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Types of Scolytidae and Platypodidae (Coleoptera: Curculionoidea) housed at the Museo de La Plata entomological collection

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ABSTRACT. This contribution refers to the type material of Scolytidae and Platypodidae (Coleoptera: Curculionoidea) housed at the Museo de La Plata collection. The specimens examined were mostly syntypes of Scolytidae, corresponding to species described by the German specialist Karl Schedl, from 1938 to 1958. They come from Argentina and were collected by the entomologists M. J. Viana, J. M. Bosq, and C. Bruch. We have examined more than 2000 specimens regarded as types, however, after the comparison of the information of their labels with that of the original species descriptions, only 308 of them were recognized as “true types”. They correspond to 46 nominal species (43 of Scolytidae and three of Platypodidae), currently assigned to 23 genera. For each species we provide the following information: original and valid names, bibliographic references, category of types, code-numbers according to the rules of the Museo de La Plata collection, sex of the specimens when it is indicated, data on the labels (exact transcriptions), and remarks.

Key words: Catalogue. Type material. Scolytidae. Platypodidae. Museo de La Plata.

RESUMEN. Esta contribución se refiere al material tipo de Scolytidae y Platypodidae (Coleoptera: Curculionoidea) depositado en la colección del Museo de La Plata. Los ejemplares examinados son en su mayoría sintipos de Scolytidae, correspondientes a especies descritas por el especialista alemán Karl Schedl entre 1938 y 1958. El material procede de la Argentina y fue coleccionado por los entomólogos M. J. Viana, J. M. Bosq y C. Bruch. Se examinaron más de 2000 ejemplares que supuestamente revestían la condición de tipos, sin embargo, después de comparar la información de sus etiquetas con la de las descripciones originales, resultó que sólo alrededor de 308 eran verdaderos tipos. Ellos corresponden a 46 especies nominales (43 de Scolytidae y tres de Platypodidae), asignadas actualmente a 23 géneros. Para cada especie se provee la siguiente información: nombres original y válido, referencias bibliográficas, categoría de los tipos, número de código de los ejemplares de acuerdo con las reglas del Museo de La Plata, sexo de los

ejemplares, cuando está indicado; datos mencionados en las etiquetas (transcripción exacta) y observaciones.

Palabras clave: Catálogo. Tipos entomológicos. Scolytidae. Platypodidae. Museo de La Plata.

Introduction

The present contribution deals with the type material of Scolytidae and Platypodidae (Coleoptera: Curculionoidea) deposited at the entomological collection of the Museo de La Plata (MLP). These taxa recognized as «bark and ambrosia beetles» and “pinhole borers” were not included in previous papers on weevil types deposited at the MLP collection (Morrone & Loiácono, 1994; Lanteri *et al.*, 2003). Their phylogenetic placement is under discussion and for this reason they have been alternatively assigned to different categories (families, subfamilies or tribes) of the classificatory schemes (Wood & Bright, 1987, 1992; Kuschel, 1995; Kuschel *et al.*, 2000; Marvaldi *et al.*, 2002).

Most specimens studied are labeled as syntypes and correspond to species of Scolytidae described by the German specialist Karl Schedl, from 1938 to 1958. When Wood (in press) designates lectotypes from the type series housed at the Schedl collection, the syntypes at the Museo de La Plata will become paralectotypes. There are also types of two species of Scolytidae described by the specialist J. M. Hagedorn, and three of Platypodidae described by Schedl.

Of the approximately 2000 specimens regarded as types only 308 are “true types”, since the information on their labels is not coincident with that of the original publication of the species. The specimens studied come from Argentina and were collected by the entomologists M. J. Viana, J. M. Bosq, and C. Bruch.

The types herein listed correspond to 43 species of Scolytidae currently assigned to 20 genera (*Acorthylus* Bréthes, *Araptus* Eichhoff, *Chramesus* LeConte, *Cnemonyx* Eichhoff, *Cnesinus* LeConte, *Cryptocarenum* Eggers, *Dendrocranulus* Schedl, *Dendrosinus* Chapuis, *Hylocurus* Eichhoff, *Hypothenemus* Westwood, *Microcorthylus* Ferrari, *Monarthrum* Kirsch, *Phacrylus* Schedl, *Phloeotribus* Latreille, *Pseudochramesus* Blackman, *Pseudothysanoes* Blackman, *Scolytodes* Ferrari, *Scolytopsis* Blandford, *Spermophthorus* Costa Lima, and *Xylechinus* Chapuis), and three species of Platypodidae, distributed in three genera (*Euplatypus* Wood, *Mesoplatypus* Strohmeier, and *Teloplatypus* Wood).

The bibliographic search necessary for this study was particularly difficult since there are not updated catalogs or checklists of all species of Scolytidae and Platypodidae. For orientation we have used the checklist of Blackwelder (1947), the contributions by Viana (1965), Wood (1986, 1993), and Wood & Bright (1987, 1992).

Materials And Methods

Species are ordered alphabetically within each weevil family. For every species the following information is provided: original and valid names (the second is between brackets), bibliographic references, category of the types, code-numbers according to the rules of the MLP collection, sex of the specimens when it is indicated, data on the labels (exact transcriptions), and some remarks.

All of the specimens examined are mounted on cards, and there are usually various cards attached to the same pin, with more than one specimen each. The majority of the identification labels of the species described by K. Schedl are handwritten by the author. These labels are usually attached to the first specimen (or pin with various specimens) of the type series.

There is an exact transcription of the labels, using brackets to separate data of different labels, and slashes to indicate different lines within the same label. Code-numbers of the type MLP collection have three to four digits, followed by a slash and the number of the specimen.

In some instances the date of the original description and that on the labels differ only in the month of collecting. If additional evidences indicate that these specimens are «true types» (e.g. handwritten labels by the author) they were considered as such. On the contrary, if the date of collection differs by one or two years, the specimens were considered “dubious types”. They were also considered “dubious types”, when those collecting labels were more detailed than in the original publication, or when the sexes or number of specimens were not consistent with that of the bibliographic references. All of these cases were analyzed carefully to decide about the confidence of the types.

Results

Scolytidae

- *acaciae*, *Cryptocarenum* Schedl [= *Cryptocarenum heveae* (Hagedorn)]

1958. Schedl, K. E. *Acta Zool. Lilloana* 16: 45.

Syntype, sex not determined. MLP 1017/1. [BUENOS AIRES ARGENTINA/ Tigre/ IV-1950 M. J. VIANA] [s/ Acacia/ negra] [*Cryptocarenum/ acaciae/ n. sp./ K. E. Schedl*] [SINTIPO].

- *ampliatus*, *Cnesinus* Schedl

1938. Schedl, K. E. *Rev. Soc. Entomol. Argent.* 10: 21.

Syntype, sex not determined. MLP 1050/1. [BUENOS AIRES ARGENTINA/ ISLA MARTÍN GARCIA/ 1-1938 M. J. Viana] [*Cnesinus/ ampliatus/ Schedl* cotype] [SINTIPO].

Remarks: There is another specimen with the same labels as 1050/1, except that it was collected in I-1937, that has been considered a “dubious type”.

- *argentinensis*, *Chramesus* Schedl

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 456.

Syntype, sex not determined. MLP 1042/1. [BUENOS AIRES-ARGENTINA/ ISLA MARTIN GARCIA/ 4-1938 M. J. VIANA] [*Chramesus/ argentinensis/ n. sp./ K. E. Schedl* 1949] [SINTIPO].

- *argentinensis*, *Hypothenemus* Schedl [= *Hypothenemus eruditus* Westwood]

1939 a. Schedl, K. E. *Notas Museo La Plata* 4(28): 408.

Paralectotypes (2), sex not determined. MLP 995/3-4. [Corrientes/ capital/ VII-1936] [en ramas/ de jazmín] [*Hypothenemus/ argentinensis/ n. sp./ K. E. Schedl*]

Paralectotype, sex not determined. MLP 995/5. [Corrientes/ ciudad/ F. M. Bosq] [en ramas/ de jazmín] [*Hypothenemus/ argentinensis/ serie típica Schedl/ C. Bruch* Determ.] [Fototipo/ C. B. i.g.v.m. 39].

Paralectotype, sex not determined. MLP 995/6. [ex Tayuya/ Vicente López, 15-V-39/ C. Bruch] [*Hypothenemus/ argentinensis/ Schedl*] [Tipus].

Remarks: Paralectotypes designated in Schedl (1979). The specimens 995/3-4 attach to the same pin, have an allotype label; since this information is not consistent with that of the original publication, they were not considered as such.

- *argentinensis*, *Phthorophloeus* Schedl [= *Phloeotribus argentinensis* (Schedl)]

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 447.

Syntypes (5), sex not determined. MLP 1038/1-5. [MISIONES-ARGENTINA/ Dep. Concep.-Sta. María/ M. J. VIANA] [*Phthorophloeus/ argentinensis/ n. sp./ K. E. Schedl* 1949] [SINTIPO].

- *argentinae*, *Bostrichips* Schedl [= *Pseudothysanoes argentinae* (Schedl)]

1958. Schedl, K. E. *Acta Zool. Lilloana* 16: 43.

Paralectotype, sex not determined. MLP 1016/3. [CORDOBA-ARGENTINA/ Dep. Punilla-V. Hermoso/ M. J. Viana] [*Bostrichips/ argentinae/ n. sp./ K. E. Schedl*] [SINTIPO].

Remarks: Paralectotype designated in Schedl (1979).

- *argentinae*, *Breviophthorus* Schedl [= *Araptus argentinae* (Schedl)]

1958. Schedl, K. E. *Acta Zool. Lilloana* 16: 44.

Syntype, male. MLP 1015/1. [MISIONES-ARGENTINA/ Dep. Concep.-Santa María/ XI-1948 M. J. VIANA] [♂] [*Breviophthorus/ argentinae/ n. sp./ K. E. Schedl*] [SINTIPO].

Syntype, female. MLP 1015/2. Same data as 1015/1, except [♀].

Syntype, sex not determined. MLP 1015/3. Same data as 1015/1, except date of collecting, XI-1947.

Remarks: The original publication indicates that the type material of *B. argentinae* was collected in X-1946, but the specimens housed at the MLP were collected in 1947 and 1948, consequently they are considered “dubious types”.

- *aspericollis*, *Chramesus* Schedl

1938. Schedl, K. E. *Rev. Soc. Entomol. Argent.* 10: 23.

Syntypes (8), sex not determined. MLP 1043/1-8. [BUENOS AIRES ARGENTINA/ ISLA MARTÍN GARCIA/ 1-1938 M. J. Viana] [*Chramesus/ aspericollis/ n. sp./ K. E. Schedl*] [SINTIPO].

- *barbatus*, *Dendrocranulus* Schedl

1939 b. Schedl, K. E. *Notas Museo La Plata* 4(19): 172.

Paralectotypes (11), sex not determined. MLP 1012/3-13. [Vte. López. 12.III.39/ en tallos de “tayuya”] [*Dendrocranulus/ barbatus/ Schedl/ C. BRUCH DETERM.*] [Serie/ típica].

Paralectotypes (2), sex not determined. MLP 1012/14-15. [en tallos de “tayuya”/ *Cayaponia ficifolia* Cogn./ Vte. López. 10.III.39 C. B.] [FOTO/ 12.III.1939] [*Dendrocranulus/ barbatus/ Schedl/ C. BRUCH DETERM.*] [FOTOTIPO].

Remarks: Paralectotypes designated in Schedl (1979).

- *bosqi*, *Phacrylus* Schedl [= *Acorthylus bosqi* (Schedl)]

1938. Schedl, K. E. *Rev. Soc. Entomol. Argent.* 10: 24.

Paralectotypes (3), sex not determined. MLP 1005/3-5. [Prov. de/ Jujuy/ IX-1928] [J. M. Bosq] [*Phacrylus/ cryphaloides/ n. sp./ K. E. Schedl*] [*Phacrylus/ bosqi/ Schedl*] [Type].

Paralectotypes (38), sex not determined. MLP 1005/6-43. [Prov. de/ Jujuy/ IX-1928] [J. M. Bosq] [cotype].

Remarks: Paralectotypes designated in Schedl (1979). The name *Phacrylus cryphaloides*, on a label attached to types 1005/3-5, is probably a *nomen nudum*.

- *brevisetosus*, *Cnemonyx* Schedl

1939 a. Schedl, K. E. *Notas Museo La Plata* 4(28): 407.

Syntype, sex not determined. MLP 1056/1 [BUENOS AIRES ARGENTINA/ ISLA MARTÍN GARCIA/ 1938 M. J. Viana] [*Cnemonyx/ brevisetosus/ Schedl/ serie típica/ C. BRUCH DETERM*] [FOTOTIPO].

Syntype, sex not determined. MLP 1056/2 [BUENOS AIRES ARGENTINA/ ISLA MARTÍN GARCIA/ 1938 M. J. Viana] [*Cnemonyx/ brevisetosus/ n. sp./ K. E. Schedl*] [SINTIPO].

- *bruchi*, *Hexacolus* Hagedorn [= *Scolytodes bruchi* (Hagedorn)]

1909. Hagedorn, J. M. *Deutsch. Ent. Zeitschr.*: 743.

Syntypes (4), sex not determined. MLP 1049/1-4. [Rca ARGENTINA/ Prov. Buenos Aires/ C. Bruch] [*Hexacolus/ bruchi* Hagd.] [Typus].

Syntypes (2), sex not determined. MLP 1049/5-6. [Rca ARGENTINA/ Prov. Buenos Aires/ 27-XI-1904/ C. Bruch] [*Hexacolus/ bruchi* Hagd.] [Typus].

Remarks: In the original publication it says that types come from Argentina (without any other indication of locality), Coll. Bruch, deposited at the MLP collection. We have found six types with data of collecting more detailed than in the original publication.

- *bruchi*, *Scolytus* Schedl [= *Scolytopsis toba* (Wichmann)]

1939 b. Schedl, K. E. *Notas Museo La Plata* 4(19): 170.

Syntypes (2), sex not determined. MLP 1061/1-2. [Rca. ARGENTINA/ Gob. Misiones/ C. BRUCH] [*Scolytus/ bruchi*/ n. sp./ K. E. Schedl] [Typus].

Remarks: In the original publication it says that the types were collected on the «Orillas del Iguazú», VIII-1904, but this information was not found on the labels. Additional evidence would indicate that the specimens herein mentioned are “true types”.

- *cylindricus*, *Chramesus* Schedl

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 455.

Paratypes (2), sex not determined. MLP 1044/3-4. [MISIONES-ARGENTINA/ Dep. Concep. Sta. María/ M. J. Viana] [*Chramesus cylindricus*/ type n. sp./ K. E. Schedl 1949] [SINTIPO].

Remarks: The original publication indicates that the type material deposited in Viana collection is a single female, but in the MLP we have found two specimens. One of them is a true paratype and the other is a “dubious paratype”.

- *cylindricus*, *Hypothenemus* Schedl [= *Hypothenemus eruditus* Westwood]

1939 a. Schedl, K. E. *Notas Museo La Plata* 4(28): 409.

Paralectotypes (34), sex not determined. MLP 996/3-36. [BUENOS AIRES-ARGENTINA/ ISLA MARTIN GARCIA/ 1938 M. J. VIANA] [*Hypothenemus/ cylindricus*/ n. sp./ K. E. Schedl] [SINTIPO].

Paralectotype, sex not determined. MLP 996/37. [Isla M. García/ 1938/ M. J. Viana] [*Hypothenemus/ cylindricus*/ serie típica Schedl/ C. Bruch DETERM.] [Fototipo].

Remarks: Paralectotypes designated in Schedl (1979).

- *cylindricus*, *Phloeotribus* Schedl

1951. Schedl, K. E. *Dusenía* 2(2): 82.

Syntypes (2), females. MLP 1040/1-2. [MISIONES-ARGENTINA/ Dep. Concep.-Sta. María/ M. J. VIANA] [♀] [PARATYPE/ *Phloeotribus / cylindricus / Schedl*].

Syntypes (4), males. MLP 1040/3-6. Labels idem 1040/1-2.

Syntypes (2), sex not determined. MLP 1040/7-8. Same data as 1040/1-6.

Remarks: Specimens 1040/1-6 have paratype labels, but according to the information of the original publication they are syntypes, that subsequently became paralectotypes.

- *dividuus*, *Cnesinus* Schedl

1938. Schedl, K. E. *Rev. Soc. Entomol. Argent.* 10: 22.

Paralectotypes (3), sex not determined. MLP 1051/3-5. [BUENOS AIRES ARGENTINA/ Tigre/ 1937 M. J. Viana] [*Cnesinus/ dividuus*/ n. sp./ K. E. Schedl] [SINTIPO].

Remarks: Paralectotypes designated in Wood (1985).

- *eumerum*, *Pterocyclon* Schedl [= *Monarthrum quadridens* (Eichhoff)]

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 459.

Syntype, male. MLP 1026/1. [MISIONES-ARGENTINA/ Dep. Concep.-Sta María-/ M. J.

Viana] [*Pterocyclon/ eumerum/ ♂/ n. sp./ K. E. Schedl 1949*] [SINTIPO].

Remarks: In the original publication it says that there are two syntypes males, one in Schedl collection and another in Viana collection. In the Viana collection housed at the MLP we have found one syntype male, one female, and a third specimen without indication of sex, all with the same labels. Except the male, the remaining specimens are “dubious types”.

- *frenatus*, *Thamnophthorus* Schedl [= *Araptus frenatus* (Schedl)]

1939 a. Schedl, K. E. *Notas Museo La Plata* 4(28): 411.

Syntypes (3), females. MLP 1014/1-3. [Córdoba/ San Javier/ Pastrana] [Fruto de/ quebracho] [*Thamnophthorus/ frenatus/ n. sp./ K. E. Schedl*].

Remarks: Specimens 1014/1-3 have labels of allotypes, however, in the original publication it says that there is a serie of syntypes.

- *glabellus*, *Stephanoderes* Schedl [= *Hypothenemus hampei* (Ferrari)]

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 452.

Syntype, female. MLP 1002/1. [BUENOS AIRES ARGENTINA/ ISLA MARTIN GARCIA/ 4-1939 M. J. VIANA] [*Stephanoderes/ glabellus/ n. sp./ K. E. Schedl 1949*] [SINTIPO].

Remarks: This species is known as “coffee berry borer”.

- *globosus*, *Chramesus* Hagedorn

1909. Hagedorn, J. M. *Deutsch. Ent. Zeitschr.*: 742.

Dubious paratypes (5), sex not determined. MLP 1045/3-7. [Loreto, Misiones/ Rep. Argentina/ Dr. A. A. Ogloblin] [*Chramesus/ globosus/ Hagedorn/ C. BRUCH DETERM.*] [cotype].

Remarks: In the original publication it says that there is a single type, from Argentina (without any other indication of locality), Coll. Bruch, deposited at the MLP collection. We have found five specimens attached to two different pins that according to Wood (pers. comm.) should be “dubious paratypes”.

- *hirsutus*, *Dendrosinus* Schedl [= *Dendrosinus ater* Eggers]

1958. Schedl, K. E. *Acta Zool. Lilloana* 16: 38.

Syntypes (4), sex not determined. MLP 1048/1-4. [SANTA FÉ- ARGENTINA/ Dep. Garay- C. Macías/ X-1942 M. J. Viana] [*Dendrosinus/ hirsutus n. sp./ K. E. Schedl*] [SINTIPO].

- *hirtipennis*, *Hypothenemus* Schedl [= *Hypothenemus eruditus* Westwood]

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 450.

Paralectotype, sex not determined. MLP 997/3. [BUENOS AIRES ARGENTINA/ Tigre/ 1939 M. J. VIANA] [s/ jazmín/ de Chile] [*Hypothenemus/ hirtipennis/ n. sp./ K. E. Schedl 1949*] [SINTIPO].

Remarks: Paralectotype designated in Schedl (1979).

- *imperialis*, *Pseudochramesus* Schedl [= *Xylechinus imperialis* (Schedl)]

1958. Schedl, K. E. *Acta Zool. Lilloana* 16: 39.

Syntype, male. MLP 1046/1. [BUENOS AIRES ARGENTINA/ TIGRE/ 1-1951 M. J. Viana] [male] [*Pseudochramesus/ imperialis/ n. sp./ K. E. Schedl 1952*] [SINTIPO].

- *insidiosus*, *Loganius* Schedl [= *Cnemonyx insidiosus* (Schedl)]

1939 b. Schedl, K. E. *Notas Museo La Plata* 4(19): 171.

Syntypes (10), sex not determined. MLP 1060/1-10. [BUENOS AIRES ARGENTINA/ ISLA MARTIN GARCIA/ 4-1938 M. J. VIANA] [*Loganius/ insidiosus/ n. sp./ K. E. Schedl*] [SINTIPO].

- *intermedius*, *Hylocurus* Schedl [= *Hylocurus vianai* Schedl]
1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 458.
Syntypes (2), sex not determined. MLP 1033/1-2. [BUENOS AIRES ARGENTINA / Pilar/
X-1939 M. J. Viana] [*Hylocorus/ intermedius/* n. sp./ K. E. Schedl 1949] [SINTIPO].
Syntype, sex not determined. MLP 1033/3. [Argentina/ Buenos Aires / Tigre, X.1939/ M. J.
Viana] [*Hylocurus/ intermedius/* n. sp./ K. E. Schedl] [SINTIPO].
- *longipilis*, *Hypothenemus* Schedl [= *Hypothenemus eruditus* Westwood]
1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 451.
Paralectotypes (16), sex not determined. MLP 998/3-18. [BUENOS AIRES ARGENTINA/
Tigre/ 7-1948 M. J. VIANA] [*Hypothenemus/ longipilus/* n. sp./ K. E. Schedl 1949]
[SINTIPO].
Remarks: Paralectotypes designated in Schedl (1979). The label of identification is misspelling
as *Hypothenemus longipilus*, that is a *nomen nudum*.
- *minutissimus*, *Hypothenemus* Schedl [= *Hypothenemus pubescens* Hopkins]
1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 450.
Paralectotypes (2), sex not determined. MLP 999/3-4. [BUENOS AIRES ARGENTINA/
Pilar/ X-1939 M. J. VIANA] [*Hypothenemus/ minutissimus/* n. sp./ K. E. Schedl 1949]
[SINTIPO]
Paralectotypes (2), sex not determined. MLP 999/5-6. [CORDOBA-ARGENTINA/ Dep.
Punilla- V. Hermoso/ M. J. VIANA]. Others labels idem 999/3-4.
Remarks: In the original publication it says that the type material from Pilar was collected in
IV-1939, instead of X-1939. Based on additional information we consider that these are “true
types”. Paralectotypes designated in Schedl (1979).
- *obscuriceps*, *Hypothenemus* Schedl [= *Hypothenemus eruditus* Westwood]
1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 449.
Paralectotypes (6), sex not determined. MLP 1000/3-8. [BUENOS AIRES ARGENTINA/
Pilar/ X-1939 M. J. VIANA] [*Hypothenemus/ obscuriceps/* n. sp./ K. E. Schedl 1949]
[SINTIPO].
Paralectotypes (3), sex not determined. MLP 1000/9-11. [MISIONES-ARGENTINA/ Dep.
Concep.-Sta. María/ M. J. VIANA]. Other labels idem 1000/3-8.
Remarks: Paralectotypes designated in Schedl (1979).
- *porrectus*, *Microcorthylus* Schedl [= *Microcorthylus puerulus* Schedl]
1950. Schedl, K. E. *Acta Zool. Lilloana* 9: 292.
Syntype, sex not determined. MLP 1028/1. [MISIONES-ARGENTINA/ Dep. Concep.-Sta.
María/ X-1946 M. J. VIANA] [*Microcorthylus/ porrectus/* n. sp./ K. E. Schedl 1950]
[SINTIPO].
- *pubescens*, *Neodryocoetes* Schedl [= *Araptus pubescens* (Schedl)]
1950. Schedl, K. E. *Acta Zool. Lilloana* 9: 291.
Syntype, sex not determined. MLP 1020/1. [CORDOBA-ARGENTINA/ Dep. Punilla- V.
Hermoso/ M. J. VIANA] [*Neodryocoetes/ pubescens/* n. sp./ K. E. Schedl 1950] [SINTIPO].
- *punctifrons*, *Cryptocarenus* Schedl [= *Cryptocarenus heveae* (Hagedorn)]
1939 a. Schedl, K. E. *Notas Museo La Plata* 4(28): 410.
Syntype, sex not determined. MLP 1018/1. [BUENOS AIRES ARGENTINA/ ISLA MARTIN
GARCIA/ 1938 M. J. VIANA] [*Cryptocarenus/ punctifrons/* n. sp./ K. E. Schedl] [SINTIPO].

- *robustus*, *Hylocurus* Schedl

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 456.

Syntypes (3), sex not determined. MLP 1036/1-3. [MISIONES-ARGENTINA/ Dep. Concep.-Sta. María/ M. J. VIANA] [*Hylocurus/ robustus/* m. 1952/ K. E. Schedl] [SINTIPO]

Remarks: Types 1036/1-3 have a handwritten label by the author, with a date posterior to the publication, however, additional evidence would indicate that they are “true types”.

- *robustus*, *Phacrylus* Schedl [*Acorthylus robustus* (Schedl)]

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 453.

Syntypes (3), sex not determined. MLP 1006/1-3. [CORDOBA ARGENTINA/ Dep. de Calamuchita/ “El Sauce” XII-1938/ Manuel J. Viana] [*Phacrylus/ robustus/* n. sp./ K. E. Schedl] [SINTIPO].

- *sparsepunctatus*, *Neodryocoetes* Schedl [= *Araptus amazonicus* (Eggers)]

1938. Schedl, K. E. *Rev. Soc. Entomol. Argent.* 10: 26.

Syntypes (5), sex not determined. MLP 1022/1-5. [BUENOS AIRES ARGENTINA/ Tigre/ 1937 M. J. Viana] [*Neodryocoetes/ sparsepunctatus/* K. E. Schedl/ n. sp./ cotipus].

Remarks: The specimens have an additional label of «METATIPO» (= material compared with the type) of the Viana collection, but we have taken into account the cotype (= syntype) handwritten label by Schedl.

- *tayuyaensis*, *Dendrocranulus* Schedl

1939 b. Schedl, K. E. *Notas Museo La Plata* 4(19): 173.

Syntypes (8), sex not determined. MLP 1013/1-8. [ex tayuya/ Vte. Lopez IV.39/ Bruch] [*Dendrocranulus/ tayuyaensis/* Schedl/ C. BRUCH DETERM.] [Serie/ típica].

- *tigrensis*, *Stephanoderes* Schedl [= *Hypothenemus eruditus* Westwood]

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 452.

Paralectotypes (11), sex not determined. MLP 1004/3-13. [BUENOS AIRES ARGENTINA/ Tigre/ 7-1948 M. J. VIANA] [*Stephanoderes/ tigrensis/* n. sp./ K. E. Schedl 1949] [SINTIPO].

Remarks: Paralectotypes designated in Schedl (1979).

- *vernaculum*, *Pterocyclon* Schedl [= *Monarthrum minutum* (Schedl)]

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 460.

Syntype, female. MLP 1027/1. [MISIONES-ARGENTINA/ Dep. Concep.-Sta. María-/ M. J. Viana] [*Pterocyclon/ vernaculum/* ♀ n. sp./ K. E. Schedl 1949] [SINTIPO].

Remarks: In the original publication it says that there are two types females, one in Schedl collection and another in Viana collection. The specimen at the MLP collection does not have a label indicating sex, but we consider that it is a “true type”.

- *vianai*, *Cnemonyx* Schedl [= *Cnemonyx flavicornis* (Chapuis)]

1950. Schedl, K. E. *Acta Zool. Lilloana* 9: 289.

Syntypes (8), sex not determined. MLP 1057/1-8. [BUENOS AIRES ARGENTINA/ Tigre/ X- 1949 M. J. VIANA] [*Cnemonyx/ vianai/* n. sp./ K. E. Schedl 1950] [SINTIPO].

- *vianai*, *Conophthocranulus* Schedl [= *Spermophthorus apuleiae* Costa Lima]

1938. Schedl, K. E. *Rev. Soc. Entomol. Argent.* 10: 27.

Syntypes (12), sex not determined. MLP 1023/1-12. [Salta/ Argentina/ 1937 M. J. Viana] [*Conophthocranulus/ vianai/* n. sp./ K. E. Schedl] [SINTIPO].

- *vianai*, *Hylocurus* Schedl

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 457

Syntypes (2), sex not determined. MLP 1037/1-2. [Argentina/ Buenos Aires / Tigre, X.1939 M. J. Viana] [*Hylocurus/ vianai/* n. sp./ K. E. Schedl 1949] [SINTIPO].

- *vianai*, *Hypothenemus* Schedl [= *Hypothenemus eruditus* Westwood]

1958. Schedl, K. E. *Acta Zool. Lilloana* 16: 42.

Paralectotypes (10), sex not determined. MLP 1001/1-10. [BUENOS AIRES ARGENTINA/ Tigre/ I-1951 M. J. VIANA] [*Hypothenemus/ vianai/* n. sp./ K. E. Schedl 1953] [SINTIPO].

Remarks: Paralectotypes designated in Schedl (1979).

- *vianai*, *Pseudochramesus* Schedl

1958. Schedl, K. E. *Acta Zool. Lilloana* 16: 39.

Syntypes (45), sex not determined. MLP 1047/1- 45. [BUENOS AIRES ARGENTINA/ TIGRE/ 1-1951 M. J. Viana] [*Pseudochramesus/ vianai/* n. sp./ K. E. Schedl 1952] [SINTIPO].

Platypodidae

- *caravanis*, *Platypus* Schedl [= *Mesoplatypus caravanis* (Schedl)]

1949. Schedl, K. E. *Notas Museo La Plata* 14(116): 39.

Paralectotype, male. MLP 5059/3. [Nor. Yungas/ Caranavi/ V-31] [Col. Denier ♂] [Museo de La Plata] [*Platypus/ caravanis* ♂/ n. sp./ K. E. Schedl 1947].

Remarks: Paralectotype designated in Schedl (1978). This specimen was misplaced in the general collection of the MLP, instead of the type collection.

- *striatopennis*, *Platypus* Schedl [= *Teloplatypus striatopennis* (Schedl)]

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 463.

Syntype, male. MLP 1065/1. [MISIONES-ARGENTINA/ Dep. Concep.-Sta María-/ M. J. Viana] [♂] [*Platypus/ striatipennis/* n. sp./ 48 K. E. Schedl] [SINTIPO].

Remarks: The label of the type specimen is misspelling as *P. striatipennis*, but the species was described as *P. striatopennis*. There are two other specimens without indication of sex and same labels as the syntype, considered “dubious types” because in the original publication it says that there is one syntype male at Viana Collection and another in Schedl collection.

- *trispinatus*, *Platypus* Schedl [= *Euplatypus trispinatus* (Schedl)]

1951(52). Schedl, K. E. *Acta Zool. Lilloana* 12: 462.

Syntype, sex not determined. MLP 1066/1. [Prov. Salta/ Orán. 5:VI:33./ Col: P. Denier.] [Typus] [*Platypus/ trispinatus/* n. sp/ 1949 K. E. Schedl].

Nomina nuda

Some specimens labeled as types are actually *nomina nuda*: *Hylocurus obscurus* Schedl; *Hypocryphalus acaciae* Schedl (probably described as *Cryptocarenus acaciae* Schedl, Wood pers. comm.), *Micracisella dimorphus* Schedl (the specimens at the MLP collection obviously belong to another genus, because the only known *Micracisella* from South America occurs in Colombia, Wood pers. comm.), and *Scotylus episternatus* Schedl (this *nomen nudum* was given to a misidentified specimen of *Scolytopsis puncticollis* Blandford, Wood & Bright 1992: 321).

Types not found

The types of two species described by Hagedorn (1909), *Chramesus acuteclavatus* and *Hypothenemus nanus*, should be at the Museo de La Plata collection, according to this publication, but they were not found.

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