www.biotaxa.org/RSEA. ISSN 1851-7471 (online) Revista de la Sociedad Entomológica Argentina 76 (1-2): 28-40, 2017

A catalogue of the type specimens of the family Buprestidae (Insecta: Coleoptera) housed at the "Museo of La Plata", Argentina

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Received *21 - II - 2017* | Accepted *23 - V - 2017* | Published *29 - VI - 2017*

https://doi.org/10.25085/rsea.761204

Catálogo de especímenes tipo de la familia Buprestidae (Insecta: Coleoptera) depositados en el Museo de La Plata, Argentina

RESUMEN. En este trabajo se brinda información sobre el material tipo de especies neotropicales de Buprestidae (Coleoptera: Buprestoidea) depositado en el Museo de La Plata (MLP). Entre ellos hay 45 sintipos de especies de J. Obenberger y sintipos, holotipos o paratipos de especies descriptas por C. Berg, A. Cobos y Ch. Kerremans, como así también lectotipos y paralectotipos basados en sintipos de especies de Obenberger. Además, se compiló una lista de 37 especies cuyos especímenes estaban etiquetados como tipos (metatipos u homotipos), pero que en realidad son ejemplares comparados con los tipos por los autores de las especies (*e.g.* C. Burmeister, J. Obenberger, Ch. Kerremans). También se brinda información sobre tipos perdidos (estaban en el MLP pero actualmente no están) y sobre ejemplares etiquetados como tipos de especies probablemente nunca descriptas. La mayoría de las especies aquí tratadas fueron coleccionadas en Argentina por el especialista M. Viana, pero hay también especies procedentes de Brasil, Uruguay y Perú. Para cada una de ellas se brinda información sobre nombre original y válido, bibliografía de referencia, categoría de tipos, sexo de los especímenes (si está indicado) y número de código asignado a ellos en la colección entomológica del MLP.

PALABRAS CLAVE. Material tipo. Buprestidae. Museo de La Plata. Obenberger.

ABSTRACT. We provide information on the type specimens of Neotropical species of Buprestidae (Coleoptera: Buprestoidea) deposited at the Museo de La Plata (MLP). Among them, there are syntypes of 45 species of J. Obenberger, and syntypes, holotypes or paratypes of species described by C. Berg, A. Cobos and Ch. Kerremans, plus lectotypes and paralectotypes designated based on syntypes of Obenberger' species. Besides, we compiled a list of 37 species which specimens are labeled as types (metatypes or homotypes), but in fact these specimens were compared with the types by the authors of the species (*e.g.* C. Burmeister, J. Obenberger, Ch. Kerremans). Moreover, we provide information on missing types (formerly at the MLP but not in the collection at present) and specimens labeled as types of species never described. Most species herein treated were collected in Argentina by the specialist M. Viana, but there are also species from Brazil, Uruguay and Perú. For each species, we bring information on original and valid names, bibliographic references, category of types, sex of the specimens (if it is indicated) and code numbers assigned to them in the MLP entomological collection.

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KEYWORDS. Type material. Buprestidae. Museo de La Plata. Obenberger.

INTRODUCTION

Buprestidae is a family of Coleoptera with almost 15.000 phytophagous insects, usually xylophagous as larvae. Several species have iridescent colors, usually green or golden, reason why they are known as jewel beetles (Bellamy, 2008, 2009). In this contribution, we studied type material of 102 Neotropical species of Buprestidae mainly distributed in Argentina, Brazil and Uruguay, housed at the entomological collection of the Museo de La Plata (MLP), Argentina. These species were described by the specialists Carlos Berg, Antonio Cobos, Charles Kerremans and Jan Obenberger.

Most specimens are syntypes of Obenberger (1947), collected in Misiones, Córdoba and Buenos Aires provinces (Argentina), by the entomologist Manuel J. Viana. Obenberger (1947) stated that the type material of the species described in that paper was deposited at the National Museum of Prague, Czech Republic, and the Viana collection. Currently, Viana collection is at the Museo de La Plata.

There are also syntypes of species of Ch. Kerremans, deposited in C. Bruch's collection, currently at the Museo Argentino de Ciencias Naturales "Bernardino Rivadavia" (MACN), Buenos Aires and the MLP; plus holotypes of A. Cobos and C. Berg, and paratypes of Cobos. The specimens labeled as homeotypes or homotypes (specimens compared with and identified based on primary types) or as metatypes (usually topotypes or homotypes determined by the original authors of the species) are not recognized by the International Code of Zoological Nomenclature (1999) as part of the type series, but they were included in our work, because the associated information could be useful for future taxonomic research (Evenhuis, 2008).

MATERIALS AND METHODS

We examined 150 specimens labeled as types, corresponding to 102 species of Buprestidae deposited at the MLP. For each species we provide original and valid names, bibliographic references, category of types, sex of the specimens (if it is indicated), and code numbers assigned in the entomological collection of the MLP. The slash after this code indicates if the specimens are holotypes (/1), lectotypes (/2) or syntypes, paratypes, allotype or paralectotypes (/3 and higher numbers). There is an exact transcription of the labels, in a way that brackets separate different labels and slashes, different lines within each label.

The current, valid names of the species are based mainly on the information provided in the catalog of Buprestids of the world published by the specialist Charles Bellamy (2008, 2009), except when the valid names changed subsequently (e.g. Bilý, 2012).

We compiled two separate lists: one for holotypes, paratypes, syntypes, lectotypes and paralectotypes; and another for metatypes and homeotypes (= "cum typus comparat"). Moreover, we bring information on the missing types (those deposited at the MLP but not found) and specimens labeled as types but that are probably "nomina nuda" (species not described).

RESULTS

As the result of our revision we found 57 species with types recognized by the ICZN (2012), among them, there are 45 syntypes of the Czech specialist J. Obenberger, most of them collected by M. Viana; five syntypes of the Belgian specialist Ch. Kerremans; three syntypes of the Argentinian specialist C. Berg (one of them considered holotype because it is the only specimen used for the species description); and one holotype and two paratypes of the spanish specialist A. Cobos. Three syntypes of Obenberger's species of *Eudiadora* were designated as lectotypes by Ch. Bellamy (1991), and four syntypes of *Tetragonoschema* of the same author became paralectotypes, because S. Bilý (2012) designated the specimens housed at the National Museum of Prague as lectotypes. The syntypes of Kerremans (1903) were brought to the author by the coleopterologist Carlos Bruch, organizer of the entomological collection of the MLP (Lanteri & Martínez, 2012).

1. *Acmaeodera vianai* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 5-6.

Type material: from Argentina, Córdoba province.

Syntype, sex not determined. MLP 335/3. [Córdoba Argentina/ Dep. de Calamuchita/ "El Sauce" XII-1938/ Manuel J. Viana] [Typus] [*A. vianai*/ type/ det. Dr. Obenberger].

Specimen glued on a card; type label red.

Remarks: The Chilean specialist Gerardo Arriagada is currently studying this material and he will probably designate this specimen as lectotype (pers. comm.).

2. *Agrilaxia pallidetincta apicevirens* Obenberger, 1947 [= *Agrilaxia brunneipennis pallidetincta* Obenberger, 1926]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 10.

Type material: from Argentina, Córdoba province.

Syntype, sex not determined. MLP 345/3. [Córdoba Argentina/ Dep. de Calamuchita/ "El Sauce" XII-1938/

Manuel J. Viana] [Typus] [*A. pallidetincta*/ v. *apicevirens*/ type/ det. Dr. Obenberger].

Specimen glued on a card; type label red.

3. *Agrilaxia tigrensis* Obenberger, 1947 [= *Bilyaxia maculicollis* (Kerremans, 1887)]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 10-11.

Type material: from Argentina, Buenos Aires province.

Syntype, sex not determined. MLP 346/3. [Buenos Aires Argentina/ Tigre/ M.J. Viana] [Typus] [*Agrilaxia*/ *tigrensis* m/ det. Dr. Obenberger].

Specimen glued on a card; type label red.

4. *Agrilaxia vianai* Obenberger, 1947 [= *Bilyaxia maculicollis* (Kerremans, 1887)]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 9-10.

Type material: from Argentina, Misiones province.

Syntype female. MLP 347/3. [Misiones Argentina/ Dep. Concepción Sta. María/ M.J. Viana] [Typus] [*Agrilaxia*/ *vianai* ♀/ typus/ det. Dr. Obenberger].

Syntype male. MLP 345/4. The same data as MLP 245/3 except that it is a male.

Specimens glued on cards; type labels red.

5. *Agrilus aesquilius* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 21-22.

Type material: from Argentina, Misiones province.

Syntype, sex not determined. MLP 373/3. [Misiones Argentina/ Dep. Concepción Sta.María/ M.J. Viana] [Typus] [*Agrilus*/ *aesquilius*/ typus/ det. Dr. Obenberger].

Specimen glued on a card; type label red.

6. *Agrilus argentinus* Kerremans, 1903

1903. Kerremans. Genera Insectorum, Coleoptera, Fam. Buprestidae II, Fasc. 12b, 271.

Type material: from Argentina, Buenos Aires province.

Two syntypes, sex not determined. MLP 374/3-4. [Rca. Argentina/ Prov. Buenos Aires/ C. Bruch] [*Agrilus*/ *argentinus*/ type Kerr.].

Specimen glued on a card; type label white.

Remarks: Other syntypes are probably at the Naturhistoriska Riksmuseet, Stockholm, where the Chevrolat's collection is deposited.

***7. Agrilus aurelianus* Obenberger, 1947**

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 23-24.

Type material: from Argentina, Misiones province.

Syntype, sex not determined. MLP 375/3. [Misiones Argentina/ Dep. Concepción Sta. María/ M.J. Viana] [Typus] [*Agrilus*/ *aurelianus*/ m. typus/ det. Dr. Obenberger].

Specimen glued on a card; type label red.

8. *Agrilus canelonius* Obenberger, 1933

1933a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 11, 45-46.

Type material: from Uruguay, Canelones department.

Two syntypes, sex not determined. MLP 376/3-4. [Canelones/ (Colorado)/ 1-I-1910] [Typus] [*Agrilus*/ *canelonius*/ m. typus/ det. Dr. Obenberger].

Specimens glued on cards; type labels red.

Remarks: According to the original paper the material was collected by the Uruguayan entomologist Juan Tremoleras.

9. *Agrilus circumflutus* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 19-20.

Type material: from Argentina, Buenos Aires province.

Syntype, sex not determined. MLP 377/3. [Buenos Aires Argentina/ Isla Martín García/ M.J. Viana] [Typus] [*Agrilus*/ *circumflutus*/ m. typus/ det. Dr. Obenberger].

Specimen glued on a card; type label red.

Remarks: Other syntypes from Misiones province, Argentina, are probably at the National Museum of Prague.

10. *Agrilus dudai* Obenberger, 1932

1932a. Obenberger. Folia Zoologica et Hydrobiologica, 4, 254.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 380/3. [Sao Paulo/ Brs. Mraz] [Typus] [*Agrilus*/ *dudai* m./ typus/ det. Dr. Obenberger].

Specimen glued on a card; type label red.

11. *Agrilus eurysaces* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 22-23.

Type material: from Argentina, Misiones province.

Syntype, sex not determined. MLP 381/3. [Misiones Argentina/ Dep. Concepción Sta. María/ M.J. Viana] [Typus] [*Agrilus*/ *eurysaces*/ m. typus/ det. Dr. Obenberger].

Specimen glued on a card; type label red.

12. *Agrilus lavoisieri* Obenberger, 1933

1933b. Obenberger. Wiener Entomologische Zeitung, 50, 19-20.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 388/3. [Sao Paulo; Mráz/ legit, Brasilia] [Typus] [*Agrilus*/ *lavoisieri*/ type/ Det. Obenberger].

Specimen glued on a card; type label red.

13. *Agrilus linnei* Obenberger, 1933

1933b. Obenberger. Wiener Entomologische Zeitung, 50, 24.

Type material: from Brazil, São Paulo state.

Four syntypes, sex not determined. MLP 389/3-6. [Sao Paulo; Mráz/ legit, Brasilia] [Typus] [*Agrilus*/ *linnei*/

type/ Det. Obenberger].

Specimens glued on cards; type labels red.

14. *Agrilus missionum* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 18-19.

Type material: from Argentina, Misiones province.

Syntype, sex not determined. MLP 391/3. [Misiones - Argentina/ Dep. Concep. – Sta. María/ M. J. Viana] [Typus] [*Agrilus* /*missionum*/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

15. *Agrilus neuquensis* Kerremans, 1903

1903. Kerremans. Genera Insectorum, Coleoptera, Fam. Buprestidae II, fasc. 12b, 269.

Type material: from Argentina, Neuquén province.

Three syntypes, sex not determined. MLP 392/3-5. [Rca. Argentina/ Gob. Neuquén/ C. Bruch] [*Agrilus*/ *neuquensis*/ typ. Kerr.].

Specimens 392/3-4 are glued on cards, placed in the same pin.

Remarks: In the original publication the author stated that the type material comes from Neuquén province, Bruch's collection. Other syntypes are probably at the Naturhistoriska Riksmuseet, Stockholm, where the Chevrolat's collection is deposited.

16. *Agrilus dilaticornis paulinus* Obenberger, 1933 [= *Agrilus paulinus* Obenberger, 1933]

1933b. Obenberger. Wiener Entomologische Zeitung, 50, 8.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 393/3. [Sao Paulo; Mráz/ legit, Brasilia] [Typus] [*Agrilus*/ *paulinus*/ type/ Det. Obenberger].

Specimen glued on a card; type label red.

17. *Agrilus presli* Obenberger, 1932

1932b. Obenberger. Acta Societatis Entomologicae Cechosloveniae, 29, 162.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 394/3. [Sao Paulo; Mráz/ legit, Brasilia] [Typus] [*Agrilus*/ *presli*/ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

18. *Agrilus preyssleri* Obenberger, 1933

1933b. Obenberger. Wiener Entomologische Zeitung, 50, 19.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 395/3. [Sao Paulo; Mráz/ legit, Brasilia] [Typus] [*Agrilus*/ *preyssleri*/ type/ Det. Obenberger].

Specimen glued on a card; type label red.

19. *Agrilus sekerai* Obenberger, 1933

1933b. Obenberger. Wiener Entomologische Zeitung, 50, 13-14.

Type material: from Brazil, São Paulo state.

Two syntypes, sex not determined. MLP 397/3-4. [Sao Paulo/ Brs. Mráz] [Typus] [*Agrilus*/ *sekerai*/ type/ Det. Obenberger].

Specimens glued on cards; type labels red.

20. *Agrilus srogli* Obenberger, 1932

1932b. Obenberger. Acta Societatis Entomologicae Cechosloveniae, 29, 161.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 386/3. [Sao Paulo/ Jaro Mráz] [Typus] [*Agrilus*/ *srogli*/ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

21. *Agrilus thoracellus conceptionis* Obenberger, 1947 [= *Agrilus thoracellus* Laporte & Gory, 1837]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 17.

Type material: from Argentina, Misiones province.

Syntype, sex not determined. MLP 398/3. [Misiones - Argentina/ Dep. Concep. – Sta. María/ M.J. Viana] [Typus] [*A. thoracellus*/ var. *conceptionis*/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

22. *Agrilus sacer tremolerasi* Obenberger, 1933

1933a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 11, 73.

Type material: from Uruguay, Maldonado department.

Four syntypes, sex not determined. MLP 399/3-6. [Maldonado/ (Cerro Pelado)/ 26/XII/12] [Typus] [*Agrilus*/ *tremolerasi*/ m. type/ Det. Dr. Obenberger].

Specimens glued on cards; type labels red.

23. *Agrilus vianai* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 24-25.

Type material: from Argentina, Córdoba province.

Syntype, sex not determined. MLP 402/3. [Córdoba - Argentina/ Dep. de Calamuchita/ "El Sauce" XII-1938/ Manuel J. Viana] [Typus] [*Agrilus*/ *vianai*/ m. type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

24. *Agrilus xylochaerus* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 20-21.

Type material: from Argentina, Misiones province.

Syntype, sex not determined. MLP 404/3. [Misiones - Argentina/ Dep. Concep. – Sta. María/ M.J. Viana] [Typus] [*Agrilus*/ *xylochaerus*/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

25. *Amorphosternus vianai* Obenberger, 1947 [= *Amorphosternoides vianai* (Obenberger, 1947)]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 12-13.

Type material: from Argentina, Córdoba province.

Syntype, sex not determined. MLP 372/3. [Córdoba - Argentina/ Dep. de Calamuchita/ "El Sauce" XII-1938/ Manuel J. Viana] [Typus] [*Amorphosternus*/ *vianai*/ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

Remarks: The new combination *Amorphosternoides vianai* was established by Cobos (1974).

26. *Ancylotela oculata argentiniensis* Cobos, 1973

1973. Cobos. Archivos del Instituto de Aclimatación de Almería, 18, 171-172.

Type material: from Argentina, Santiago del Estero province.

Paratype female. MLP 3524/3. [Sgo. del Estero/ Río Salado/ Wagner col.] [Paratypus/ A. Cobos] [*Ancylotela*/ *oculata* ssp./ *argentinensis*/ nov./ A. Cobos 1972].

Paratype female. MLP 3524/4. [(Campo del/ Cielo (S. d. E)/ I-1934] [Paratypus/ A. Cobos] [*Ancylotela*/ *oculata* ssp./ *argentinensis*/ nov./ A. Cobos 1972].

Specimens glued on cards; type labels red.

27. *Anthaxia (Paracuris) bimaculata litigiosa* Cobos, 1956 [= *Paracuris bimaculata litigiosa* Cobos, 1956)]

1956. Cobos. Archivos del Instituto de Aclimatación de Almería, 5, 130.

Type material: from Argentina, Río Negro province.

Paratype, sex not determined. MLP 359/3. [Rio Colorado/ Río Negro RP. ARG./ Hayward leg.] [Paratype] [*Paracuris*/ *litigiosus*/ A. Cobos det. 1956].

Remarks: Bilý (2013) treated this subspecies as *Paracuris bimaculata litigiosa*.

28. *Brachys valkai* Obenberger, 1923

1923. Obenberger. Entomologische Blätter, 19, 117.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 413/3. [Sao Paulo/ Brs. Mráz] [Typus] [*Brachys*/ *valkai*/ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

29. *Brachys vicina* Kerremans, 1903

1903. Kerremans. Genera Insectorum, Coleoptera, Fam. Buprestidae, Fasc. 12b, 325.

Type material: from Brazil.

Two syntypes, sex not determined. MLP 414/3-4. [Rca. Brasil/ C. Bruch] [*Brachys*/ *vicinus*/ Kerr.].

Specimens are glued on cards placed in the same pin.

Remarks: Other syntypes are probably at the Naturhistoriska Riksmuseet, Stockholm, where the Chevrolat's collection is deposited.

30. *Callimicra mrazi* Obenberger, 1922 [= *Callimicra cylindera* Kerremans, 1903]

1922a. Obenberger. Archiv für Naturgeschichte, 88(A) 12, 162.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 429/3. [Sao Paulo/ Brs. Mráz] [Typus] [*Callimicra*/ *mrazi* m./ typus/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

31. *Cylindromorphoides mrazi* Obenberger, 1924

1924b. Obenberger. Archiv für Naturgeschichte, 90A (3), 157.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 423/3. [Sao Paulo/ Brs. Mráz] [Typus] [*Cylindromorphoides*/ *mrazi* m./ typus/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

32. *Eudiadora cordobensis* Obenberger, 1947 [= *Eudiadora pulchra* Obenberger, 1922]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 14.

Type material: from Argentina, Córdoba province.

Lectotype female. MLP 369/2. [Córdoba - Argentina/ Dep. de Calamuchita/ "El Sauce" XII-1938/ Manuel J. Viana] [Typus] [*Eudiadora*/ *cordobensis*/ m. type/ Det. Dr. Obenberger] [Lectotype/ *Eudiadora*/ *cordobensis*/ ♀ Obenb./ C.L. Bellamy].

Specimen glued on a card; type label by Obenberger and lectotype label by Bellamy are red.

Remarks: Bellamy (1991), in his revision of *Eudiadora* Obenberger, designated the syntype housed at the MLP as a lectotype and one male at the National Museum of Prague, as paralectotype, and established the synonymy with *E. pulchra* Obenberger, 1922.

33. *Eudiadora meliboeoides* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 15.

Type material: from Argentina, Misiones province.

Lectotype female. MLP 370/2. [Misiones - Argentina/ Dep. Concep. – Sta. María/ Manuel J. Viana] [Typus] [*Eudiadora*/ *meliboeoides*/ m. type/ Det. Dr. Obenberger] [Lectotype/ *Eudiadora*/ *meliboeoides*/ ♀ Obenb./ C.L. Bellamy].

Specimen glued on a card; type label by Obenberger and lectotype label by Bellamy are red.

Remarks: Bellamy (1991), in his revision of *Eudiadora* Obenberger, designated the syntype housed at the MLP as a lectotype of the species. One paralectotype male is at the National Museum of Prague (Bellamy, 1991).

34. *Eudiadora vianai* Obenberger, 1947 [= *Eudiadora pulchra* Obenberger, 1922]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 13-14.

Type material: from Argentina, Córdoba province.

Lectotype female. MLP 371/2. [Córdoba - Argentina/ Dep. de Calamuchita/ "El Sauce" XII-1938/ Manuel J. Viana] [Typus] [*Eudiadora*/ *vianai*/ m. type/ Det. Dr. Obenberger] [Lectotype/ *Eudiadora*/ *vianai*/ ♀

Obenb./C.L. Bellamy].

Specimen glued on a card; type label by Obenberger and lectotype label by Bellamy are red.

Remarks: Bellamy (1991), in his revision of *Eudiadora* Obenberger, established that E. vianai is a junior synonym of *E. pulchra* Obenberger, 1922, and designated the syntype housed at the MLP as lectotype. One paralectotype female is at the National Museum of Prague.

35. *Hyperantha stempelmanni* Berg, 1889

1889. Berg. Anales de la Universidad de Buenos Aires, 6, 52-53.

Type material: from Argentina, Córdoba province.

Three syntypes, sex not determined. MLP 368/3-5. [Typus] [Córdoba] [Bruch foto] [*Hyperantha*/ *stempelmanni*/ 1889 Berg].

Specimen glued on a card; type label white.

Remarks: The name of the species was dedicated to Dr. H. Stempelmann, from the Universidad Nacional de Córdoba, Argentina.

36. *Pachyschelus calamuchitae* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 27-28.

Type material: from Argentina, Córdoba province.

Syntype, sex not determined. MLP 424/3. [Córdoba - Argentina/ Dep. de Calamuchita/ "El Sauce" XII-1938/ Manuel J. Viana] [Typus] [*Pachyschelus*/ *calamuchitae*/ m. type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

37. *Pachyschelus nigerrima* Kerremans, 1903 [= *Hylaeogena nigerrima* (Kerremans, 1903)]

1903. Kerremans. Genera Insectorum, Coleoptera, Fam. Buprestidae, Fasc. 12b, 320.

Type material: from Brazil.

Syntype, sex not determined. MLP 425/3. [Rca. Brasil/ C. Bruch] [*Pachyschelus*/ *nigerrima*/ Kerr.].

Remarks: Specimen glued on a card. Other syntypes are probably at the Naturhistoriska Riksmuseet, Stockholm, where the Chevrolat's collection is deposited.

38. *Pachyschelus paulensis* Obenberger, 1925

1925. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 3, 119.

Type material: from Brazil, Sao Paulo state.

Syntype female, MLP 426/3. [Sao PAULO: Mráz/ legit, Brasilia] [TYPUS] [*P. paulensis* m. ♀ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

39. *Pachyschelus prodigiosus* Obenberger, 1925

1925. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 3, 91.

Type material: from Brazil, São Paulo state.

Syntype female, MLP 427/3. [Sao Paulo: Mráz/ legit, Brasilia] [TYPUS] [*P. prodigiosus* m./ ♀ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

40. *Paragrilus coerulans* Obenberger, 1924

1924b. Obenberger. Archiv für Naturgeschichte, 90A (3), 155.

Type material: from Argentina, Corrientes province.

Syntype, sex not determined. MLP 408/3. [Buprestidae ex./ coll. J. M. Bosq/ Prov. de Corrientes/: San Roque: II-1920] [Typus] [*P./ coerulans* type/ Det. Obenberger].

Specimen glued on a card; type label red.

Remarks: There is another specimen of this species, without label of locality and labeled "cum typus comparat",

41. *Paragrilus obliquus* Kerremans, 1903

1903. Kerremans. Genera Insectorum, Coleoptera, Fam. Buprestidae, Fasc. 12b, 296.

Type material: from Brazil.

Syntype, sex not determined. MLP 409/3. [Rca. Brasil/ C. Bruch] [*Paragrilus*/ *obliquus* / Kerr.].

Specimen glued on a card; type label red.

Remarks: Other syntypes are probably at the Naturhistoriska Riksmuseet, Sctockholm.

42. *Paragrilus paulensis* Obenberger, 1924

1924b. Obenberger. Archiv für Naturgeschichte, 90A (3), 142-143.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 410/3. [Sao Paulo: Mráz/ legit, Brasilia] [TYPUS] [*Paragrilus*/ Det. Dr. Obenberger] [*paulensis*/ Det. Dr. Obenberger].

Remarks: Specimen glued on card, with type label in red.

43. *Paragrilus vianai* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 25-26.

Type material: from Argentina, Córdoba province.

Syntype, sex not determined. MLP 411/3. [Córdoba - Argentina/ Dep. de Calamuchita/ "El Sauce" XII-1938/ Manuel J. Viana] [Typus] [*Paragrilus*/ *vianai*/ m. type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

44. *Psiloptera (Pseudolampetis) rossi* Cobos, 1969 [= *Pseudolampetis rossi* Cobos, 1969]

1969. Cobos. Eos, 44, 22.

Type material: from Perú, Huanta province.

Paratype, sex not determined. MLP 3525/3. [10 Mi. N. of/ Huanta, PERU/ III-8-51] [Ross and/ Michelbachen/ collectors] [Paratype/ A. Cobos] [*Ectinogonia*/ *rossi*/ nov. sp./ Paratype/ A. Cobos det. 1970]

Paratype mounted in a pin; type label red.

Remarks: The holotype, the allotype and 96 paratypes have been deposited in the entomological

collection of the California Academy of Sciences, San Francisco, USA.

45. *Ptosima patagiata* Berg, 1885 [= *Tyndaris patagiata* (Berg, 1885)]

1885. Berg. Anales de la Sociedad Científica Argentina, 19, 225-226.

Type material: from Argentina, Buenos Aires province, and Uruguay.

Syntype, sex not determined. MLP 340/3. [Typus] [Banda/ Oriental] [Bruch foto] [*Ptosima*/ *patagiata*/ 1885 Berg] [*Tyndaris*/ *patagiata*/ (Berg)/ Bruch/ C. Bruch det.]

Specimen pinned; type label white.

Remarks: This species was described as *Ptosima* (Berg, 1885: 225) but in Blackwelder (1944) is classified as *Tylauchenia patagiata* Berg, 1885.

46. *Sphenoptera priamus* Obenberger, 1926

1926. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 4(28), 33-34.

Type material: from Sudafrica, Transvaal.

Two syntypes, sex not determined. MLP 431/3-4. [Transvaal] [Typus] [*Sphenoptera*/ det. Dr. Obenberger] [*priamus*/ det. Dr. Obenberger].

Specimens glued on cards; type labels red.

47. *Taphrocerus fastidiosus* Cobos, 1959

1959. Cobos. Bulletin de l'Institut Royal Sciences Naturelles Belgique, 35(2), 32-34.

Type material: from Argentina, Corrientes and Entre Ríos provinces.

Holotype female. MLP 415/1. [Manantiales/ Corrientes, VIII-1946] [Holotipo] [*Taphrocerus*/ *fastidiosus*/ nov. sp./ Holotipo/ A. Cobos det. 1956].

Paratype, sex not determined. MLP415/3. [Concordia. Entre Ríos/ 10-XII-1941/ Birabén – Bezzi col.] [Paratipo] [*Taphrocerus*/ *fastidiosus*/ nov. sp./ Paratipo/ A. det. 1956].

Specimens glued on cards; type labels red.

Remarks: In the original publication it is not mentioned that the holotype and one paratype are deposited at the MLP.

48. *Taphrocerus kheili* Obenberger, 1924

1924a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 2, 73-74.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 417/3. [Sao Paulo/ Brs. Mráz] [Typus] [*T. kheili* m./ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

49. *Taphrocerus simillimus* Obenberger, 1924

1924a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 2, 63.

Type material: from Brazil, São Paulo state.

Syntype, sex not determined. MLP 420/3. [Sao Paulo/ Brs. Mráz] [Typus] [*T. simillimus* m./ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

50. *Taphrocerus theryi* Obenberger, 1924

1924a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 2, 67.

Type material: from Brazil, São Paulo state.

Four syntypes, sex not determined. MLP 421/3-6. [Sao Paulo/ Brs. Mráz] [Typus] [*T. theryim.* type/ Det. Dr. Obenberger].

Specimens glued on cards; type labels red.

51. *Taphrocerus tigrensis* Obenberger, 1947

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 26-27.

Type material: from Argentina, Buenos Aires province.

Two syntypes, sex not determined. MLP 422/3-4. [Buenos Aires – Argentina/ Tigre/ M. J. Viana] [Typus] [*Taphrocerus*/ *tigrensis* m./ type/ Det. Dr. Obenberger].

Specimens glued on cards placed in the same pin; type labels red.

52. *Tetragonoschema missionarium* Obenberger, 1947 [= *T. purpurascens* Kerremans, 1897]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 6-7.

Type material: from Argentina, Misiones province.

Paralectotype, sex not determined. MLP 351/3. [Misiones - Argentina/ Dep. Concep. – Sta. María/ Manuel J. Viana] [Typus] [*Tetragonoschema*/ *missionarium*/ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

Remarks: The synonymy with *T. purpurascens* was established by Bilý (2012). This author designated the specimen at the National Museum of Prague as a lectotype, consequently, the specimen at the MLP became a paralectotype.

53. *Tetragonoschema santafeanum* Obenberger, 1947 [= *Tetragonoschema undatum* (Steinheil, 1874)]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 9.

Type material: from Argentina, Santa Fé province.

Paralectotype, sex not determined. MLP 354/3. [Santa Fé - Argentina/ Dep. Garay- C. Macias/ María/ Manuel J. Viana] [Typus] [*Tetragonoschema*/ *santafeanumm.*/ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

Remarks: The synonymy with *T. undatum* was established by Bilý (2012). This author designated the specimen at the National Museum of Prague as a lectotype, consequently, the specimen at the MLP became a paralectotype.

54. *Tetragonoschema strandi* Obenberger, 1924

1924b. Obenberger. Archiv für Naturgeschichte, 90(A) 3, 71.

Type material: from Argentina, Santiago del Estero

province.

Paralectotype, sex not determined. MLP 355/3. [Santiago del Estero/ Río Salado/ Wagner coll.] [*Tetragonoschema*/ *strandi* Obenber.].

Specimen glued on a card; without type label.

Remarks: Even though this specimen is not labeled as type, we consider that it is part of the type series, because the information is coincident with that of the original publication. Bilý (2012) designated the specimen at the National Museum of Prague as a lectotype, consequently, the specimen at the MLP became a paralectotype.

55. *Tetragonoschema tigrense* Obenberger, 1947 [= *Tetragonoschema aeneum* Kerremans, 1899]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 8.

Type material: from Argentina, Buenos Aires province.

Paralectotype, sex not determined. MLP 356/3. [Buenos Aires – Argentina/ Tigre/ M. J. Viana] [Typus] [*Tetragonoschema*/ *tigrensis* / type m./ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

Remarks: The synonymy with *T. aeneum* was established by Bilý (2012). This author designated the specimen at the National Museum of Prague as a lectotype, consequently, the specimen at the MLP became a paraletotype.

56. *Tetragonoschema vianai* Obenberger, 1947 [= *Tetragonoschema undatum* (Steinheil, 1874)]

1947. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 25, 7- 8.

Type material: from Argentina, Córdoba province.

Paralectotype, sex not determined. MLP 358/3. [Córdoba - Argentina/ Dep. de Calamuchita/ "El Sauce" XII-1938/ Manuel J. Viana] [Typus] [*Tetragonoschema*/ *vianai* n. sp./ type/ Det. Dr. Obenberger].

Specimen glued on a card; type label red.

Remarks: The synonymy with *T. undatum* was established by Bilý (2012). This author designated the specimen at the National Museum of Prague as a lectotype, consequently, the specimen at the MLP became a paralectotype.

57. *Tylauchenia compacta* Berg, 1889 [= *Neocypetes compactus* (Berg, 1889)]

1889. Berg. Anales de la Universidad de Buenos Aires, 6, 152-153.

Type material: from Argentina, Córdoba province.

Holotype female, MLP 339/1. [♀] [Typus] [Córdoba] [Bruch foto] [*Tylauchenia*/ *compacta*/ 1889 Berg] [*Tylauchenia*/ *compacta*/ Berg/ A. Cobos det. 1972].

Specimen glued on a card; type label white.

Remarks: Cobos (1973) stated that the female deposited at the Museo de La Plata is the only specimen known for this species, consequently it is the holotype.

SPECIMENS COMPARED WITH TYPES

We found 25 metatypes of species described by J. Obenberger before 1947, several of them were collected by M. Viana in the same localities as the types and their identifications were confirmed by the author of the species. Other specimens which identifications were based on comparisons with the types correspond to 12 species described by Ch. Kerremans (previous to 1903), C. Burmeister (1872), L. Fairmaire (1864), F.L. Laporte de & H.L. Gory (1835-1837), F.L. Gory (1840-1841), and J.F.W. Herbst (1801). In most cases the locations of the types and the specimens herein studied are not coincident, or the specimens were collected after the date of the species description.

1. *Agrilaxia carbonaria* Obenberger, 1922 [= *Bilyaxia maculicollis* (Kerremans, 1887)]

1922c. Obenberger. Entomologische Blätter, 18, 179-180.

Remarks: The original publication indicates that the type is from Montevideo, Uruguay. The specimen housed at the MLP is from Argentina, Córdoba province and is labeled as metatype.

2. *Agrilaxia decipiens* Burmeister, 1872

1872. Burmeister. Entomologische Zeitung, 33(10-12), 385.

Remarks: The original publication indicates that the type is from Buenos Aires. The two specimens housed at the MLP are from Buenos Aires and Córdoba, and they are labeled as "cum typus comparat".

3. A*grilaxia pallidetincta* Obenberger, 1928 [= *Agrilaxia brunneipennis pallidetincta* Obenberger, 1928]

1928. Obenberger. Archiv für Naturgeschichte, 92A (11), 259.

Remarks: The original publication indicates that the type is from Argentina, Córdoba, El Sauce, Dto. Calamuchita same as the specimen at the MLP, which is labeled as metatype. This specimen was collected after the description of the species.

4. *Agrilus desfontainesi* Obenberger, 1933

1933a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 11, 72-73.

Remarks: The original publication indicates that the types are from Brazil, São Paulo. The specimen housed at the MLP is from Argentina, Buenos Aires province, Tigre and is labeled as metatype.

5. *Agrilus dilaticornis* Kerremans, 1897

1897. Kerremans. Memoires de la Société Entomologique de Belgique, 6, 86.

Remarks: The original publication indicates that the type is from Brazil. The specimen housed at the MLP is from Paraguay and is labeled as "cum typus comparat".

6. *Agrilus florilegus* Obenberger, 1933

1933a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 11, 46.

Remarks: The original publication indicates that the type is from Argentina, Córdoba. The specimen housed at the MLP is from Argentina, Córdoba, El Sauce, Dto. Calamuchita, XII-1938, and is labeled as metatype. This material was collected after the description of the species.

7. *Agrilus flosculus* Obenberger 1933

1933a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 11, 45.

Remarks: The original publication indicates that the type is from Argentina, Córdoba. The specimen housed at the MLP is from Argentina, Buenos Aires, Tigre and is labeled as metatype.

8. *Agrilus friesei* Obenberger, 1932

1932b. Obenberger. Acta Societatis Entomologicae Cechosloveniae, 29, 158-159.

Remarks: The original publication indicates that the type is from Argentina, Misiones Loreto, Santa Ana, Ogloblin legit. The specimen housed at the MLP is from Argentina, Misiones, Santa María, Viana legit, and is labeled as metatype. This material was collected after the description of the species.

9. *Agrilus furcatipennis santiagensis* Obenberger, 1935 [= *Agrilus santiagensis* Obenberger, 1935]

1935. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 13(117), 119.

Remarks: The original publication indicates that the type is from Argentina, Santiago del Estero, C. Bruch legit. The specimen housed at the MLP is from Argentina, Misiones, Santa María, Viana legit, and is labeled as metatype.

10. *Agrilus honorius loretigena* Obenberger, 1933 [= *Agrilus loretigena* Obenberger, 1933]

1933a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 11, 52.

Remarks: The original publication indicates that the type is from Argentina, Misiones, Loreto, Ogloblin legit. The specimen housed at the MLP is from Argentina, Misiones, Santa María, Dto. Concepción, Viana legit, and is labeled as metatype. This material was collected after the description of the species.

11. *Agrilus meleager* Obenberger, 1935

1935. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 13(117), 109.

Remarks: The original publication indicates that the type is from Brazil. The specimen housed at the MLP is from Argentina, Misiones, Santa María, Dto. Concepción, Viana legit, and is labeled as metatype.

12. *Agrilus reimoseri* Obenberger, 1933

1933a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 11, 73-74.

Remarks: The original publication indicates that the types are from Uruguay, Maldonado, Cerro Pelado, and Canelones, Independencia. The specimen housed at the MLP is from Argentina, Córdoba, El Sauce, Dto. Calamuchita, XII-1938, Viana legit and is labeled as metatype.

13. *Agrilus tucumanellus* Obenberger, 1933

1933a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 11, 57.

Remarks: The original publication indicates that the type is from Argentina, Tucumán. The specimen housed at the MLP is from Argentina, Misiones, Santa María, Dto. Concepción, Viana legit, and is labeled as metatype.

14. *Agrilus verutus* Kerremans, 1897

1897. Kerremans. Memoires de la Société Entomologique de Belgique, 6, 67-68.

Remarks: The original publication indicates that the type is from Brazil, Goyaz, Jahay (Chapada Pujol). The specimen housed at the MLP is from Argentina, Paraguay and is labeled as homeotype, “cum typus comparat”.

15. *Agrilus wasmanni yerbatero* Obenberger, 1933 [= *Agrilus yerbatero* Obenberger, 1933]

1933a. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 11, 29.

Remarks: The original publication indicates that the type is from Argentina, Misiones, Santa Ana, Ogloblin legit. The specimen housed at the MLP is from Argentina, Misiones, Santa María, Dto. Concepción, Viana legit, and is labeled as metatype. This material was collected after the description of the species.

16. *Buprestis americana* Herbst, 1801 [= *Achardella americana* (Herbst, 1801)]

1801. Herbst. Natursystem aller bekannten in-und ausländischen Insekten als eine Fortsezzung der von Büffonschen Naturgeschichte: Nach dem System des Ritters Carl von Linne bearbeitet von Carl Gustav Jablonsky. p 107-108.

Remarks: The original publication indicates that the type is from Argentina. The specimen housed at the MLP is from Argentina, Santiago del Estero, Río Salado and is labeled as homeotype. Collecting in this area of Argentina started in the XIX century.

17. *Chrysobothris auricincta* Burmeister, 1872

1872. Burmeister. Entomologische Zeitung, 33(10-12), 382.

Remarks: The original publication indicates that type is from Tucumán, collected on *Medicago sativa*. The specimen housed at the MLP is from Argentina, Misiones province and is labeled as “cum typus

comparat".

18. *Chrysobothris desmaresti* Laporte & Gory, 1836

1836. Laporte & Gory. Histoire naturelle et iconografie des insectes coléoptères, vol 1, 34.

Remarks: The original publication indicates that the type is from Brazil. The specimen housed at the MLP is from Argentina, Córdoba and is labeled as "cum typus comparat".

19. *Chrysobothris holochalcea* Burmeister, 1872

1872. Burmeister. Entomologische Zeitung, 33(10-12), 380.

Remarks: The original publication indicates that the type is from Buenos Aires, Argentina. The two specimens housed at the MLP are from Argentina and Córdoba, and they are labeled as "cum typus comparat".

20. *Chrysobothris laticollis* Burmeister, 1872

1872. Burmeister. Entomologische Zeitung, 33(10-12), 379.

Remarks: The original publication indicates that the type is from Buenos Aires. The specimen housed at the MLP is from Argentina, Misiones province, and is labeled as "cum typus comparat".

21. *Chrysobothris richteri* Obenberger, 1928

1928. Obenberger. Archiv für Naturgeschichte, 92A (11), 295.

Remarks: the original publication indicates that the type is from Argentina. The specimen housed at the MLP is from Argentina, Mendoza and is labeled as "cum typus comparat".

22. *Curis bimaculata* Gory, 1841 [= *Paracuris bimaculata* (Gory, 1841)]

1841. Gory. Histoire naturelle et iconografie des insectes coléoptères, vol. 2-4, 298.

Remarks: the original publication indicates that the type is from Bolivia. The specimen housed at the MLP is from Argentina, Mendoza and is labeled as homeotype.

23. *Hylaeogena ogloblini* Obenberger, 1932

1932c. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 10, 129.

Remarks: The original publication indicates that the type is from Argentina, Santa Ana, Misiones, Dr. A. Ogloblin legit. The specimen housed at the MLP is from Argentina, Misiones, Santa María, Dto. de Concepción, Viana coll., and is labeled as metatype. It was collected after the description of the species.

24. *Leiopleura ogloblini* Obenberger, 1936

1936. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 14, 153.

Remarks: The original publication indicates that the type is from Argentina, Santa Ana, Loreto Misiones, Dr. A. Ogloblin legit. The specimen housed at the MLP is from Argentina, Misiones, Santa María, Dto. de Concepción, Viana coll., labeled as metatype. It was collected after the description of the species.

25. *Melanophila orientalis* Burmeister, 1872 [= *Eudiana orientalis* (Burmeister, 1872)]

1872. Burmeister. Entomologische Zeitung, 33(10-12), 373.

Remarks: The original publication indicates that the type is from Brazil. The specimen housed at the MLP is from Argentina, Córdoba, and is labeled as "cum typus comparat".

26. *Paragrilus aeneus* Obenberger, 1924

1924b. Obenberger. Archiv für Naturgeschichte, 90A (3), 152-153.

Remarks: The original publication indicates that the type is from Argentina, Santiago del Estero, La Banda. In the collection of the MLP there are two specimens, one from Buenos Aires, Isla Martín García, Viana coll., labeled as metatype, and another also from Buenos Aires, 18-2-1917, labeled as homeotype.

27. *Paragrilus argentinus* Obenberger, 1924

1924b. Obenberger. Archiv für Naturgeschichte, 90A (3), 145.

Remarks: The original publication indicates that the type is fromArgentina, Corrientes. In the collection of the MLP there is one specimen from Argentina, Misiones, Santa María, Dto. de Concepción, Viana coll., labeled as metatype. There are other six specimens without locality information, collected by Gebhardt and labeled as "cum typus comparat".

28. *Paragrilus argentinus cupreolus* Obenberger, 1924

1924b. Obenberger. Archiv für Naturgeschichte, 90A (3), 145.

Remarks: The original publication indicates that the type is from Paraguay. In the collection of the MLP there are two specimens from Argentina, Misiones, Dto. Concepción, Viana coll., labeled as metatypes. There are also four specimens without locality information, collected by Gebhart, labeled as "cum typus comparat", and one specimen with date of collection 2-1920.

29. *Psiloptera denticollis* Fairmaire, 1864 [= *Achardella denticollis* (Fairmaire, 1864)]

1864. Fairmaire. Annales de la Société entomologique de France, 4(4), 267.

Remarks: The original publication indicates that the type is from Argentina, Mendoza. The specimen housed at the MLP is from Catamarca and is labeled as homeotype.

30. *Taphrocerus joukli* Obenberger, 1924

1924c. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 2, 78-79.

Remarks: The original publication indicates that the type is from Argentina, Resistencia (this locality corresponds to Chaco province). The specimen housed at the MLP is from Buenos Aires, Isla Martín García, Viana coll. and is labeled as metatype.

31. *Taphrocerus rambouseki* Obenberger, 1924

1924c. Obenberger. Acta Entomologica Musaei Nationalis Pragae, 2, 77-78.

Remarks: The original publication indicates that the type is from Argentina, Pucapampa, and was donated to the author by Rambousek. The specimen housed at the MLP is from Buenos Aires, Tigre, Viana coll. and is labeled as metatype.

32. *Tetragonoschema aeneum* Kerremans, 1899

1899. Kerremans. Annales de la Société entomologique de Belgique, 43, 332.

Remarks: The original publication indicates that the type is from Brazil, Goyaz; Jatahy (Ch. Pujol). The specimen housed at the MLP is from Uruguay and is labeled as "cum typus comparat".

33. *Tetragonoschema argentiniense* Obenberger, 1915 [= *Tetragonoschema undatum* (Steinheil, 1874)]

1915. Obenberger. Coleopterologische Rundschau, 4, 82-83.

Remarks: The original publication indicates that the type is from Argentina, without any other information. The specimen housed at the MLP is from Argentina, Córdoba, Dto. El Sauce, Dto. Calamuchita, XII-1938, Viana coll. The date of collection is posterior to the description of the species and the label says metatype.

The synonym with *T. undatum* was established by Bilý (2012).

34. *Tetragonoschema medium* Obenberger, 1922 [= *Tetragonoschema nanum* Obenberger, 1922]

1922b. Obenberger. Entomologische Blätter, 18, 71.

Remarks: The original publication indicates that the type is from Paraguay, San Bernardino. The specimen housed at the MLP is from Argentina, Misiones, Dto. Concepción, Viana coll. and is labeled as metatype. The synonymy with *T. nanum* was established by Bilý (2012).

35. *Tetragonoschema nanum* Obenberger, 1922

1922b. Obenberger. Entomologische Blätter, 18, 71.

Remarks: The original publication indicates that the type is from Argentina, Córdoba province. The specimen housed at the MLP is from Argentina, Córdoba, Dto. El Sauce, Dto. Calamuchita, XII-193 8, Viana coll. The date of collection is posterior to the description of the species and the label says metatype.

36. *Tetragonoschema paraguayense* Obenberger, 1922 [= *Tetragonoschema aeneum* Kerremans, 1899]

1922b. Obenberger. Entomologische Blätter, 18, 70.

Remarks: The original publication indicates that the type is from Paraguay, San Bernardino. The specimen housed at the MLP is from Argentina, Buenos Aires, Isla Martín García, Viana coll. and is labeled as metatype. The synonymy with *T. aeneum* was established by Bilý (2012).

37. *Tylauchenia irrorata* Gory, 1840 [= *Ocypetes irroratus* (Gory, 1840)]

1840. Gory. Histoire naturelle et iconografie des insectes coléoptères, vol 2-4, 72.

Remarks: The type material comes from Argentina. The material housed at the MLP is from Argentina, Catamarca, XII-1927, La Ciénaga, Belén, Wolters coll. and is label as "cum typus comparat". The date of collection is posterior to the description of the species.

MISSING TYPES

Types of three species deposited in the MLP were not located are they are probably missing.

***Aphanisticus affinis* Kerremans, 1900**

1900. Kerremans. Memoires de la Societe Entomologique de Belgique, 7, 41-42.

Remarks: This species was described based on material from Sumatra. According to the records of the MLP there was one syntype from this location, currently missing.

***Taphrocerus micropilosus* Cobos, 1959**

1959. Cobos. Bulletin de l'Institut Royal Sciences Naturelles Belgique, 35(2), 34.

Remarks: This species was described based on a single female from Argentina, Entre Ríos, Concordia, Salto Grande, Rozenviag coll., wich is the holotype. In the collection of the MLP only remains the label with this information and the date, 20/07/1951.

***Tetragonoschema torresi* Cobos, 1959**

1959. Cobos. Bulletin de l'Institut Royal Sciences Naturelles Belgique, 35(2), 13.

Remarks: The collection of the MLP had the holotype and the allotype of this species, from Argentina, Patagonia, Lago Nahuel Huapi hasta Lago Posadas, C. Bruch legit. MLP 357/1-2. These specimens were sent for study to the Czech specialist Svatopluk Bilý in 2011, and were missing in the mail or in customs, on their way back to Argentina. A photograph of this type is included in Bilý (2012).

NOMINA NUDA

The following names were not found in the literature. They probably correspond to species not described or described with other species names.

***Achardella fritzi* Wollenweider**

Two specimens from Argentina, Río Negro, Cipolleti, 21-2-1960, labeled as paratypes.

***Dactylozodes conjuncta neuquensis* Cobos**

Two specimens labeled as holotype and allotype with the following data: holotype from Argentina, Neuquén, San Martín de los Andes, 15-11-1962, Gentili col.; allotype from Argentina, Neuquén, Río Aluminé, 27-12-1963, Schajovskoi coll.

***Dactylozodes dispar boliviensis* Cobos**

Two specimens labeled as paratypes with the following data: Argentina, Misiones, Santa María, Dto. Concepción, Viana coll., and Argentina Salta.

***Dactylozodes descarpentriesi* Cobos**

Three specimens labeled as paratypes with the following information: Uruguay, Cerro Largo, Melo, 25-11-1907; Uruguay, Cerro Largo, Cañada de los Burros; Uruguay Montevideo, 16-12-1924.

***Psiloptera ornata* Berg**

One specimen from Argentina, Mendoza, labeled as "cum typus comparat".

ACKNOWLEDGEMENTS

We thank the Buprestid specialist Svatopluk Bilý for his help with the valid names of the species; to the librarian Sonia Pirostky for helping us to locate the bibliography of the old authors; to Sonia Suárez and Jorge Salas for their technical support; and to the "Consejo Nacional de Investigaciones Científicas y Técnicas" (CONICET) and the "Universidad Nacional de La Plata", Argentina, for their financial support through grants PIP 0355, and 11/N763, respectively.

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