky A. det. [print.] / Scamurius ambiguus / Brailovsky [handwr.]", black frame.

cauta [*Cebrenis*]. Brailovsky 1995: 31, 75–83, f. 30, 31, 62–65, 111, 112, 187. Corrientes Prov.: 32 km East of Ituzaingó 20.I.1989. **Holot.** in **IBM**. **Three parat.:** Misiones Prov. 18.VIII.1951. **Two parat.:** Misiones Prov. 2-4.III.1897 coll. Venturi. **Two parat.:** Catamarca Prov. **One parat.:** Corrientes Prov.: Santo Tomé II.1926, all in **MACN**. Several **parat.** from West Indies southwards until Argentina, in diverse repositories.

Three parat. pinned, "5653" handwr., red frame; "Rca. Argentina / Gob. Misiones / 2.III.1897 [3.III.1897, 4.III.1897] / S. Venturi" print., black frame. **Two parat.:** "10214" handwr., red frame; "Catamarca" handwr. on green paper, black frame, reverse white. **One parat.:** "S. Tomé / Corrientes [print.] / II.926 [handwr.]", remainings of a black frame. **All six:** "Paratipo" print. on bright red paper, black frame; "H. Brailovsky A. det. [print.] / Cebrenis / cauta Brailovsky [handwr.]", black frame.

Note: The enter 5653 in the old register book of the Museum refers to 2127 hemipters sold by S. Venturi, and entered on 17.IX.1901; the entry 10214 in the register book of the Entomology Division refers to 52 hemipters from Catamarca Prov., entered on XII.1910.

marianae [*Scamurius*]. Brailovsky 1986: 30, 42–45, f. 51. Paraguay: Horqueta, East of Paraguay River. **Holot.** ♂ in **AMNH**, Corrientes Prov.: Santo Tomé II.1925 **one parat.** ♂ in **MACN**. Other **parat.** Brasil in **MRJ** and **IBM**; Catamarca Prov.: La Viña in **IBM**.

One parat. ♂ pinned, "S. Tomé / Corrientes [print.]/II.925[handwr.]" black frame; "Paratipo"

handwr. on green paper; "H. Brailovsky A. det. [print.] / Scamurius marianae / Brailovsky [handwr.]" on white paper, black frame.

mundulus [*Scamurius*]. Brailovsky 1986: 30–32, f. 50, 54. Corrientes Prov.: Santo Tomé I.1928 **holot.** ♂, **allot.** ♀ in **MACN**. Paraguay: Villa Rica 12.II.1947, leg. Schade, **one parat.** ♂ in **IBM**.

Holot. ♂, **one parat.** pinned, "S. Tomé / Corrientes [print.] / I.928 [handwr.]", black frame; "H. Brailovsky A. det. [print.] / Scamurius mundulus / Brailovsky [handwr.]", black frame; "Holotipo" ["Paratipo"] print. on bright red [bright green] paper.

serus [*Pachylis*]. Berg 1881: 260–261. Brasil: Rio de Janeiro, leg. Taffurelli, **two** ♂, **one** ♀, **one "pseudoimagen"**. There are some spec., not identified, in Berlin Museum.

One ♂, **one** ♀, **one nymph synt.** pinned, "Typus" print. with red ink on tiny labels, red frame; "Rio de / Jan." print. on green paper. "Pachylis" and "serus / Berg / Br." handwr. by Berg, black frame, originally fastened to the bottom of the drawer. To all I add "Pachylis / serus / Berg / Syntypus" handwr. on red paper, remainings of a black frame.

vacillans [*Scamurius*]. Brailovsky 1986: 30, 41–42, f. 44. Paraguay: Horqueta, East of Paraguay River 14.IV.1933, leg. Schulze, **holot.** in **AMNH**. **Parat.:** Corrientes Prov.: Santo Tomé II.1925; Catamarca Prov.; Brasil: Rio de Janeiro, in **IBM**, **MRJ**.

One parat. pinned, dissected parts on a card, "Buenos Aires Argentina / Isla Martín García / 4-1938 M.J. Viana" print., date handwr., "42533" handwr., remainings of a red frame; "Paratipo" print. on bright green paper, black frame; "H. Brailovsky A. det. [print.] / Scamurius vacillans / Brailovsky [handwr.]", black frame.

Notes: Martín García Island, in the Rio de la Plata, was not mentioned in the original publication, but the labels are authentic as from Brailovsky. The entry 42533 in the register book of the Entomology Division refers to one coreid from Martín García Is., M.J. Viana leg., designated parat. of *Scamurius vacillans*.

Gelastocoridae

decarloi [*Gelastocoris*]. Estévez & Schnack 1977: 81–83, f. 1-8. Brasil: Santa Catarina: Nova Teutonia, **holot.**, **allot.**, **four parat.** in **MACN**.

Holot., allot., four parat. pinned [one of the parat. on a card, with a further card beneath], “Brasilien / Nova Teutonia / 27°11 B 52°23 L / Fritz Plaumann / 300-500 m [print.] / [diverse dates, handwr.]”, black frame; “Museo de La Plata [print.] / Gelastocoris / decarloi / Estévez - Schnack [handwr.]”, black frame; “Holotipo” [“Alotipo”, “Paratipo”] print. on red paper.

Gerridae

pingreensis [Gerris]. Drake & Hottes 1925: 49. United States: Colorado: Pingree Park.

One parat. pinned, “Pingree Park / Colo [print.] 8-22-24 [handwr.]”; “paratype” print. on pink paper; “D.J. Drake / Collector” print.; “F.C. Hottes” print.; “46866” handwr., remainings of a red frame; “Gerris / pingreensis / D+Hot / D+H” handwr., black frame.

Hydrometridae

quadrispina [Hydrometra]. Perez Goodwyn 2001: 127–128, f. 1–8. Buenos Aires Prov.: Ensenada: Punta Lara XII.1997 - II.1998, **holot.** ♀ (*sic, pro* ♂), **allot.** ♀, **six parat.** in MLP. **Parat. two** ♂, **four** ♀ in MACN.

Two ♂, **four** ♀ **parat.** on big cards with a layer of cotton, wrapped in polyethylene film, on separate pins, “Argentina, Buenos / Aires, Punta Lara / 19/12/97 [on one] 29/1/98 [on five] / col. N. von Ellenrieder [on one] col. P. Goodwyn [on five]” handwr., black frame; “Hydrometra / quadrispina / Perez Goodwyn / Paratipo” handwr., black frame; “Paratipo” print. on red paper.

wileyi [Hydrometra]. Hungerford 1923: 57–58, pl. I: f. 1, 6, 9–11. United States of America: Texas: Colorado County, near Rock Island, **holot., allot., parat.** in KU; other **parat.** in USNM, CAM, CNC, CU, UM and several private collections.

One parat. on a pointed card, head and parts of legs missing, “Colorado Co. Texas / July 22. 1922 / Mrs. Grace Wiley” photographed; “Hydrometra wileyi / Paratype [handwr.] / Det. H.B. Hungerford [print.]” on pink paper; “1850” handwr.

Largidae

nigricans [Thaumastaneis]. Dellapé & Melo 2007: 22–24, f. 1, 7–11. Bolivia; Trinidad 50276, “montandoni det. Kormilev”, **holot.** ♂ in MACN. Bolivia: Santa Cruz: Santiago: Chiquitos, **parat.** ♀ in IML.

Holot. on a pointed card, dissected parts on another pointed card, a plastic microvial with dissected parts; “50276” handwr., red frame; “♂” print.; “Trinidad / Bolivia / X.1917 [print., obverse] / J. Bosq leg. [handwr., reverse]”; “Holotipo” handwr. on red paper; “Thaumastaneis (*sic*) / montandoni / Kirkaldi (*sic*) & Edwards / det. N. Kormilev [handwr.] / Museo Argentino de Ciencias Naturales [print.]” on white paper, black frame; “Thaumastaneis / nigricans / Dellapé & Melo 2007” handwr. on white paper.

Note: The entry 50276 in the register book of the Entomology Division refers to one “pyrrhocorid” from Bolivia: Trinidad, leg. C. Lizer y Trelles X.1917, labeled *Thaumastaneis montandoni* by N. Kormilev.

podalicus [Acinocoris]. Brailovsky 1989: 78, f. 6. Formosa Prov.: Formosa City XII.1949. **Holot** ♀ in MACN.

Holot. ♀ on a pointed card, “Holotipo” print. on bright red paper, black frame; “Argentina / Formosa / Ciudad XII.1949 / A. Martínez legit” print., black frame; “H. Brailovsky A. det. [print.] / Acinocoris / podalicus Brailovsky [handwr.]” on white paper, black frame.

Miridae

argentina [Hadronemisca]. Carvalho & Wallerstein 1978: 523–524, f. 1–5. San Luis Prov.: San Gerónimo 1972, **holot.** ♂ in MACN. San Luis Prov.: S. Gerónimo and Merlo, **parat. three** ♂ in MACN and CJC.

Holot. ♂ on a card, “S. Jeronimo / San Luis / 1972” handwr.; “Holotypus” print. on red paper, black frame; “17” typed; “Hadronemisca / argentina / n. sp. [handwr.] / Det. J.C.M. Carvalho [print.]” on white paper.

Note: Parat. not found.

cajamarcanus [Mimoncopeltis]. Carvalho & D.L. Carpintero 1989: 1116, f. 22–26. Perú: Cajamarca: Cajamarca, 2700 m, III.1942, **holot.** ♂ in DL.

Holot. ♂ on a card, a leg on the same card, dissected parts on another card, “Cajamarca / Peru III.42 / 2700 m” handwr.; “1294” handwr. with green ink; “Holotypus” print. on red paper, remainings of a black frame; “Mimoncopeltus / cajamarcanus n. sp. [handwr.] / J.C.M. Carvalho det. 88 [print.]” on white paper, black frame.

carpintero [Polymerus]. Carvalho & Wallerstein 1978: 526–527, f. 14–17. San Luis Prov.: Merlo

1972, **holot.** ♂ in **MACN.**

Holot. ♂ on a card, dissected parts on another card, “Merlo / S. Luis / 1972” handwr.; “Holotipo” print. on dark red paper, black frame; “Polymerus / carpintero / n. sp. [handwr.] / Det. J.C.M. Carvalho [print.]” on white paper; “26” typed.

chaquensis [*Chiloxionotus*]. Carvalho & D.L. Carpintero 1989: 1110–1113, f. 6–9. Chaco Prov.: Resistencia XII.1935, **holot.** ♂ in **DL.**

Holot. ♂ on a pointed card, dissected parts on another card, “Resistencia / Chaco / XII-35” handwr.; “1487” handwr. with green ink; “Holotypus” print. on red paper; “Chiloxionotus / chaquensis n. sp. [handwr.] / C.& C. / J.M. Carvalho det. 1988 [print.]” on white paper.

chingonus [*Comefulvius*]. Carvalho & D.L. Carpintero 1985: 510–511, f. 6, 7. Córdoba Prov.: La Serranita II.1985, **holot.** ♂ in **DL.**

Holot. ♂ on a pointed card, a leg on the same card, “La Serranita / Cordoba / II-1981” handwr.; “56” typed with red ink; “Holotypus” print. on red paper; “Comefulvius / chingonus n. sp. / [handwr.] / det. J.C.M. Carvalho 19_ [print.]” on white paper, black frame.

cordobensis [*Nanniresthenia*]. Carvalho & D.L. Carpintero 1987: 20–23, f. 5–9. Córdoba Prov.: Calamuchita I.1978, **holot.** ♂ in **DL.**

Holot. ♂ on a pointed card, dissected parts on another card, “Calamuchita / Córdoba” handwr.; “Holotypus” print. on red paper, black frame; “Nanniresthenia / cordobensis / n. sp. / Det. Carpintero” handwr., black frame; “1278” handwr. with green ink.

dureti [*Platytylus*]. Carvalho & D.L. Carpintero 1989: 1119, f. 20. Misiones Prov.: Iguazú, leg. Duret XI.1945, **holot.** ♂ in **DL.**

Holot. ♂ on a pointed card, a leg on the same card, dissected parts on another card, “Iguazú / Misiones. Arg. / Dr. Duret XI-45” handwr.; “1266” handwr. with green ink; “Holotypus” print. on red paper, black frame; “Platytylus / dureti n. sp. [handwr.] / J.C.M. Carvalho det. 1988 [print.]” on white paper, black frame.

ecuadorianus [*Adpiasus*]. Carvalho & D.L. Carpintero 1986: 291–292, f. 1–4. Ecuador: Quevedo V-1978 leg. Fritz, **holot.** ♂ in **DL.**

Holot. ♂ on a pointed card, dissected parts on another card, “Quevedo / Ecuador / Fritz col. V-76” handwr.; “947” typed with red ink;

“Adpiasus / ecuadorensis (*sic*) / n. sp. [handwr.] / det. J.C.M. Carvalho 19_ [print.]” on white paper, black frame.

Note: The specific epithet differs slightly from the published one, *ecuadorensis* against *ecuadorianus*, but otherwise the labels seem authentic.

fratrueilis [*Capsus (Deraeocoris)*]. Berg, 1880: 17. Buenos Aires Prov.: Río Colorado leg. Doering, **one** ♂, **one** ♀.

Neot. missing on a pointed card, broken parts on the same card, “Argentina - Santa Fe / D° Garay - Col. Mascías / M.J. Viana XI.1942” print., black frame; “Hyporminocoris / fratrueilis / (Berg, 1878) / Det. Carpintero” handwr.; “Neotypus” print. on red paper.

Notes: The specimen got detached from the card and is lost. Currently in genus *Hyporminocoris*.

iguazuensis [*Prepops*]. Carvalho & D.L. Carpintero 1987: 27, f. 19–22. Misiones Prov.: Iguazú National Park XII.1979 **holot.** ♂ in **DL, parat.** ♂ in **CJC.**

Holot. ♂ on a card, “PN. Iguazu / Misiones / XII-79” handwr.; “Holotypus” print. on red paper; “403” typed with red ink; “Prepops / iguazuensis n. sp. [handwr.] / det. J.C.M. Carvalho 19_ [print.]” on white paper, black frame.

rionegrensensis [*Hadronemella*]. Carvalho & D.L. Carpintero 1991: 771, f. 25–28. Río Negro Prov.: Coronel Gomes (*sic, pro* Gómez) XI.1945, **holot.** ♂ in **DL.**

Holot. ♂ on a pointed card, dissected parts on another card, “Cnel. Gomez / Río Negro / XI-45” handwr.; “304” handwr. with green ink; “Holotypus” print. on red paper, remainings of a black frame; “Hadronemella / rionegrensensis n. sp. / C.&C. [handwr.] / J.C.M. Carvalho det. 1988 [print.]” on white paper, black frame.

rodeana [*Nanniresthenia*]. Carvalho & D.L. Carpintero 1989: 1117–1119, f. 27. Catamarca Prov.: Rodeo, leg. Golbach I.1958, **holot.** ♀ in **DL.**

Holot. ♀ on a pointed card, “El Rodeo / Catamarca / I.58 Arg. / Golbach” handwr.; “1286” handwr. with green ink; “Holotypus” print. on red paper; “Nanniresthenia / rodeana / n. sp. / Det. Carpintero” handwr. on white paper, black frame.

sanluisensis [*Hadronemella*]. Carvalho & D.L. Carpintero 1991: 771–773, f. 29–33. San Luis Prov.: San Gerónimo, leg. Viana I.1972, **holot.**

♂, **parat. six** ♂, **three** ♀ in **DL** and **CJC**.

Holot. ♂ on a card, "S. Geronimo / San Luis / I-72 Viana" handwr., remainings of a black frame; "344" handwr. with green ink; "Holotypus" print. on red paper, remainings of a black frame; "Hadronemella / sanluisensis / n. sp. / Det. Carpintero", handwr. on white paper, black frame.

tibialis [*Iguazucoris*]. Carvalho & D.L. Carpintero 1985: 508, f. 1–5. Misiones Prov.: Iguazú National Park X.1980, **holot.** ♂ in **DL**, **one parat.** ♂ in **CJC**.

Holot. ♂ on a card, "P.N. Iguazu / Misiones / X-80" handwr.; "90" typed with red ink; "Holotypus" print. on red paper, remainings of a black frame; "Iguazucoris / tibialis n. sp. [handwr.] / det. J.C.M. Carvalho 19_ [print.]" on white paper, black frame.

vianai [*Orthotylus*]. Carvalho & D.L. Carpintero 1991: 776–778, f. 42–45. San Luis Prov.: San Gerónimo, leg. Viana I.1972, **holot.** ♂, **parat. eight** ♂, **eight** ♀ in **DL** and **CJC**.

Holot. ♂ on a rectangular card, "S. Gerónimo / San Luis. Arg. / I-72 Viana" handwr.; "360" handwr. with green ink; "Holotypus" print. on red paper, remainings of a black frame; "Orthotylus / vianai / n. sp. / Det. Carpintero" handwr. on white paper, black frame.

willineri [*Chiloxionotus*]. Carvalho & D.L. Carpintero 1989: 1113–1116, f. 14–17. Tucumán Prov. 4300 m alt., **holot.** ♂ in **DL**.

Holot. ♂ on a pointed card, dissected parts on another card, "Tucuman / 4300 m Arg. / XI-64" handwr.; "1287" handwr. with green ink; "Holotypus" print. on red paper, remainings of a black frame; "Chiloxionotus / willineri n. sp. [handwr.] / J.C.M. Carvalho det. 1988 [print.]" on white paper, remainings of a black frame.

Naucoridae

asper [*Limnocoris*]. Nieser & López Ruf 2001: 266, 301–302, 318, f. 103, 105–108, 157, 158. Brasil: Minas Gerais, bacia do Rio Doce: Rib. Indaía, VIII.1993, **holot.** ♀ brachypter., **allot.** ♂ in **IBH**; **parat. four** ♂, **ten** ♀ in several repositories, MACN not mentioned.

Two parat. metallized for scanning electron microscopy, glued on their backs to cards. **One of them:** "Brasil: MG / Bacia do / Rio Doce / L. Rocha", and "± 1100 m Ri-/bão Indriá VIII.1993" xerocop. on blue paper. **The other one:** "♀" print.; "Brasil: M.G. / Sa. do Cipó / VIII.1993 /

leg.: L. Rocha catchment / basin R. Doce / Rbão Indria / 1100 m asl." print.; "Limnocoris / asper Nie- / ser & L. Ruf / paratype ♀" xerocop. on blue paper.

espinolai [*Limnocoris*]. Nieser & López Ruf 2001: 266, 305–308, 318, f. 117–121, 123, 124, 167, 168. Brasil: Minas Gerais: Serra do Caraça: Santa Bárbara 12.X.1972, **holot.** ♀ brachypt., **allot.** ♂ in **IBH**, **three parat.** in other repositories, MACN not mentioned.

One parat. ♀ metallized for scanning electron microscopy, glued on its back to a card, legs on another card, "Serra do Caraça / Santa Bárbara / Minas Gerais / Brasil" print.; "H.N. Espínola col. / Data [print.] 21/10/72 [handwr.]" ; "Limnocoris / espinolai / Nsr. & LR / paratype ♀" xerocop. on blue paper.

kolla [*Ambrysus (Ambrysus)*]. López Ruf 2004: 98–101, f. 1–4. Tucumán Prov.: La Hoyada, **holot.** ♀, **two parat.** in **IML**. Jujuy Prov.: Arroyo Los Berros, **parat. three** ♂, **four** ♀. Other **parat.** Tucumán Prov.: Las Juntas; La Rioja Prov.: near Chepes.

One parat. pinned, "Tucumán / La Hoyada / 23.II.49 / leg. E. Domínguez " handwr., black frame. **One parat.** pinned, "Jujuy / Ruta 34 / A° Los Berros ", "9-XI-1992 / Leg. López Ruf" print., black frame. **Both:** "Paratipo" handwr. on green paper; "Museo de La Plata / Ambrysus (Ambrysus) / kolla López Ruf / Det.: López Ruf " print. on white paper, black frame.

lanemelo [*Limnocoris*]. Nieser & López Ruf 2001: 303, 309–311, 319, f. 130–133, 141, 175, 176. Brasil: Minas Gerais: Rio do Peixe 27.III.1996, **holot.** ♀ brachypt., **allot.** ♂ in **IBH**, **parat.** in different repositories, MACN not mentioned.

Two parat., one pinned, one metallized for scanning electron microscopy, glued on its back on a card, "♀", "♂" print.; "Brasil: M.G. / S. Roque de / M. 27.III.96 / leg. Nieser / N9636 Rio do / Peixe" xerocop. from typed, on blue paper; "Limnocoris / lanemelo / Nsr. & LR. / paratype ♀ [♂]" print. on blue paper.

porphyros [*Limnocoris*]. Nieser & López Ruf 2001: 314–316, 319, f. 143, 146–150, 191, 192. Brasil: Minas Gerais: bacia do Rio Doce, ribeir. Indaía VIII.1993, **holot.** ♂ brachypt., **allot.** ♀ in **IBH**, **parat. nine** ♂, **five** ♀ in several repositories, MACN not mentioned.

Two parat. metallized for scanning electron microscopy, glued on their backs to cards. **One of**

them “♀”, print., “Brasil: MG / Bacia de / Rio Doce / L. Rocha” ,”± 1100 m ri- / b̃ao Indriá / VIII 1993” xerocop. from typed; “Limnocoris / porphyros / Nsr. & L.- R. / paratype ♀” xerocop. from typed, on blue paper. **The other one** “♂” print.; “Brasil: MG / Sa. do Cipó / VIII.1993 / leg. L. Rocha / catchment / basin R. Doce / Rb̃ao Indria / 1100 m asl” xerocop. from typed; “Limnocoris / porphyros / Nsr. & L.-Ruf / paratype ♂” xerocop. from typed, on blue paper.

surinamensis [*Limnocoris fittkai* subsp.]. Nieser 1975: 70–72, pl. 4b, f. 87–91. Surinam; Saramacca, **holot.** ♂, **allot.** ♀, **parat. five** ♂, **four** ♀ in ZMU, other parat. in AMNH, BM, KU, MO, MS, MACN, MLE, RL, USNM. The spec. were preserved in ethanol, then dried and pinned.

Two parat. ♂, ♀ on cards “SN221 (236) ♀ [♂] / paratype / Limnocoris / fittkai / suri / namensis [Lim / nocoris fitt / kauri surina / mensis]” handw.; “Suriname Saramacca / Troelikeek-system / 4-XI-1969 [18-XI-1969] SN221 [SN236] / ...gt N. Nieser” print. I add “Paratypus” print. on yellowish orange paper, black frame.

Notonectidae

inca [*Notonecta (Paranecta)*]. Mazzucconi 2000b: 32–34, f. 1, 3, 5, 6, 8, 10, 12, 14, 16–18. Perú: Junín: Concepción. 3260 m, Woytkowski leg., **holot.** ♂, **allot.** ♀, **sixty parat.** in SEM; **six parat.** in MACN.

Four parat. (two ♂ with plastic microvials with *genit.*; two ♀) pinned “Peru S.A., April 13–15 [13–15, 7–8, 7–8] 1935, F. Woytkowski / near Concepción; Andes 3260 meters [above sea] Rio Mantaro [near or in Rio Mantaro] “; “Field notes N° 3514 [3514, 358, 358]”. **Two parat.** ♂, ♀, pinned, each with a plastic microvial with *genit.*, the ♀ also with the tibia + tarsus of a hind leg, “Peru Concepción pools by Rio Mantaro, 3260 m. 7–10 April 1935, Woytkowski”. **All six:** “Paratypus” print. on yellow paper, black frame; “Notonecta / (Paranecta) inca / S.A. Mazzucconi” handw. on white paper.

Reduviidae

abbas [*Brontostoma*]. D.J. Carpintero 1980: 11–12, f. 15. Venezuela: Portuguesa: Acarigua, leg. Carcavallo, **holot.** ♂ in CC.

Holot. ♂ pinned, *genit.* glued to a transparent card on another pin, “Holotypus ♂” print. on red paper, remainings of a black frame, “Venezuela

/ Portuguesa / Carcavallo / 1973” handw., red frame; “Colección / Dr. Carpintero / Argentina” print., black frame; “Brontostoma / abbas / nov. sp. [handw.] / Det. Dr. Carpintero [print.]” on white paper, black frame. On the pin with *genit.*: “Brontostoma / abbas [handw.] / Det. Dr. Carpintero [print.]”, black frame.

albidops [*Pseudodaraxa*]. D.J. Carpintero 1980: 19, f. 30. Entre Ríos Prov.: El Palmar National Park, **holot.** ♂ in CC.

Holot. ♂ on a transparent card, “Holotypus ♂” print. on red paper, black frame; “El Palmar / E. Ríos / Dic. 1973” handw., remainings of a black frame; “Colección / Dr. Carpintero / Argentina” print., black frame; “Pseudodaraxa / albidops / nov. sp. [handw.] / Det. Dr. Carpintero [print.]”, on white paper, black frame.

annulipes [*Daraxa (Daraxacera)*]. D.J. Carpintero 1980: 18, f. 18. Córdoba Prov.: La Serranita, **holot.** ♂ in CC. Tucumán Prov., **allot.** ♀ in MACN.

Holot. ♂ on a transparent card, “Holotypus ♂” print. on red paper, remainings of a black frame; “Anisacate / Córdoba / VII-1973 HN / Carpintero” handw.; “Colección / Dr. Carpintero / Argentina” print., black frame; “Daraxa / (Daraxacera) / annulipes / nov. sp. [handw.] / Det. Dr. Carpintero [print.]” on white paper, black frame.

Notes: The allot. was recorded in the main catalog (Bachmann 1999: 211). The locality La Serranita lies in Anisacate, Córdoba Prov.

arlequin [*Brontostoma*]. D.J. Carpintero 1980: 11, f. 14. Venezuela: Portuguesa: Acarigua, **holot.** ♂ in CC.

Holot. ♂ pinned, *genit.* glued to a transparent card, on another pin, “Holotypus ♂” print. on red paper, black frame; “Venezuela / Acarigua / Portuguesa / Carcavallo 76” handw., red frame; “Colección / Dr. Carpintero / Argentina” print., black frame; “Brontostoma / arlequin / nov. sp. [handw.] / Det. Dr. Carpintero [print.]” on white paper, black frame.

australis [*Daraxa*]. D.J. Carpintero 1980: 15, f. 21. Buenos Aires Prov.: Glew, in CC.

One synt. ♀ on a transparent card, “Holotypus ♀” print. on red paper, black frame; “Glew / Prov. Bs. As. / Dic. 1974” handw., black frame; “Daraxa / (Daraxa) / australis / nov. sp. [handw.] / Det. Dr. Carpintero [print.]” on white paper, black frame.

Note: No type was formally designated.

bolivari [*Triatoma*]. Carcavallo, Martínez & Peláez 1987: 476–477, f. 1, 2. México: Colima, highway from Minotitlan to Santiago, San José Stream, **holot.** ♂, **twenty-three parat.** Nayarit: Compostela, **ten parat.** Jalisco: Chamela, **seven parat.** in several repositories, including **MACN**. **One parat.** on a card, “México / Jalisco / Chamela / Est. Biol. UNAM / coll. Martínez / AG.1984” handwr.; “Paratipo” print. on grayish green paper; “*Triatoma* / bolivari ♂ sp. nov. / R.U. Carcavallo y [handwr.] / A. Martínez det. 1984 [print.]” on reddish orange paper, black frame.

boliviana [*Pothea*]. D.J. Carpintero 1980: 4, f. 1. Bolivia: Chapare: Siberia, **holot.** ♀ in **CC**, **one parat.** ♀ in **CM**.

Holot. ♀ on a transparent card, “Holotypus / P.b.1” print. on red paper, black frame; “Bolivia - Chapare/SIBERIAI.72/Fritz col.” handwr., black frame; “Colección / Dr. Carpintero / Argentina” print., black frame; “*Pothea* / (*Pothea*) / boliviana / ♀ [handwr.] / Det. Dr. Carpintero [print.]”, black frame.

Note: One parat. was recorded in the main catalog (Bachmann 1999: 212).

breddini [*Daraxa (Daraxa)*]. D.J. Carpintero 1980: 15, f. 20. Salta Prov.: Pocitos, **holot.** ♂ in **CC**.

Holot. ♂ on a transparent card, “Holotypus ♂” print. on red paper, black frame; “Arg.-Salta / Pocitos 12-71 / Fritz col.” handwr.; “Colección / Dr. Carpintero / Argentina” print., black frame; “*Daraxa* / (*Daraxa*) / breddini / nov. sp. [handwr.] / Det. Dr. Carpintero [print.]” on white paper, black frame.

Note: There is a further spec., labeled “Paratypus ♂”, not mentioned in the original description, see at the third list, below.

castaneum (*sub castaneus*) [*Brontostoma*]. D.J. Carpintero 1980: 10–11, f. 13. Misiones Prov.: Iguazú National Park, **holot.** ♂ in **MACN**. Paraguay, **one parat.** ♂ in **CM**.

Holot. ♂ pinned, *genit.* glued to a transparent card, on another pin, “Holotypus ♂” print. on red paper, remainings of a black frame; “P.N. Iguazú / Misiones / XII.1979” handwr.; “Colección / Dr. Carpintero / Argentina” print., black frame; “*Brontostoma* / castaneus / nov. sp. [handwr.] / Det. Dr. Carpintero [print.]” on white paper, black frame.

Notes: The specific epithet should be spelled *castaneum* (gender neuter). One parat. was recorded in the main catalog (Bachmann 1999: 212, 221); the holot. was then stated as ‘not found’.

dureti [*Rhiginia*]. D.J. Carpintero 1980: 26, f. 37. Ecuador: Esmeraldas: San Lorenzo, **holot.** ♂ in **CC**, **two parat.** ♂ in **CM**, **one parat.** ♂ in **ISM**.

Holot. ♂ on a transparent card, dissected parts on another card, “Holotypus ♂” print. on red paper, black frame; “Ecuador / Esmeralda / Duret col. / X-1948 / San Lorenzo” handwr., red frame; “Colección / Dr. Carpintero / Argentina” print., black frame; “*Rhiginia* sp. [handwr.] / Wygodzinsky det. [print.]”; “*Rhiginia* / dureti / nov. sp. [handwr.] / Det. Dr. Carpintero [print.]” on white paper, black frame.

Note: Two parat. were recorded in the main catalog (Bachmann 1999: 213).

fritzi [*Pothea (Pothea)*]. D.J. Carpintero 1980: 5–6, f. 4. Bolivia: Chapare: Yungas, Fritz. leg., **holot.** ♂ in **CC**, **eight parat.** ♂ in **CM**.

Holot. ♂ on a transparent card, “Holotypus / Pf. 1” print. on red paper, black frame; “Bolivia - Chapare / Siberia 1-72 / Fritz col.” handwr., black frame; “Colección / Dr. Carpintero / Argentina” print., black frame; “*Pothea* / (*Pothea*) / fritzi / ♂ [handwr.] / Det. Dr. Carpintero [print.]” on white paper, black frame.

Note: Four parat. were recorded in the main catalog (Bachmann 1999: 213–214).

funerea [*Triatoma*]. D.J. Carpintero & Leguizamón 1994: 111–115, f. 1, 2, 5, 7, 9–13, 15–20, photos 1–6. Misiones Prov.: Dep. San Ignacio, Col. Santa Rosa X.1987, **holot.** ♀, which was reared, laid eggs, the nymphs born were also reared and one ♂ and thirteen nymphs were finally obtained and designated as parat. **Holot.** ♀, **three parat.** in **MACN**, other **parat.** in **CC** and **BM**.

Holot. ♀ pinned, right fore wing extended, “Holotypus [print.] / T. funerea / DJC.MNL [handwr.]” on red paper, black frame; “Argentina [print.] / Misiones / S. Ignacio / C° S. Rosa [handwr.]”, black frame; “*Triatoma* / funerea / nov. sp. / Carpintero y / Leguizamón / mayo 1992” handwr., black frame. **One parat.** ♂ pinned, *genit.* on a cover glass on the same pin, “Paratipo / N° 1 / AD ♂” typed on yellow paper, remainings of a gray frame; “*Triatoma* / funerea / nov. sp. / Carpintero y Leguizamón / mayo 1992” handwr. on white paper, black frame. A **nymphal exuvia**, pinned, **three nymphs** of different instars and **an egg** glued on transparent cards, on separate pins. **The egg:** “Huevo / T. funerea” typed. **The nymphs** “Paratipo / N° 2 / N V° [N° 4 / N IV°, N° 9 / N II°, N°11 / N I°]” typed on yellow-

ish paper, gray frame. **All:** "Argentina / Misiones / S. Ignacio / C° S. Rosa X-89 [handwr.]", black frame; "Triatoma / funerea / nov. sp. / Carpintero y Leguizamón / mayo 1992" handwr. on white paper, black frame.

Note: Synonymized with *Triatoma melanosoma* Martínez, Olmedo & Carcavallo 1987 by Lent, Jurberg & Galvão (1995), and by Carcavallo, Galvão & Lent (1998).

gallardoi [*Triatoma*]. D.J. Carpintero 1986: 114–119, f. 1-6, photos 1–5, map 1. Entre Ríos Prov.: San José de Feliciano, **holot.** ♂ in **CC**.

Holot. ♂ on a transparent card, *genit.* on a cover glass on another pin, "Holotypus" print. on red paper; "República Argentina / Provincia Entre Ríos / San José de Feliciano / Dic. 1972 Carpintero col." handwr., black frame; "Colección / Dr. Carpintero / Argentina" print., black frame; "Triatoma / gallardoi [handwr., label somewhat damaged] / nov. sp. [handwr.] / Det. Dr. Carpintero [print.]" on white paper, black frame.

guttata [*Rhiginia*]. D.J. Carpintero 1980: 26–27, f. 38. Jujuy Prov.: Yuto, **holot.** ♀ in **CC**. Bolivia: Beni, **allot.** ♂ *ex coll.* Berg, at **MACN**. Bolivia **two parat.** ♂. Argentina **one parat.** ♂, all in **CM**.

Holot. ♀ pinned, "Holotypus ♀" print. on red paper, remainings of a black frame; "Colección / Dr. Carpintero / Argentina" print., black frame; "Rhiginia guttata / nov. sp. [handwr.] / Det. Dr. Carpintero [print.]" on white paper, black frame.

Notes: The allot. ♂ and two parat. ♂ were recorded in the main catalog (Bachmann 1999: 214). A synonym of *Rhiginia corrugata* Maldonado Capriles 1972, *vide* D.J. Carpintero, personal communication VII.1994.

lilloi [*Brontostoma*]. D.J. Carpintero 1980: 10, f. 12. Tucumán Prov.: Horco Molle, **holot.** ♂ in **CC**. Bolivia, one **parat.** ♂ in **CM**.

Holot. ♂ pinned, a leg on a card, *genit.* on a transparent card, on another pin, "Brontostoma / lilloi [handwr.] / Det. Dr. Carpintero [print.]" " , black frame; "Holotypus ♂" print. on red paper, black frame; "Tucuman / Horco Molle / mayo 1972" handwr.; "Colección / Dr. Carpintero / Argentina" print., black frame; "Brontostoma / lilloi / nov. sp. [handwr.] / Det. Dr. Carpintero [print.]" on white paper, black frame; "Brontostoma / sp. [handwr.] / Wygodzinsky det. [print.]", remainings of a black frame.

Note: A parat. was recorded in the main catalog (Bachmann 1999: 215).

littoralis [*Pseudodaraxa*]. D.J. Carpintero 1980: 20, f. 31. Entre Ríos Prov.: Concordia, **holot.** ♂, **two parat.** ♂ in **CC**; **eight parat.** ♂ in **MACN**.

Holot. ♂ on a transparent card, "Holotypus ♂" print. on red paper, remainings of a black frame; "De trampa / luz / Col. S. Rosa / 8-4-1974 / N°36 [handwr., obverse] / Estación / Experimental / de Concordia / Entre Ríos / Argentina [print., reverse]", black frame; "Colección / Dr. Carpintero / Argentina" print., black frame; "Pseudodaraxa / littoralis / nov. sp. [handwr.] / Det. Dr. Carpintero [print.]" on white paper, black frame.

Note: Eight parat. were recorded in the main catalog (Bachmann 1999: 215).

melanosoma [*Triatoma infestans ssp.*]. Martínez, Olmedo & Carcavallo 1987: Misiones, dep. San Ignacio: Colonia Santa Rosa, *leg.* Olmedo. **Holot.** ♂, **allot.** ♀, **parat.** 15 ♂, 15 ♀, **15 nymphs of each stage**, in **CM**.

Four parat. (two pinned, two on pointed cards) "Argentina / Misiones / Oberá / Col. Sta. Rosa [Sta. Rosa] – Olmedo / Febr.1982" handwr. by Martínez; "Paratipo" print. on yellowish orange paper; "Triatoma / infestans / melanosoma / Carcavallo y [handwr.] / A. Martínez det. 1987 [print.]" on yellowish orange paper. **One parat.?** pinned, "PARATIPO" handwr. on bright red paper; "Argentina / Misiones / Posadas / H. Martínez leg / Abr. 1987" handwr. on green paper; "Triatoma infestans / melanosomica (*sic*) / Hemiptera / Reduviidae" handwr. on white paper.

Notes: The spec. from Posadas is dubiously a paratype, as it was not originally mentioned. There is another ♂ specimen, not labeled as a type, with a glass vial, from Posadas, H. Martínez leg.

misionensis [*Bactrodes*]. Coscarón & Melo 2003: 5, 11–13, f. 3M–V, 4L. Brasil: Goiás: Goiana, **holot.** ♂ in **CAS**. Misiones Prov.: Concepción: Santa María, 48059, **three parat.** ♂ in **MACN**. Other parat. in **AMNH** and **CAS**.

Five parat., two of them on pointed cards (one with a plastic microvial), **three of them** on cards on one pin, "Misiones - Argentina / Dep. Concep. Sta María / M.J. Viana" print., black frame, one of them also "XII.46" handwr.; **two of them** "48059" handwr., red frame. **All:** "Bactrodes / misionensis / Coscarón det." handwr. on white paper, black frame; "Paratipo" print. on red paper.

Note: The entry 48059 in the registration book of the Entomology Division refers to three reduviids from Misiones Prov.: Santa María, M.J.Viana leg. XII.1946.

orientalis [*Cricetopareis tucumana ssp.*]. D.J. Carpintero 1980: 29–30, f. 41, 42. Buenos Aires Prov.: Otamendi, **holot.** in **CC**; Buenos Aires Prov.: Las Flores, Daguerre leg., **allot.** ♀ in **MACN**; **parat.** six ♂, **one** ♀. in **CC**, **two** ♂ in **ISM**.

Holot. ♂ pinned, *genit.* in balsam on a transparent card, on another pin, “Holotypus ♂” print. on red paper, black frame; “Otamendi [handwr.] / Pcia. Bs. As. [print.] / XII-1964 [handwr.]”, black frame; “Colección / Dr. Carpintero / Argentina” print., black frame; “Cricetopareis / tucumana / orientalis / n. s. [handwr.] / Det. Dr. Carpintero [print.]” on white paper, black frame. On the pin with *genit.*: “Cricetopareis / tucumana / orientalis / Tipo [handwr.] / Det. Dr. Carpintero [print.]” on white paper, black frame. **Eight parat.** pinned: **one of them**, ♀ Misiones Prov.; **three of them**, ♂ Entre Ríos Prov.: El Palmar; **one of them** ♂ E. Ríos Prov.: Villa Elisa; **two of them** ♂ E. Ríos Prov.: Primero de Mayo; **one of them** ♂ E. Ríos Prov.: Pronunciamento.

Notes: The allot. ♀ was recorded in the main catalog (Bachmann 1999: 216). Misiones was not mentioned.

paraguaya [*Cricetopareis*]. D.J. Carpintero 1980: 28–29, f. 40. Paraguay: Olimpo, **holot.** ♂ in **CC**. Paraguay: Cororó, leg. Viana, **allot.** ♀ in **MACN**. Paraguay, **one parat.** in **CC**, **one** ♀ in **MACN**, **two** ♀ in **CM**, **three** ♀ in **ISM**. Misiones Prov., **four** ♀ in **CM**; **one** ♂ in **ISM**.

One parat. pinned, “Paratypus ♂” print. on yellow paper, black frame; “Paraguay / Caá Guazú / Schade col. / IX-48” handwr., red frame; “Cricetopareis / paraguaya / N. S. [handwr.] / Det. Dr. Carpintero [print.]” on white paper.

Note: The allot. ♀ and five parat. were recorded in the main catalog (Bachmann 1999: 216).

paraguaya [*Pothea (Pothea)*]. D.J. Carpintero 1980: 7, f. 6. Paraguay: Itaguá (*sic, pro* Itapúa), leg. Carcavallo, **holot.** ♂ in **CC**.

Holot. ♂ on a transparent card, *genit.* on another transparent card, on another pin, “Holotypus ♂” print. on red paper, remainings of a black frame; “Itapúa - Vera / Paraguay / XII-54 RUC” handwr., glued to a card with a red frame; “Colección / Dr. Carpintero / Argentina” print., black frame; “Pothea / (Pothea) / paraguaya / nov. sp. [handwr.] / Det. Dr. Carpintero [print.]” on white paper, black frame.

zelichi [*Daraxa (Daraxa)*]. D.J. Carpintero 1980: 14, f. 19. Entre Ríos Prov.: Villa Elisa, **holot** ♀ in **CC**.

Holot. on a transparent card, “Holotypus ♀” print. on red paper, remainings of a black frame; “Entre Ríos / Villa Elisa / Abril 1975 / cueva de / Edentado” handwr.; “Colección / Dr. Carpintero / Argentina” print., black frame; “Daraxa / (Daraxa) / zelichi / n. sp. [handwr.] / Det. Dr. Carpintero [print.]” on white paper, black frame.

Rhyparochromidae

argentinensis [*Erlacda*]. Dellapé & Melo 2004: 201–205, f. 1–11, tab 1. Corrientes Prov.: Ituzaingó, reserva Santa María, and several other localities in the province, **holot.** ♂ in **MLP**. The following in **MACN**: Salta Prov.: Carapari Stream; Tucumán Prov.; Chaco Prov.; Catamarca Prov.: Concepción de Capayán; La Rioja Prov.: Ilias (*sic, pro* Iliar); Buenos Aires Prov.: Caseros, and Martín García Is., leg. Viana.

Nine parat. on pointed cards: **One of them**: “Caseros / XII.1946” handwr. **One of them**: “Isla M. García / 14-19-III-1932 / M.J.Viana col.” print. **One of them**: “Chaco” print. **Two of them**: “La Rioja - Ilias (*sic, pro* Iliar) / Mateo Gómez / col.” print. **One of them**: “Tucuman / 17-11-1951 / N. Kormilev col.” print. **One of them**: “Salta - rio Canapari (*sic, pro* Carapari) / 29-III-1948 / N. Kormilev col.”, print. **Two of them**: “Catamarca- / Concepción de / Capayan / II-1958” print. **All nine**: “Erlacda / argentinensis / Dellapé & Melo 2004” handwr. on white paper; “Paratipo” print. on red paper.

atricolor [*Ischnodemus*]. Berg 1892: 158–159. Few spec., San Luis Prov.; Uruguay: Rocha Dept., on *Panicum prionitis*.

Two synt. on cards, remounted, they show a pinhole, “Typus” print. with red ink on tiny labels, red frame; “Banda / Oriental” print. on green paper; “Ischnodemus / atricolor / Berg 1892” handwr., this label glued to the reverse of a card; “Ischnodemus / atricolor / Berg 1892 - Typus [handwr.] / Det. Dr. Carpintero [print.]” on white paper.

Note: Banda Oriental is an old name of Uruguay.

bimaculatus [*Pseudoparomius*]. Dellapé & Coscarón 2005: 6–7, f. 2, 10–14. Brasil: Pará: Belém, leg. Galiano, **holot.** in **MACN**. **Parat.**: Misiones Prov.: 17 de Octubre; Yacuí leg. A. Giai; Puerto Bemberg leg. Hayward; Puerto Aguirre leg. Hayward, in **MACN**. Bolivia: Caraveni, in **MLP**.

Holot. ♂ on a pointed card, a plastic microvial with dissected parts, “Brasil / Pará. Belém /

VII.970 / M. Galiano" handwr.; "Holotipo" print. on red paper; "Pseudoparomius / bimaculatus / Dellapé & Coscarón" print. on white paper, remainings of a black frame. **Seven parat.** on pointed cards, **all seven:** "Paratypus" print. on red paper; "Pseudoparomius / bimaculatus / Dellapé & Coscarón" print., remainings of a black frame. **One of them:** "Misiones - Pto / Bemberg / 17-30-III-1934 / Hayward" print. **One of them:** "Misiones Pto. / Aguirre / 1-6-III-1934 / Hayward" print. **Three of them:** "Misiones - Yacui / III-1950 / Giai" print. **Two of them:** "Misiones - Puerto / 17 de Octubre / 29-31-X-1954 / De Carlo - Viana" print.

riojanus [*Bergicoris*]. Dellapé 2008: 102, 105, f. 3, 13–17. La Rioja Prov.: Ilias (*sic, pro* Iliar), M. Gómez leg. **holot.** ♂, **parat. two** ♂, **one** ♀. in **MACN**; **one** ♀ in **DL**.

Holot. on a pointed card, a plastic microvial with dissected parts, "La Rioja - Ilias (*sic, pro* Iliar) / Mateo Gómez / col." print., black frame; "Holotipo" handwr. on red paper; "Bergicoris / riojanus / n. sp. / P. Dellapé det." handwr. **Three parat.** on pointed cards, (one of them with a plastic microvial), "La Rioja - Ilias (*sic, pro* Iliar) / Mateo Gómez / col." print., black frame; "Paratipo" print. on red paper, two of them also "Bergicoris / riojanus / n. sp. / P. Dellapé det."

Note: *Bergicoris* is a *nomen nudum*, as the description lacks an explicit designation of type species; the specific epithet *riojanus* is available.

slateri [*Pseudoparomius*]. Dellapé & Coscarón 2005; 9–11, f. 4, 24–28. Corrientes Prov.: Solari, **holot.**, **parat.** Corrientes Prov.: Ituzaingó; San Roque, Bosq leg.; Uruguay: Punta del Este, **parat.**, all in **MLP**. Buenos Aires, leg. Bruch; B. Aires Prov.: Punta Indio; Santa Fe Prov.: Rosario; Villa Ana leg. Hayward; Uruguay: Atlántida; Cerro Chato, **parat.** all in **MACN**. B. Aires Prov.: Glew, **parat.** in **DL**.

Twelve parat. on pointed cards, **eight parat.** on rectangular cards, on 14 pins, **all:** "Paratypus" print. on red paper; "Pseudoparomius / slateri / Dellapé & Coscarón" print. on white paper. **Two of them:** "Rca. Argentina / Prov. Buenos Aires / III.1896 / C. Bruch" print., date handwr., black frame. **One of them:** "R. Argentina/Buenos Aires / Coll. C. Bruch" print. **One of them** "Argentina / Bs. Aires [print.] / Punta Indio [handwr.]". **Two of them** on one pin "3967-8 / BA: Tornquist / Cerro Vacacúa 26 I 1947 / Leg. Bachmann - Rossi" handwr. **One of them:** "Rosario" handwr. **Two of them** on one pin "Santa Fe / Villa

Ana (FCPSF) / 4/8-IX-1933 / Hayward" print. **One + four of them:** "Uruguay / 20-I-61 / C.S. Carbonell col." print. **Two of them:** "Atlántida" handwr. **Two of them** on one pin "Alto Alegre - Uruguay / 19-XII-1960 / C.S. Carbonell & L. / Zolessi col." print. **One of them:** "Rio Cerro Chato / Uruguay 23-XI-59 / C.S. Carbonell, A. Mesa & P. S. Martín / col." print. **Four of them** on one pin, "Rio Uruguay / Atlántida / I-1930 / A. Stevenin col." print.

Saldidae

penai [*Pseudosaldula*]. Schuh & Polhemus 2009: 47–50, pl. 3, f. 1, 2, map 8. Salta Prov.: Santa Rosa de Tastil 3215 m alt., **holot.** ♂ in **AMNH**. Jujuy Prov.: El Quemado and other localities; Salta Prov. Chile. Bolivia, many **parat.** ♂, ♀, in **AMNH**, **MACN** and other repositories.

Two parat. ♂, ♀ on pointed cards, "Argentina. Jujuy Prov. / El Quemado, below summit / Abra Potrerillo on Rt. 52 / 23° 41.63 S 65° 38.96 W / 4170 m. Feb. 16, 1993 / R. T. Schuh, J.T. Polhemus / E. Domínguez" print.; "AMNH_ENT / AMNH_ENT 00023142" ["00023157"] print.

Two parat. on pointed cards, "Argentina: Salta Prov.: /just NW of Santa Rosa de /Tastil on Rt.51 / 24° 26.49 S, 65° 58.01 W, /3215 m., Feb. 18, 1993 / R.T. Schuh, J.T. Polhemus" print. "AMNH_ENT / AMNH_ENT 00023024 [00023003]" print. **All:** "Paratype / ♂ [♀] Pseudosaldula / penai Schuh & / Polhemus 2009" print. on sky blue paper.

pilosa [*Pseudosaldula*]. Schuh & Polhemus 2009: 52–55, pl. 4, 7G, H, 8C–E, f. 1, 3, 14, map 10. Tucumán Prov.: Infiernillo, **holot.** ♂ in **AMNH**. Neuquen Prov.: San Martín de los Andes; Chubut Prov.: 17 km of Esquel; Puelo Lake; Tucumán Prov.: near Tafi del Valle. Chile: Bio-Bio Prov., **parat.** in **AMNH**, **MACN** and other repositories.

Two parat. on pointed cards, "Argentina Tucuman / 15 km NW Tafi del Valle / 2800 m., Jan. 2-3, 1982 / R.T. Schuh and B.M. Massie / large permanent seep, / densely vegetated" print.; "AMNH_ENT / AMNH_ENT 00022907" ["00022908"] print. **One parat.** on a pointed card, "Argentina Tucumán, 28 km SE of Amaicha / del Valle / 2800 m. Jan. 2, 1982" print.; "R.T. Schuh & B.M. Massie / seep densely covered / with very short veget." print.; "AMNH_ENT / AMNH_ENT 00023500" print. **Two parat.** on pointed cards, "CHILE. Bio-Bio Prov. / 4 km E of El Abanico, / 950 m. Nov 21,1981 / R.T Schuh & N.I. Platnick" print.; "AMNH_ENT / AMNH_

ENT / 00022916 [00022917]" print. **All five:** "PARATYPE / ♂ [♀] *Pseudosaldula/pilosa* Schuh & / Polhemus 2009" print. on sky blue paper.

vulgaris [*Pseudosaldula*]. Schuh & Polhemus 2009: 61–66, f. 1, 18, 19, map 13. Perú: Ancash, **holot.** ♂ in **AMNH**. Perú: Amazonas, Ancash, Cusco, Huánuco, La Libertad, Cajamarca, **parat. in AMNH, MACN** and other repositories.

Three parat. on pointed cards, "PERU, La Libertad 12 [14, 14] km / SW of Huamachuco, Rio Bado / 3040 [3050, 3050] meters, Jan. 21, 1976 / R.T. & J.C. Schuh, sandy river / margin, 10-70% veg. cover N° 38 [39, 39]" print.; "AMNH_ENT / AMNH_ENT 00019919" ["00019717", "00019983"] print. **One parat.** on a pointed card, "Perú: Cajamarca, 12 km W / of Llacanora, near / Cajamarca, 2350 meters, / Jan. 19, 1976 R.T. & J.C. Schuh / sandy river margin, (N° 22)" print., "AMNH_ENT / AMNH_ENT 00019794" print. **One parat.** on a pointed card, "Peru. Cajamarca: 11 km S / of Cajabamba, Jan. 20, 1976 / 2850 m., R.T. & J.C. Schuh / steep sided roadside ditch / with moss and algal cover, / (N° 31)" print.; "AMNH_ENT / AMNH_ENT 00020244" print. **All five:** "Paratype / ♂ [♀] *Pseudosaldula/vulgaris* Schuh & / Polhemus 2009" print. on sky blue paper.

Veliidae

anta [*Paravelia*]. Mazzucconi 2000a: 130–134, f. 3–19. Salta Prov.: Anta Dept., 50 km East of Las Lajitas, 23-31.I.1980, leg. Golbach, **holot.** ♂ macropterous, **allot.** ♀. Paraguay: Dep. Concepción; Puerto Vallemi, VI.1952 leg. Bachmann, **one parat.** ♀, **all in MACN**.

Holot. ♂ on a card, a plastic microvial with dissected parts, **allot.** ♀, **one parat.** ♀ on cards, "Argentina / Prov. Salta / Dto. Anta, 50 Km E Las Lajitas / 23-31/1/1980 R. Golbach" handwr.; "Paravelia / anta / Mazzucconi" handwr. **One parat.** ♂ on a card, with a plastic microvial with dissected parts, body and genital capsule metalized for electron microscopy, dry mounted, "7064 / Paraguay / Dep. Concepción / Pto. Vallemi / VI.1952 / A.O. Bachmann" handwr., red frame.

SPECIMENS LABELED AS TYPES
BUT NOT PUBLISHED

Reduviidae

sierrai [*Sosius*]. Maldonado Capriles & D.J. Carpintero

One spec. on a pointed card, with only one leg, "Holotypus ♀" print. on red paper; "El Talar / Jujuy / abril 79" handwr.; "Colección / Dr. Carpintero / Argentina" print., black frame; "Sosius / sierrai / nov. sp. / Tipo [handwr.] / Det. Dr. Carpintero [print.]" on white paper, black frame.

Note: J. Maldonado Capriles and D.J. Carpintero (1993: 223) re-examined the spec., which is in a poor condition, setting doubt even about its inclusion in *Sosius*, and decided not to publish the supposed new species.

Thyreocoridae

vaginatus [*Thyreocoris*]. Berg

One spec. on a card, "Typus" print. with red ink, red frame; "5453" handwr., red frame; "Rep. Argentina / Gob. Formosa / 4.I.1908 / S. Venturi" print., date handwr., black frame; "Thyreocoris / vaginatus / Berg" handwr. on white paper, black frame. **One spec.** originally pinned, pin broken, later glued to a pointed card, "Typus" print. with red ink, red framed; "5248" handwr., red frame; "Rep. Argentina / Gob. Chaco / 20.XI.1897 / S. Venturi" print., date handwr., black frame; a rectangular green label without writing, black frame, reverse white; "Col. / Antigua" print. on grayish white paper, black frame; "[a picture of the Argentine flag] / tipo / saginatus [vaginatus] / Berg" handwr. on white paper, green frame; folded; "Galgupha / (Psestophleps) / carbonatum [handwr.] / Det. / Kormilev 53 [print.]", black frame.

Notes: A "Typus", from Formosa Prov., was recorded in the main catalog (Bachmann 1999: 222). Currently in *Galgupha*.

SPECIMENS LABELED AS TYPES
BUT NOT MENTIONED IN THE ORIGINAL
DESCRIPTION

Reduviidae

breddini [*Daraxa (Daraxa)*]. D.J. Carpintero 1980: 15, f. 20. Salta Prov.: Pocitos, **holot.** ♂ in **CC**.

One spec. pinned, "Argentina / Salta / Tartagal / Coll. Duret / II.44 / Tablillas" print. and handwr. **One spec.** pinned, "El Naranjo / Salta / R. Arg. / I.44" photographed from typed. **Both:** "Paratypus ♂" print. on yellow paper; "Daraxa / (Daraxa) / breddini / n. s. [handwr.] / Det. Dr. Carpintero [print.]" on white paper, black frame.

Note: Only the holot., from Pocitos (Salta Prov.), was mentioned, see at the main list, above.

CORRIGENDUM

Reduviidae

andina [*Pothea*]. D.J. Carpintero & J. Maldonado Capriles 1990: 452–453, f. 3, 6, 9, 12.

Note: This entry was erroneously referred to D.J. Carpintero 1990 in the main catalog (Bachmann 1999: 211).

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