

The collection of type specimens belonging to the subfamilies Alleculinae, Diaperinae and Lagriinae (Coleoptera, Tenebrionidae) in the Natural Sciences Museum of Barcelona, Spain

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Viñolas, A., Caballero–López, B., Masó, G., 2018. The collection of type specimens belonging to the subfamilies Alleculinae, Diaperinae and Lagriinae (Coleoptera, Tenebrionidae) in the Natural Sciences Museum of Barcelona, Spain. *Arxius de Miscel·lània Zoològica*, 16: 20–39.

Abstract

The collection of type specimens belonging to the subfamilies Alleculinae, Diaperinae and Lagriinae (Coleoptera, Tenebrionidae) hosted in the Natural Sciences Museum of Barcelona, Spain. The type collection of the subfamilies Alleculinae, Diaperinae and Lagriinae (Coleoptera, Tenebrionidae) deposited in the Natural Sciences Museum of Barcelona, Spain, was organised, revised and documented. The collection contains 201 type specimens of 35 taxa. Of note is the number of samples from a subfamily described by Francesc Español, Maurice Antoine, and Zoltán Kaszab. In this paper, we report the information available for these type specimens and all taxa (species or subspecies). We give the following information: original and current taxonomic status, original citation of type material, the exact transcription of the original label, and the preservation condition of the specimen. We also discuss the differences between the original descriptions and labels. If a taxonomic change has occurred, the references describing those changes are included at the end of the description.

Key words: Collection type, Coleoptera, Tenebrionidae, Alleculinae, Diaperinae, Lagriinae, subfamilies, Taxonomic revision

Resumen

Colección de ejemplares tipo de las subfamilias Alleculinae, Diaperinae y Lagriinae (Coleoptera, Tenebrionidae) depositados en el Museo de Ciencias Naturales de Barcelona, España. Se ha organizado, revisado y documentado la colección de especímenes tipo de las subfamilias Alleculinae, Diaperinae y Lagriinae (Coleoptera, Tenebrionidae) depositados en el Museo de Ciencias Naturales de Barcelona. La colección está constituida por 201 ejemplares tipo, con un total de 35 taxones. Debe destacarse la presencia de un gran número de especies de una subfamilia descrita por Francesc Español, Maurice Antoine y Zoltán Kaszab. En este trabajo se facilita toda la información disponible relacionada con estos especímenes tipo y, para todos los taxones (especies o subespecies), se incluye la siguiente información: situación taxonómica original y actual, cita original del material tipo, transcripción exacta de las etiquetas originales y estado de conservación de los ejemplares. Además, se discuten las diferencias existentes entre la descripción original y la etiqueta. Cuando se han producido cambios taxonómicos en la especie, se incluye la bibliografía correspondiente en el apartado de referencias.

Palabras clave: Colección de tipos, Coleoptera, Tenebrionidae, Subfamilias Alleculinae, Diaperinae, Lagriinae, Revisión taxonómica

Resum

Col·lecció d'exemplars tipus de les subfamílies Alleculinae, Diaperinae i Lagriinae (Coleoptera, Tenebrionidae) dipositats al Museu de Ciències Naturals de Barcelona, Espanya. S'ha organitzat, revisat i documentat la col·lecció d'espècimens tipus de les subfamílies Alleculinae, Diaperinae i Lagriinae (Coleoptera, Tenebrionidae) dipositats al Museu de Ciències Naturals de Barcelona. La col·lecció està constituïda per 201 exemplars tipus, amb un total de 35 tàxons. Hi destaca la presència d'un gran nombre d'espècies d'una subfamília descrita per Francesc Español, Maurice Antoine y Zoltán Kaszab. En aquest treball es facilita tota la informació disponible relacionada amb aquests espècimens tipus i, per a tots els tàxons (espècies o subespècies), s'inclou la informació següent: la situació taxonòmica original i l'actual, la citació original del material tipus, la transcripció exacta de les etiquetes originals i l'estat de conservació dels exemplars. A més a més, es discuteixen les diferències existents entre la descripció original i l'etiqueta. Quan s'han produït canvis taxonòmics en l'espècie, s'inclou la bibliografia corresponent a l'apartat de referències.

Paraules clau: Col·lecció tipus, Coleoptera, Tenebrionidae, Subfamílies Alleculinae, Diaperinae, Lagriinae, Revisió taxonòmica

Received: 28/02/2018; Final acceptance: 01/03/2018

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Introduction

The arthropod collections in the Natural Sciences Museum of Barcelona (MCNB), Catalonia, Spain, house over 1.9 million specimens of arthropods, almost half of which are beetles (Coleoptera, Hexapoda). A decade ago we began to study the type specimens as part of an on-going effort to publish the types of all of the MCNB arthropod collection. The first collections to be revised were: Ptinidae (Coleoptera): 8,854 specimens and 498 taxa (Viñolas and Masó, 2013); Carabidae (Coleoptera), as follows: 431 specimens and 156 taxa (Viñolas and Masó, 2014); Dytiscidae, Histeridae, Hydraenidae and Staphylinidae (Coleoptera): 130 specimens and 66 taxa (Viñolas et al., 2014); and the superfamilies Scarabaeoidea, Buprestoidea, Byrrhoidea, Elateroidea, Cleroidea, Cucujoidea, Tenebrionoidea (except Tenebrionidae), Chrysomeloidea and Curculionoidea (Coleoptera): 533 specimens and 170 taxa (Viñolas et al., 2016); and Pimelinae (Tenebrionidae, Coleoptera): 438 specimens and 140 taxa (Viñolas et al., 2017a).

Here we discuss a sixth group, the subfamilies Lagriinae, Diaperinae and Alleculinae (Tenebrionidae), containing 201 specimens and 35 taxa. Due to the large number of taxa that the collection includes, the Tenebrionidae family was divided into subfamilies that will be discussed in this and future notes. The collection consists mainly of species described by specialists in this family, such as Maurice Antoine, Silvano Canzoneri, Francesc Español, Zoltán Kaszab, Carlo Koch, Hans Kulzer, Auguste Eugène Méquignon, Maurice Pic, and Manuel García de Viedma. The identification of further type specimens is the result of research carried out by Museum collaborators, including Pere Oromí and Amador Viñolas. Many older species had no designated holotype or lectotype and so, if not previously designated, a syntype was chosen. The depository museum or institution of the typical series has now been indicated.

The collection of the subfamilies Lagriinae, Diaperinae and Alleculinae (Tenebrionidae) was reorganised during this revision. Registration numbers were added to all dried specimens. The type specimens database was updated and soon will be available in GBIF.

Methodology

Each type specimen included in this revision is described using all available information regarding both its original and current taxonomic status. If a taxonomic change has occurred, a brief discussion is included. The references that discuss these changes are included in the bibliography. The systematics of Bouchard et al. (2011) are followed at suprageneric level and modern revisions have been consulted for each taxonomic group. The following information was examined and included for each taxon with type specimens in the Museum's collection:

- Original status: original taxonomic status.
- Present status: only if it has changed.
- Original type material citation: the literal transcription of the material type as stated in the original publication is shown in guillemets « ».
- Localities of type material in MCNB: localities of type specimens deposited in the collection with current toponym.
- Holotype depositary: the private or institutional collection in which the holotype is deposited, given in parentheses (—) if unknown.
- Type material contain the following details: register number, number of specimens (specified only if it is different from one), sex of each specimen, given in parentheses (—) if unknown; square brackets [] indicate the beginning and the end of the label, vertical bars are used to indicate the end of a line (|), a space is used between labels (| |) and a full stop between mounts (.). All the data on the label are quoted unless illegible ([?]). Additional information is added in parentheses: extracted aedeagus, separate abdomen, and comments about the preservation status of the specimen.
- Remarks: discrepancies between the original description and the specimen labels are mentioned herein. Other specific considerations may also be included.
- References: when a taxonomic change has occurred, the references that discuss these changes are listed.

Acronyms of institutional and private collections mentioned in the text

Institutional collections

- HNHM. Hungarian Natural History Museum, Budapest, Hungary
- MCSNM. Museo Civico di Storia Naturale di Milano, Italy
- MCSNT. Museo Civico di Storia Naturale di Trieste, Italy
- MCNB. Museu de Ciències Naturals de Barcelona, Spain
- MGF. Museum G. Frey, München, Germany
- MNCN. Museo Nacional de Ciencias Naturales de Madrid, Spain
- MNHN. Muséum National d'Histoire Naturelle, Paris, France
- MZB. (Museu de Zoologia de Barcelona) Museu de Ciències Naturals de Barcelona, Spain
- TM. Transvaal Museum, Pretoria, South Africa
- ZFMK. Zoologisches Forschungsmuseum Alexander Koenig, Bonn, Germany

Private collections

- PO. Pedro Oromí, Tenerife Island, Canary Islands, Spain

List of type specimens belonging to the subfamilies Alleculinae, Diaperinae and Lagriinae (Coleoptera, Tenebrionidae) deposited in the Natural Sciences Museum of Barcelona

Family Tenebrionidae Latreille, 1802

Subfamily Lagriinae Latreille, 1825 (1820)

Tribe Belopini Reitter, 1917

Belopus (Belopus) elongatus sculus Canzoneri, 1977

Original status: *Belopus elongatus sculus* Canzoneri, 1977: 279.

Present status: *Belopus (Belopus) elongatus sculus* Canzoneri, 1977 (= *Belopus elongatus ecalcaratus* (Seidlitz, 1896))

Original type material citation: «Madonie: Gratteri, VI/59 (12 es.)

Agrigentino: S. Margherita Belice, III/62 (26 es.); Caltabellota, III/62 (3 es.); Montallegro, III/62 (2 es.); Agrigento, III/62 (6 es.)

Sicilia medio-or.: Borgo Cascino, III/62 (1 es.); Foce Simeto, VI/59 (1 es.)

Sicilia sud-or.: Siracusa, IV/61 (3 es.)»

Localities of type material in MCNB: «Italy: Sicily Island (Palermo)»

Holotype depositary: —

Type material:

Syntype MZB 71–0791, —. Labelled as: [Palermo | Sferraca vallo | X–1955 | Leg. Cris-tante] [PARATYPUS | *Belopus | elongatus* Herbst | *sculus* nov. | Det. Canzoneri S.] [Paratypus] [71–0791 | MZB]

Syntype MZB 71–0792, —. Labelled as: [Palermo | Sferraca vallo | X–1955 | Leg. Cris-tante] [PARATYPUS | *Belopus | elongatus* Herbst | *sculus* nov. | Det. Canzoneri S.] [Paratypus] [71–0792 | MZB]

Remarks: specimens not referenced in the original description. The syntypes were deposited at the MCNB after the original description.

References: Löbl et al., 2008 (present status).

Subfamily Diaperinae Latreille, 1802

Tribe Crypticini Brullé, 1832

Apteroseriscius espanoli Koch, 1950

Original status: *Pseudoseriscius (Apteroseriscius) espanoli* Koch, 1950: 65

Present status: *Apteroseriscius espanoli* Koch, 1950

Original type material citation: «Locality. — N. Little Namaqualand: Buffels River near Grootmist, 21 Nov., 1948, leg. University of California–Transvaal Museum Exped. (53 spec. holo–and allotype in Transvaal Museum, paratypes in T. M., B. C. M. and in Sc. Museum California Academy of Sciences); Soebatsfontein, 17 Nov., 1948, leg. Univ. Calif.–Transv. Museum Exped. (2 paratypes in Transvaal Museum)»

Localities of type material in MCNB: «South Africa: Groot Mist»

Holotype depositary: TM

Type material:

Paratype MZB 71–0853, —. Labelled as: [Buffels R. near | Grootmist C.P. | 21–XI–1948 | Koch & van Son] [PARA | TYPUS | *Pseudoseriscius | (Apteroseriscius) | Espanoli | 1950 C. Koch*] [71–0853 | MZB]

Paratype MZB 71–0854, —. Labelled as: [Buffels R. near | Grootmist C. P. | 21–XI–1948 | Koch & van Son] [PARA | TYPUS | *Pseudoseriscius | (Apteroseriscius) | Espanoli | 1950 C. Koch*] [71–0854 | MZB]

Remarks: the paratypes were deposited at the MCNB after the original description.

References: Koch, 1958 (present status).

Capicrypticus capensis Koch, 1950Original status: *Lamprocrypticus (Capicrypticus) capensis* Koch, 1950: 56Present status: *Capicrypticus capensis* Koch, 1950

Original type material citation: «Localities. — Cape Peninsula, slopes of the Table Mountain: Blinkwater Ravine, 5 Nov., 1949, leg. C. Koch, H. Andreae & B. Malkin (10 spec., holo—and allotype in Transvaal Museum, paratypes in T. M., B. C. M. and Sc. Museum California Academy of Sciences); Sea Point, near to the coast, 20 Oct., 1949, leg. H. Husserl (1 paratypes in Transvaal Museum); Lion's Head, 11–13 July, 1920, leg. R. F. Turner (2 paratypes in Transvaal Museum); Cape Town, 1 Oct., 1950, leg. Mrs. K. M. Dickson (2 paratypes in T. M.); Cape Town, Aug., 1887 (16 paratypes in Sout African Museum); Somerset West, Nov. to Feb., 1927, leg. A. J. Hesse (8 paratypes in South African Museum)»

Localities of type material in MCNB: «South Africa: KwaZulu–Natal (Blinkwater)»

Holotype depositary: TM

Type material:

Paratype MZB 72–9785, —. Labelled as: [Blinkwater, Table | Mount. 5.XI.1949 | C. Koch & Andreae] [PARA | TYPUS | Lamprocrypticus | (Capicrypticus) | capensis | 1950 C. KOCH] [72–9785 | MZB]

Remarks: the paratype was deposited at the MCNB after the original description.

References: Koch, 1958 (present status).

Crypticus (Crypticopsis) meridionalis validus Español, 1963Original status: *Crypticus (Crypticopsis) meridionalis validus* Español, 1963a: 382

Original type material citation: «Tantan y O. Namoussa, misión Tarfaia, Sáhara occidental marroquí, IV–1961, Rungs leg.»

Localities of type material in MCNB: «Morocco: Tan–Tan»

Holotype depositary: —

Type material:

Syntype MZB 71–0835, —. Labelled as: [Tantan] [Mission Tarfaia | Sahara occ. mar. | RUNGS leg. 4–61] [Crypticus | meridionalis | ssp. validus | nov. | F. Español det.] [Paratypus] [71–0835 | MZB]

Crypticus (Crypticus) aksuensis Español, 1955Original status: *Crypticus (Crypticus) zuberi aksuensis* Español, 1955b: 14Present status: *Crypticus (Crypticus) aksuensis* Español, 1955

Original type material citation: «... en los del desierto de Aksu (Turquestán oriental) y juzgar por un ♂ examinado,...»

Localities of type material in MCNB: «People's Republic of China: Aksu desert»

Lectotype depositary: MCNB

Type material:

Lectotype MZB 72–9995, ♂. Labelled as: [Ost. Turkest. | Aksu – Wüste] [Crypticus | zuberi | Mars. | Schust. det.] [33 – Edeagus | perdido ?] [Crypticus | zuberi ssp. | aksuensis | F. Español det.] [Typus] [72–9995 | MZB] (aedeagus missing)

Paralectotype MZB 72–9996, ♀. Labelled as: [Ost. Turkest. | Aksu – Wüste | COOL. F. HAUSER] [Zñber] [Crypticus | zuberi | Mars. | Schust. det.] [438] [Paratypus] [72–9996 | MZB]

References: Löbl et al., 2008 (present status); Viñolas et al., 2017b (lectotype designation).

Crypticus (Crypticus) antoinei Español, 1950Original status: *Crypticus (Crypticus) antoinei* Español, 1950: 144

Original type material citation: «Tipo, ♂, La Galera (Granada) (Escalera, en col. Inst. Español de Entomología). Paratipos, 12 ejemplares recogidos con el tipo (col. Inst. Esp. Entomología); 3 ejemplares de la misma procedencia (col. Vauloger)»

Localities of type material in MCNB: «Spain: Granada (Galera)»

Holotype depositary: MNCN

Type material:

Paratype MZB 72–9986, 2, —. Labelled as: [Galera | (Granada) | Escalera 1900] [C. (s.str.) | antoinei | n. sp. | Español] [Paratipo] [Col | Vauloger] [72–9986 | MZB]

Paratype MZB 72–9987, —. Labelled as: [Galera | (Granada) | Escalera 1900] [Paratipo] [72–9987 | MZB]

Crypticus (Crypticus) capsianus littoralis Español, 1950

Original status: *Crypticus (Crypticus) capsianus littoralis* Español, 1950: 141

Original type material citation: «Conozco material de esta forma de algunas localidades situadas en la zona litoral o sublitoral de Túnez: Kairouan (Normand), Sfax (colección Vauloger), Gabès (Alluud, en col. Inst. Esp. Entomología; colección Vauloger, Djerba (Normand, Bibans (Peyerimhoff))»

Localities of type material in MCNB: «Tunisia: Gabès and Bibans Mountain»

Lectotype depositary: MCNB

Type material:

Lectotype MZB 71–0793, ♂. Labelled as: [Tunisie 1895 | Gabès | de Vauloger] [Cr. | dactylispinus | Mars. | Alg.] [Col. | Vauloger] [Typus] [Crypt. capsianus | ssp. littoralis mihi | Español] [71–0793 | MZB] [Lectotype | Crypticus (Crypticus) | capsianus littoralis | Español, 1950 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

Paralectotype MZB 78–1843, ♂. Labelled as: [Bibans | Tunisie | mézid le] [Crypticus | capsianus Ant. | Peyerimhoff det.] [Paratipo] [Crypticus cap- | sianus ssp. | littoralis Esp. | F. Español det.] [78–1843 | MZB] [Paralectotype | Crypticus (Crypticus) | capsianus littoralis | Español, 1950 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

References: Viñolas et al., 2017b (lectotype designation).

Crypticus (Crypticus) fernandesi Español, 1954

Original status: *Crypticus fernandesi* Español, 1954: 105

Original type material citation: «Material examinado: Isla del Hierro: I. del Hierro (Instituto E. E., F.), Valverde (G.), El Golfo (M.), Sabinosa (G.), Ajere (Sánchez). Isla de la Gomera (Navarro), Bosque del Cedro (I. E. E.), Las Hayas, Nacidero (M.)»

Localities of type material in MCNB: «Spain: Canary Islands (El Hierro Island and La Gomera Island)»

Lectotype depositary: MCNB

Type material:

Lectotype MZB 72–9765, ♂. Labelled as: [I. Hierro | Fernández] [♂] [Typus] [Crypticus | fernandesi mihi | Español] [72–9765 | MZB] [Lectotype | Crypticus (Crypticus) | fernandesi Español, 1954 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

Paralectotype MZB 72–9766, ♂. Labelled as: [Hierro | Ajerre – 12 | XI–52 M. | Sanchez] [Paratypus] [72–9766 | MZB] [Paralectotype | Crypticus (Crypticus) | fernandesi Español, 1954 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

Paralectotype MZB 72–9767, 5, —. Labelled as: [I. Hierro – Val- | verde – 5–VIII–51 | P. Padrón leg.] [Paratypus] [72–9767 | MZB] [Paralectotype | Crypticus (Crypticus) | fernandesi Español, 1954 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 72–9768, 2, —. Labelled as: [Gomera | Chipudes | 22–VII–17] [72–9768 | MZB] [Paralectotype | Crypticus (Crypticus) | fernandesi Español, 1954 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 72–9769, —. Labelled as: [Hierro] [Paratypus] [72–9769 | MZB] [Paralectotype | Crypticus (Crypticus) | fernandezi Español, 1954 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 72–9770, ♀. Labelled as: [♀] [I. Hierro | Fernandez] [Paralectotype | Crypticus (Crypticus) | fernandezi Español, 1954 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] [Paratypus] [72–9770 | MZB]

Paralectotype MZB 72–9771, ♀. Labelled as: [Hierro | Sabinosa | VII–51 | P. Padron] [Paratypus] [72–9771 | MZB] [Paralectotype | Crypticus (Crypticus) | fernandezi Español, 1954 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (dorsally specimen glued)

Remarks: The village of Chipudes (La Gomera) is not mentioned in the original description. References: Viñolas et al., 2017b (lectotype designation).

***Crypticus (Crypticus) gomerensis* Oromí, 1978**

Original status: *Crypticus (Crypticus) gomerensis* Oromí, 1978: 105

Original type material citation: «– Holotipo: un individuo macho de El Jardín, Gomera, 12–8–77, (Oromí leg.). En la colección del autor

Alotipo: una hembra de igual localidad y fecha, en la misma colección

Paratipos: 1 ex. de El Jardín, Gomera, 12–8–77 (Oromí leg.) en el Museo de Zoología de Barcelona; 2 exx. de igual localidad y fecha en la colección de A. Machado; 1 exx. de igual localidad y fecha en la colección de M. Morales; 4 exx de igual localidad y fecha en el Museo Insular de Ciencias Naturales de Tenerife; 3 exx. de igual localidad y fecha en la colección del autor, y 1 exx. de El Cedro, 1–4–72, (Oromí leg.) también en esta colección»

Localities of type material in MCNB: «Spain: Canary Islands (Gomera Island)»

Holotype depositary: PO

Type material:

Paratype MZB 71–1332, —. Labelled as: [GOMERA | El Jardin | 12–8–1977 | P. Oromí] [Crypticus | gomerensis | mihi | Oromí det.] [Paratypus] [71–1332 | MZB]

***Crypticus (Crypticus) kochi* Español, 1950**

Original status: *Crypticus (Crypticus) kochi* Español, 1950: 146

Original type material citation: «Tipo, ♂, Quero (Toledo) (Bolívar, en col. Inst. Esp. Entomología). Paratipos: 10 ejemplares de la misma procedencia que el tipo (col. Inst. Esp. Entomología); 4 ejemplares, Vilacañas (Toledo) (C. Bolívar, en col. Inst. Esp. Entomología); 2 ejemplares, Alcázar de San Juan (Ciudad Real) (col. Mus. Barcelona); 1 ejemplar, Solana (Ciudad Real) (col. Mus. Barcelona)»

Localities of type material in MCNB: «Spain: Ciudad Real (Alcázar de San Juan, La Solana)»

Holotype depositary: MNCN

Type material:

Paratype MZB 72–9988, —. Labelled as: [C. Real | Alcazar S. Juan | Español leg.] [Paratipo] [C. (s.str.) | kochi n. sp. | Español] [72–9988 | MZB]

Paratype MZB 72–9989, —. Labelled as: [C. Real | Alcazar S. Juan | Español leg.] [Paratipo] [72–9989 | MZB]

Paratype MZB 72–9990, ♂. Labelled as: [Solana | Ciudad Real | col. Reitter] [72–9990 | MZB] (aedeagus glued on card pinned. Specimen missing).

***Crypticus (Crypticus) major gundaficus* Antoine, 1945**

Original status: *Crypticus (Crypticus) major gundaficus* Antoine, 1945: 266

Present status: *Crypticus (Crypticus) major gundaficus* Antoine, 1945 (= *Crypticus (Crypticus) arandai arandai* Escalera, 1914)

Original type material citation: «Cette race semble spéciale à la région du Tizi-n'Test ! (Schramm).»

Localities of type material in MCNB: «Morocco: Tizi n'Test»

Holotype depositary: —

Type material:

Syntype MZB 71–0774, —. Labelled as: [Tizi n'Test | 2000.IV.25 | Maroc (Antoine)] [Cotype] [s. sp. gundaficus | Antoine det. m.] [71–0774 | MZB]

References: Löbl et al., 2008 (present status).

Crypticus (Crypticus) pubens balearicus Español, 1950

Original status: *Crypticus (Crypticus) pubens balearicus* Español, 1950: 144

Original type material citation: «Islas Baleares: Islote Horadada, en el archipiélago de Cabrera (Ferrer Bravo, en col. Mus. Barcelona)»

Localities of type material in MCNB: «Spain: Balearic Islands (Na Foradada Islet)»

Lectotype depositary: MCNB

Type material:

Lectotype MZB 71–0828, ♂. Labelled as: [Arch Cabrera | I Horadada | VII 1935 | Ferrer Bravo] [Tipo] [C. (s.str.) pu_ | bens ssp. ba_ | learicus mihi | Español] [71–0828 | MZB] [Lectotype | *Crypticus (Crypticus) pubens balearicus* Español, 1950 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

Paralectotype MZB 71–0829, ♂. Labelled as: [Arch Cabrera | I Horadada | VII 1935 | Ferrer Bravo] [Paratipo] [71–0829 | MZB] [Paralectotype | *Crypticus (Crypticus) pubens balearicus* Español, 1950 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

Paralectotype MZB 71–0830, ♂. Labelled as: [29] [Arch Cabrera | I Horadada | VII 1935 | Ferrer Bravo] [Paratipo] [71–0830 | MZB] [Paralectotype | *Crypticus (Crypticus) pubens balearicus* Español, 1950 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

Paralectotype MZB 71–0831, ♂. Labelled as: [29] [Arch Cabrera | I Horadada | VII 1935 | Ferrer Bravo] [Paratipo] [71–0831 | MZB] [Paralectotype | *Crypticus (Crypticus) pubens balearicus* Español, 1950 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

Paralectotype MZB 71–0832, 2, —. Labelled as: [I Foradada | Baleares | Ferrer leg.] [Paratypus] [71–0832 | MZB] [Paralectotype | *Crypticus (Crypticus) pubens balearicus* Español, 1950 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 71–0833, —. Labelled as: [I Foradada | Baleares | Ferrer leg.] [Paratypus] [71–0833 | MZB] [Paralectotype | *Crypticus (Crypticus) pubens balearicus* Español, 1950 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 71–0834, —. Labelled as: [I Foradada | Baleares | Ferrer leg.] [Paratypus] [71–0834 | MZB] [Paralectotype | *Crypticus (Crypticus) pubens balearicus* Español, 1950 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

References: Viñolas et al., 2017b (lectotype designation).

Crypticus (Crypticus) rhaticus Antoine, 1945

Original status: *Crypticus (Crypticus) rhaticus* Antoine, 1945: 263

Original type material citation: «Localité.— Grand-Atlas central: Jbel Rhat!»

Localities of type material in MCNB: «Morocco: Jebel Rhat»

Holotype depositary: —

Type material:

Syntype MZB 71–0855, ♂. Labelled as: [G.A.: Dj. Rhat | Maroc (Antoine) | 2900–VIII–35] [Type] [rhaticus | Antoine det.] [71–0855 | MZB] (aedeagus glued on card, pinned underneath the specimen)

Crypticus (Crypticus) tachdirtensis Antoine, 1945

Original status: *Crypticus (Crypticus) tachdirtensis* Antoine, 1945: 263

Original type material citation: «Localité.— Localisé dans de massif du Likoumt, entre 2000 et 3000 m. et même au dessus Tizi-n'Tachdirt ! (Schramm), haut assif Azourei !, Tizi Likoumt !, Tizi Ouanoums (Schramm), lac d'Ifni !»

Localities of type material in MCNB: «Morocco: Tizi n'Tachdirt»

Holotype depositary: —

Type material:

Syntype MZB 71–0773, ♂. Labelled as: [Tizi n'Tachdirt | G. At. 3200.IV.25 | Maroc (Antoine)] [tachdirtensis m. | Antoine det.] [Cotipe] [71–0773 | MZB]

Crypticus (Platycrypticus) viaticus pardoï Español, 1952

Original status: *Crypticus (Platycrypticus) viaticus pardoï* Español, 1952: 120

Original type material citation: «Trois exemplaires capturés par mon ami Mr. A. Pardp Alcaide, éminent spécialiste de Méloïdes, aux environs d'Aldea del Rey, Ciudad Real (Espagne centrale)»

Localities of type material in MCNB: «Spain: Ciudad Real (Aldea del Rey)»

Lectotype depositary: MCNB

Type material:

Lectotype MZB 72–9997, ♂. Labelled as: [Aldea del Rey | C. Real | VIII–40 | Pardo leg.] [C. (Platycrypticus) | viaticus ssp. | pardoï mihi | Español] [Typus] [72–9997 | MZB] [Lectotype | *Crypticus (Crypticus) | viaticus pardoï* Español, 1952 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

Paralectotype MZB 71–0826, —. Labelled as: [Aldea del Rey | C. Real | VIII–40 | Pardo leg.] [Paratypus] [71–0826 | MZB] [Paralectotype | *Crypticus (Crypticus) | viaticus pardoï* Español, 1952 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 71–0827, ♀. Labelled as: [♀] [Aldea del Rey | C. Real | VIII–40 | Pardo leg.] [Paratypus] [71–0827 | MZB] [Paralectotype | *Crypticus (Crypticus) | viaticus pardoï* Español, 1952 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

References: Viñolas et al., 2017b (lectotype designation).

Gondwanocrypticus venezuelensis Español, 1961

Original status: *Gondwanocrypticus venezuelensis* Español, 1961: 242

Original type material citation: «Venezuela: Caracas. (Holo– y Paratypen Museo de Budapest, Paratypen col. Marcuzzi, col. Museo de Barcelona, col. de Museo de Caracas y col. Museo de Frey–Tutzing)»

Localities of type material in MCNB: «Venezuela: Caracas»

Holotype depositary: HHNM

Type material:

Paratype MZB 72–9991, ♂. Labelled as: [Venezuela | Caracas] [Crypticus | venezuelensis | det. Kaszab i. l.] [Crypt. (Gondw.) | venezuelensis | n. sp. | F. Español det.] [Paratipo] [72–9991 | MZB] (Aedeagus glued on card, pinned underneath the specimen)

Paratype MZB 72–9992, 1 ♂ and 1 ♀. Labelled as: [♀] [Caracas | III–37] [Crypt. (Gondw.) | venezuelensis | n. sp. | F. Español det.] [Paratipo] [72–9992 | MZB] (aedeagus glued on card, pinned underneath the specimen)

Paratype MZB 72–9993, 2, —. Labelled as: [Caracas | III–37] [Crypt. (Gondw.) | venezuelensis | n. sp. | F. Español det.] [Paratipo] [72–9993 | MZB]

Paratype MZB 72–9994, —. Labelled as: [Rancho Grande | F. do ARAGUA | Racenis 7.9.49] [1979] [Crypt. (Gondw.) | venezuelensis | n. sp. | F. Español det.] [Paratipo] [72–9994 | MZB]

Remarks: the Rancho Grande specimen is not referenced in the original description.

Lamprocrypticus baguenai Español, 1948

Original status: *Crypticus (Lamprocrypticus) baguenai* Español, 1948: 488

Present status: *Lamprocrypticus baguenai* Español, 1948

Original type material citation: «Distribución geográfica.— Endemismo ibérico propio de la zona media occidental de España, y concentrado, sobre todo, en la Sierra de Gredos: Sierra de Gredos (col. Instituto Español de Entomología), Valle de Iruelas, Gredos (id.), Navarredonda, Gredos (id.), Puerto del Pico, Gredos (id.). Avila (col. Vauloger y col. Museo Cien. Nat. Barcelona), Villarejo (Martínez Sáez), La Parra (Escalera)»

Localities of type material in MCNB: «Spain: Ávila»

Holotype depositary: —

Type material:

Syntype MZB 78–3034, ♂. Labelled as: [España | “unreadable”] [782 | Crypticus Kraatzii Bris. | S/X Diamont] [EX COL. | MARTORELL | I PEÑA] [España Central] [C. (Lamprocrypt.) | bagenai | Españ. | Español det.] [Paratypus] [78–3034 | MZB] (aedeagus glued on card, pinned underneath the specimen)

Syntype MZB 78–3035, ♂. Labelled as: [Avila | Espagne | Vauloger] [C. (Lamprocrypt.) | bagenai | Españ. | Español det.] [Paratypus] [78–3035 | MZB] (Aedeagus glued on card, pinned underneath the specimen)

Syntype MZB 78–3036, —. Labelled as: [C. Kraatzi | (Avila) | Espagne] [Cr. | Kraatzi Bris. | Hisp.] [Col. | Vauloger] [C. (Lamprocrypt.) | bagenai | Españ. | Español det.] [Paratypus] [78–3036 | MZB]

References: Koch, 1950 (present status).

Oochrotus unicolor espanoli Canzoneri, 1961

Original status: *Oochrotus unicolor espanoli* Canzoneri, 1961: 20

Present status: *Oochrotus unicolor espanoli* Canzoneri, 1961 (= *Oochrotus unicolor* Lucas, 1852)

Original type material citation: «Olotipo ♂ ed Allotipo di Tiana, prov. Barcellona, raccolti da Palan il 3/41 e conservati in collezione Español; 14 Paratipi di Tiana, Vi'onova Meia, Terragona, Vilabella, nelle collezioni Español e mia»

Localities of type material in MCNB: «Spain: Barcelona and Tarragona»

Holotype depositary: MCNB

Type material:

Holotype MZB 71–0766, ♂. Labelled as: [HOLOTYPUS ♂ | Oochrotus | unicolor | Españoli nov. | IV–60 | Det. Canzoneri S.] [Holotypus] [71–0766 | MZB] (aedeagus glued on card, pinned underneath the specimen)

Paratype MZB 71–0767, ♀. Labelled as: [ALLOTYPUS ♀ | Oochrotus | unicolor | Españoli nov. | IV–60 | Det. Canzoneri S.] [Allotypus] [71–0767 | MZB] (ovopositor glued on card, pinned underneath the specimen)

Paratype MZB 71–0768, —. Labelled as: [CATALONIA | Vilabella | Tarragona II 34 | Museu leg.] [Oochrotus | unicolor | Luc. | F. Español det. 1935] [PARATYPUS | Oochrotus | unicolor | Españoli nov. | IV–60 | Det. Canzoneri S.] [Paratypus] [71–0768 | MZB]

Paratype MZB 71–0769, 3, —. Labelled as: [Tiana | III–41 | Palau leg.] [Prov. | Barcelona] [PARATYPUS | Oochrotus | unicolor | Españoli nov. | IV–60 | Det. Canzoneri S.] [PARATYPUS | Oochrotus | unicolor | Españoli nov. | IV–60 | Det. Canzoneri S.] [PARATYPUS | Oochrotus | unicolor | Españoli nov. | IV–60 | Det. Canzoneri S.] [Paratypus] [71–0769 | MZB]

Paratype MZB 71–0770, 4, —. Labelled as: [Tiana | 25–III | Palau leg.] [Prov. | Barcelona] [PARATYPUS | Oochrotus | unicolor | Españoli nov. | IV–60 | Det. Canzoneri S.] [PARATYPUS | Oochrotus | unicolor | Españoli nov. | IV–60 | Det. Canzoneri S.] [PARATYPUS | Oochrotus | unicolor | Españoli nov. | IV–60 | Det. Canzoneri S.] [Paratypus] [71–0770 | MZB]

References: Löbl et al., 2008 (present status).

Oochrotus unicolor meridionalis Canzoneri, 1961

Original status: *Oochrotus unicolor meridionalis* Canzoneri, 1961: 19

Present status: *Oochrotus unicolor meridionalis* Canzoneri, 1961 (= *Oochrotus unicolor* Lucas, 1852)

Original type material citation: «Olitipo ♂ ed Allotipo di Algeciras nella collezione del Museo Civico di Storia Naturale di Milano

13 Paratipi di Algeciras, Granada e Torremolinos (Malaga) nelle collezioni: mia, Ardoin, Español, Museo di St. Nat. di Milano, Porta»

Localities of type material in MCNB: «Spain: Málaga (Torremolinos)»

Holotype depositary: MCSNM

Type material:

Paratype MZB 71–0771, 2, —. Labelled as: [Málaga | Torremolinos IV–47 | Cobos] [Oochrotus | unicolor | Luc. | Español det.] [PARATYPUS | Oochrotus | unicolor | meridionalis nov. | IV–60 | Det. Canzoneri S.] [PARATYPUS | Oochrotus | unicolor | meridionalis nov. | IV–60 | Det. Canzoneri S.] [Paratypus] [71–0771 | MZB]

Paratype MZB 71–0772, 2, —. Labelled as: [Torremolinos | Málaga (Hispania) | COBOS SANCHEZ] [PARATYPUS | Oochrotus | unicolor | meridionalis nov. | IV–60 | Det. Canzoneri S.] [PARATYPUS | Oochrotus | unicolor | meridionalis nov. | IV–60 | Det. Canzoneri S.] [Paratypus] [71–0772 | MZB]

References: Löbl et al., 2008 (present status).

Pseudoseriscius helvolus adriaticus Español, 1949

Original status: *Crypticus (Pseudoseriscius) helvolus adriaticus* Español, 1949: 208

Present status: *Pseudoseriscius helvolus adriaticus* Español, 1949

Original type material citation: «Italia: Porto San Giorgio, Marche (Straneo)»

Localities of type material in MCNB: «Albania: Durrës. Italy: Fermo (Porto San Giorgio)»

Lectotype depositary: MCNB

Type material:

Lectotype MZB 72–9774, ♂. Labelled as: [Porto S. Gio– | Straneo gio | Marche] [Crypticus | helvolus | Küst. | Straneo det.] [Pseudoseriscius | helvolus ssp. | adriaticus Españ. | Español det.] [Typus] [72–9774 | MZB] [Lectotype | Pseudoseriscius | helvolus | adriaticus Español, 1949 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

Paralectotype MZB 72–9775, —. Labelled as: [LIT. ADRIATICO | Porto S. Giorgio | Straneo 6.835] [6 | 00] [Paratypus] [72–9775 | MZB] [Paralectotype | Pseudoseriscius | helvolus | adriaticus Español, 1949 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 72–9776, —. Labelled as: [LIT. ADRIATICO | Porto S. Giorgio | Straneo 6.835] [Paratypus] [72–9776 | MZB] [Paralectotype | Pseudoseriscius | helvolus | adriaticus Español, 1949 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 72–9777, —. Labelled as: [LIT. ADRIATICO | Porto S. Giorgio | Straneo 6.835] [Paratypus] [72–9777 | MZB] [Paralectotype | Pseudoseriscius | helvolus | adriaticus Español, 1949 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 72–9778, —. Labelled as: [Durazzo. Alb. | Ravasini, Lona] [Paratypus] [72–9778 | MZB] [Paralectotype | Pseudoseriscius | helvolus | adriaticus Español, 1949 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 72–9779, —. Labelled as: [P.to S. Giorgio | Mazcha | Straneo] [Crypticus | helvolus Küst | det. ing. Straneo] [Paratypus] [72–9779 | MZB] [Paralectotype | Pseudoseriscius | helvolus | adriaticus Español, 1949 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 72–9780, ♂. Labelled as: [Durazzo. Alb. | Ravasini, Lona] [helvolus] [Pseudoseriscius | helvolus | Gridelli det.] [Paratypus] [72–9780 | MZB] [Paralecto-

type | *Pseudoseriscius* | *helvolus* | *adriaticus* Español, 1949 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017] (aedeagus glued on card, pinned underneath the specimen)

References: Koch, 1950 (present status).

***Pseudoseriscius ibicensis* Español, 1955**

Original status: *Pseudoseriscius ibicensis* Español, 1955a: 27

Original type material citation: «Numerosos ejemplares recogidos en las dunas de Torre Sal Rosa, enterrados al pie de diferentes plantas. Tipo y paratipos en el Museo de Ciencias Naturales de Barcelona»

Localities of type material in MCNB: «Spain: Balearic Islands (Eivissa)»

Holotype depository: MCNB

Type material:

Holotype MZB 78–1779, ♂. Labelled as: [Ibiza | Sa Cala Rossa | San Jordi 10 | IX–51 Español] [Typus] [Pseudos. | *ibicensis* | n. sp. | F. Español det.] [78–1779 | MZB] (aedeagus glued on card, pinned underneath the specimen)

Paratype MZB 72–9757, ♂. Labelled as: [Ibiza | Sa Cala Rossa | San Jordi 10 | IX–51 Español] [Typus] [Pseudos. | *ibicensis* | n. sp. | F. Español det.] [72–9757 | MZB] (aedeagus glued on card, pinned underneath the specimen)

Paratype MZB 72–9758, ♀. Labelled as: [Ibiza | Sa Cala Rossa | San Jordi 10 | IX–51 Español] [Typus] [Pseudos. | *ibicensis* | n. sp. | F. Español det.] [72–9758 | MZB]

Paratype MZB 72–9759, 2, —. Labelled as: [Ibiza | Sa Cala Rossa | San Jordi 10 | IX–51 Español] [Typus] [Pseudos. | *ibicensis* | n. sp. | F. Español det.] [72–9759 | MZB]

Paratype MZB 72–9760, 5, —. Labelled as: [Ibiza | Sa Cala Rossa | San Jordi 10 | IX–51 Español] [Typus] [Pseudos. | *ibicensis* | n. sp. | F. Español det.] [72–9760 | MZB]

Paratype MZB 72–9761, —. Labelled as: [Ibiza | Sa Cala Rossa | San Jordi 10 | IX–51 Español] [Typus] [Pseudos. | *ibicensis* | n. sp. | F. Español det.] [72–9761 | MZB] (pegado dorsalmente)

Paratype MZB 72–9762, 3, ♀. Labelled as: [Ibiza | Sa Cala Rossa | San Jordi 10 | IX–51 Español] [Typus] [Pseudos. | *ibicensis* | n. sp. | F. Español det.] [72–9762 | MZB]

Paratype MZB 72–9763, 5, —. Labelled as: [Ibiza | Sa Cala Rossa | San Jordi 10 | IX–51 Español] [Typus] [Pseudos. | *ibicensis* | n. sp. | F. Español det.] [72–9763 | MZB]

Paratype MZB 72–9764, 5, —. Labelled as: [Ibiza | Sa Cala Rossa | San Jordi 10 | IX–51 Español] [Typus] [Pseudos. | *ibicensis* | n. sp. | F. Español det.] [72–9764 | MZB]

Paratype MZB 78–1780, ♂. Labelled as: [Ibiza | Sa Cala Rossa | San Jordi 10 | IX–51 Español] [Typus] [Pseudos. | *ibicensis* | n. sp. | F. Español det.] [78–1780 | MZB] (aedeagus glued on card, pinned underneath the specimen)

***Pseudoseriscius gridellii* Español, 1949**

Original status: *Crypticus* (*Pseudoseriscius*) *gridellii* Español, 1949: 211

Present status: *Pseudoseriscius gridellii* Español, 1949

Original type material citation: «Conozco de esta especie una corta serie de ejemplares procedentes de Derna, Cirenaica (Krüger leg.), amablemente comunicados por el doctor E. Gridelli, insigne coleopterólogo italiano y Director del Museo Civico de Historia Natural de Trieste, a quien me complace en dedicarla.»

Localities of type material in MCNB: «Libya: Derna»

Holotype depository: MCSNT

Type material:

Paratype MZB 72–9772, —. Labelled as: [Derna | Geo. C. Krüger] [Cyrenaica | R. U. A. Agrario] [Paratypus] [C. (*Pseudoseris-* | *cius*) *gridellii* | Españ. | Español det.] [72–9772 | MZB]

Paratype MZB 72–9773, ♂. Labelled as: [Derna | Geo. C. Krüger] [Cyrenaica | R. U. A.

Agrario] [murinus] [Paratypus] [72–9773 | MZB] (aedeagus glued on card, pinned underneath the specimen)

References: Koch, 1950 (present status).

Pseudoseriscius normandi normandi Español, 1949

Original status: *Crypticus* (*Pseudoseriscius*) *normandi* Español, 1949: 209

Present status: *Pseudoseriscius normandi normandi* Español, 1949

Original type material citation: «»Tipo, Radès, Túnez (Normand)

Localities of type material in MCNB: «Tunisia: Radès»

Holotype depositary: MCNB

Type material:

Holotype MZB 72–9781, ♂. Labelled as: [♂] [T. Radès | Normand] [C. (Seriscius) | normandi | Españ. | Español det.] [Typus] [Pseuseriscius | normandi Españ. | Español det.] [72–9781 | MZB] (aedeagus glued on card, pinned underneath the specimen)

Paratype MZB 72–9782, —. Labelled as: [T. Radès | Normand] [C. (Seriscius) | normandi | Españ. | Español det.] [Paratypus] [72–9782 | MZB]

Paratype MZB 78–1842, —. Labelled as: [T. Radès | Dr. Normand] [helvolus] [Cr. | helvolus | Küst. | det. C. Koch] [C. (Seriscius) | normandi | Españ. | Español det.] [Paratypus] [78–1842 | MZB]

References: Koch, 1950 (present status).

Pseudoseriscius munyози Viñolas, 1977

Original status: *Pseudoseriscius munyози* Viñolas, 1977: 97

Original type material citation: «Holotipus: 1 ♂, Ensenada de la Media/, /Luna. Cabo de Gata./, /Almería. 25.VIII.1991./, /J. Muñoz leg. Dipositat al Museu de Zoologia de Barcelona

Paratipus: 7 ♂ i 9 ♀, Ensenada de la Media/, /Luna. Cabo de Gata./, /Almería. 25.VIII.1991./, /J. Muñoz leg. 2 ♂ i 4 ♀, Ensenada de la Media/, /Luna. Cabo de Gata./, /Almería. 22.VIII.1996./, /J. Muñoz leg. 4 ♂ i 5 ♀, Salinas del Cabo de Gata./, /Cabo de Gata. Almería./, /19.VIII.1996./, /J. Muñoz leg. Dipositats al Museu de Zoologia de Barcelona i a les col·leccions de J. Muñoz i A. Viñolas»

Localities of type material in MCNB: «Spain: Almería (Cabo de Gata)»

Holotype depositary: MCNB

Type material:

Holotype MZB 98–1518, ♂. Labelled as: [Ensenada de la Madia | Luna, Cabo de Gata, | Almería, 25.VIII.91 | J. Muñoz leg.] [HOLOTYPUS | Pseudoseriscius | munyози sp. n. | A. Viñolas det. 1997] [98–1518 | MZB] (abdomen and aedeagus glued on card, pinned underneath the specimen)

Paratype MZB 72–9756, ♂. Labelled as: [Ensenada de la Madia | Luna, Cabo de Gata, | Almería, 25.VIII.91 | J. Muñoz leg.] [PARATYPUS | Pseudoseriscius | munyози sp. n. | A. Viñolas det. 1997] [72–9756 | MZB] (abdomen and aedeagus glued on card)

Paratype MZB 78–1784, ♀. Labelled as: [Ensenada de la Madia | Luna, Cabo de Gata, | Almería, 25.VIII.91 | J. Muñoz leg.] [PARATYPUS | Pseudoseriscius | munyози sp. n. | A. Viñolas det. 1997] [78–1784 | MZB] (abdomen glued on card)

Paratype MZB 78–1785, ♂. Labelled as: [Ensenada de la Madia | Luna, Cabo de Gata, | Almería, 25.VIII.91 | J. Muñoz leg.] [PARATYPUS | Pseudoseriscius | munyози sp. n. | A. Viñolas det. 1997] [78–1785 | MZB] (abdomen and aedeagus glued on card, pinned underneath the specimen)

Paratype MZB 78–1786, —. Labelled as: [Ensenada de la Madia | Luna, Cabo de Gata, | Almería, 25.VIII.91 | J. Muñoz leg.] [PARATYPUS | Pseudoseriscius | munyози sp. n. | A. Viñolas det. 1997] [78–1786 | MZB]

Tribe Diaperini Latreille, 1802

Diaperis boleti* var. *fagniezi Méquignon, 1947

Original status: *Diaperis boleti* var. *fagniezi* Méquignon, 1947: 60

Presente status: *Diaperis boleti* var. *fagniezi* Méquignon, 1947 (= *Diaperis boleti boleti* (Linnaeus, 1758))

Original type material citation: «Vaucluse : La Bonde, 2 ind. parmi beaucoup d'autres de coloration normale, septembre (Ch. Fagniez)»

Localities of type material in MCNB: «France: La Bonde»

Locotype depositary: —

Type material:

Syntype MZB 71–0776, —. Labelled as: [La Bonde | Vor IC Fagniez] [Type] [Boleti var. | Fagniezi | Méquignon] [71–0776 | MZB]

References: Löbl et al., 2008 (present status).

Ceropria villiersi Ardoin, 1958

Original status: *Ceropria villiersi* Ardoin, 1958: 22

Original type material citation: «Répartition. — Holo– et alltype : ♂ et ♀, N'Kongsamba, Cameroun, mai 1957, récoltés par M. Cantaloube. Déposés au Muséum national, Paris.

Paratypes : 17 exemplaires, ♂ et ♀, même provenance»

Localities of type material in MCNB: «Cameroon: Nkongsamba»

Holotype depositary: MNHN

Type material:

Paratype MZB 71–0795, —. Labelled as: [♂] [Mai 57 | N'Kongsamba | CAMEROUN | J. Cantaloube] [PARATYPE] [Ceropria | villiersi | Ard. | P. Ardoin det. 57] [71–0795 | MZB]

Paratype MZB 71–1331, —. Labelled as: [♀] [Mai 57 | N'Kongsamba | CAMEROUN | J. Cantaloube] [PARATYPE] [71–1331 | MZB]

Remarks: the paratypes were deposited at the MCNB after the original description.

Tribe Leiochrinini Lewis, 1894

Derispia klapperichiana Kaszab, 1954

Original status: *Derispia klapperichiana* Kaszab, 1954: 253

Original type material citation: «153 Exemplare aus *Fukien* : Kuatun, 11.I; 6., 7., 21. III; 10., 27. IV.; 2., 18., 24. V; 16. VI; 18., 19. VII. 1938, leg. J. Klapperich (Holo– und Paratypen) in der Sammlung des Museums »Alexander Koenig« in Boon; weiters Kuatun, 7. IV; 10. VI; 1., 18. VIII. 1946, leg. Tschung Sen (Paratypen) in der Privatsammlung des Herrn J. Klapperich in Bonn und ausserdem noch 1 Exemplar aus *China*: Ningpo, 1870, leg. J. Xántus (Paratypus) in der Sammlung des Ungarischen Naturwissenschaftlichen Museums in Budapest, welches ich früher als *D. maculipennis* Mars. bestimmte»

Localities of type material in MCNB: «People's Republic of China: Fujian (Kuatun)»

Holotype depositary: ZFMK

Type material:

Paratype MZB 71–0777, —. Labelled as: [Kuatun (2300 m) 27.40n. Br. | 117.40o. L. Klapperich | 16. 6. 1938 (Fukien)] [Paratypus | Derispia | klapperichiana | Kaszab] [71–0777 | MZB]

Paratype MZB 71–0778, —. Labelled as: [Kuatun (2300 m) 27.40n. Br. | 117.40o. L. Klapperich | 18. 5. 1938 (Fukien)] [Paratypus | Derispia | klapperichiana | Kaszab] [71–0778 | MZB]

Paratype MZB 71–0779, —. Labelled as: [Kuatun (2300 m) 27.40n. Br. | 117.40o. L. Klapperich | 6. 3. 1938 (Fukien)] [Paratypus | Derispia | klapperichiana | Kaszab]

[71–0779 | MZB]

Paratype MZB 71–0780, —. Labelled as: [Kuatun (2300 m) 27.40n. Br. | 117.40o. L. Klapperich | 6. 3. 1938 (Fukien)] [Paratypus | *Derispia* | *klapperichiana* | Kaszab] [71–0780 | MZB]

Remarks: the paratypes were deposited at the MCNB after the original description.

Derispia tricolor Kaszab, 1942

Original status: *Derispia tricolor* Kaszab, 1942: 216

Original type material citation: «Ein Weibchen aus Fukien: Kuatun, 2300 m, 27,40° n. Br., 117,40° ö. L. am 23. I. 1938, leg. J. Klapperich

...

Typus befindet sich in der Sammlung des Reichsmuseums Alexander Koenig in Bonn»

Localities of type material in MCNB: «People's Republic of China: Fujian (Kuatun)»

Holotype depository: ZFMK

Type material:

Paratype MZB 71–0781, —. Labelled as: [Kuatun (2300 m) 27,40n. Br | 117,40o. L. Klapperich | 23. 1. 1938 (Fukien)] [*Derispia* | *tricolor* | Kasz. | det. Kaszab] [Paratypoid] [71–0781 | MZB]

Paratype MZB 71–0782, —. Labelled as: [Kuatun (2300 m) 27,40n. Br | 117,40o. L. Klapperich | 23. 1. 1938 (Fukien)] [*Derispia* | *tricolor* | Kasz. | det. Kaszab] [Paratypoid] [71–0782 | MZB]

Paratype MZB 71–0783, —. Labelled as: [Kuatun (2300 m) 27,40n. Br | 117,40o. L. Klapperich | 23. 1. 1938 (Fukien)] [*Derispia* | *tricolor* | Kasz. | det. Kaszab] [Paratypoid] [71–0783 | MZB]

Paratype MZB 71–0784, —. Labelled as: [Kuatun (2300 m) 27,40n. Br | 117,40o. L. Klapperich | 23. 1. 1938 (Fukien)] [*Derispia* | *tricolor* | Kasz. | det. Kaszab] [Paratypoid] [71–0784 | MZB]

Remarks: the paratypes were deposited at the MCNB after the original description.

Derispiola unicornis Kaszab, 1946

Original status: *Derispiola unicornis* Kaszab, 1946: 116

Original type material citation: «China, Tonkin»

Localities of type material in MCNB: «People's Republic of China: Fujian (Kuatun)»

Holotype depository: MGF

Type material:

Paratype MZB 71–0785, —. Labelled as: [Kuatun (2300 m) 27,40n. Br | 117,40o. L. Klapperich | 13. 1. 1938 (Fukien)] [*Derispiola* | *unicornis* | Kasz. | det. Kaszab] [Paratypoid] [71–0785 | MZB]

Paratype MZB 71–0786, —. Labelled as: [Kuatun (2300 m) 27,40n. Br | 117,40o. L. Klapperich | 13. 1. 1938 (Fukien)] [*Derispiola* | *unicornis* | Kasz. | det. Kaszab] [Paratypoid] [71–0786 | MZB]

Paratype MZB 71–0787, —. Labelled as: [Kuatun (2300 m) 27,40n. Br | 117,40o. L. Klapperich | 13. 1. 1938 (Fukien)] [*Derispiola* | *unicornis* | Kasz. | det. Kaszab] [Paratypoid] [71–0787 | MZB]

Paratype MZB 71–0788, —. Labelled as: [Kuatun (2300 m) 27,40n. Br | 117,40o. L. Klapperich | 13. 1. 1938 (Fukien)] [*Derispiola* | *unicornis* | Kasz. | det. Kaszab] [Paratypoid] [71–0788 | MZB]

Remarks: the paratypes were deposited at the MCNB after the original description.

Tribe Phaleriini Blanchard, 1845***Atahualpina peruviana*** Español, 1960

Original status: *Atahualpina peruviana* Español, 1960: 116

Presente status: *Atahualpina peruviana* Español, 1960 (= *Phaleria subparalella* Chevrolat, 1878)

Original type material citation: «Holotipo, ♂: Perú, Lima, playa, VIII–39 (P. Vaquero) Alotipo, ♀ adelfotípica. Paratipos: Perú, San Bartolo, 52 km al sur de Lima, X–53 (W. Weyrauch); Perú, Lima, 30–VIII–53 (W. Weyrauch); ídem VIII–39 (P. Vaquero), diferentes ejemplares

Holotipo, alotipo y paratipos en el Museo de Zoología de Barcelona»

Localities of type material in MCNB: «Peru: Lima and San Bartolo»

Holotype depositary: MCNB

Type material:

Holotype MZB 71–0836, ♂. Labelled as: [Perú. Lima | playa – VIII 39 | P. Vaquero] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Holotypus] [71–0836 | MZB]

Paratype MZB 71–0789, 6, —. Labelled as: [Perú | Lima | 30–VIII–50 | Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0789 | MZB]

Paratype MZB 71–0790, 2, —. Labelled as: [Perú – Lima | playa – VIII–39 | P. Vaquero leg.] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0790 | MZB]

Paratype MZB 71–0837, 5, —. Labelled as: [Perú. Lima | playa – VIII 39 | P. Vaquero] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0837 | MZB]

Paratype MZB 71–0838, ♀. Labelled as: [Perú. Lima | playa – VIII 39 | P. Vaquero] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Allotypus] [71–0838 | MZB]

Paratype MZB 71–0839, 5, —. Labelled as: [Perú. Lima | 30–VIII–53 | Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0839 | MZB]

Paratype MZB 71–0840, ♀. Labelled as: [Perú | San Bartolo | 52 km al sur | de Lima X–53 | W. Weyrauch] [♀] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0840 | MZB] (dorsally glued specimen)

Paratype MZB 71–0841, 8, —. Labelled as: [Perú. Lima | 30–VIII–53 | Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0841 | MZB]

Paratype MZB 71–0842, 6, —. Labelled as: [Perú. Lima | 30–VIII–53 | Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0842 | MZB]

Paratype MZB 71–0843, 7, —. Labelled as: [Perú. Lima | 30–VIII–53 | Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0843 | MZB]

Paratype MZB 71–0844, 4, —. Labelled as: [Perú. Lima | 30–VIII–53 | Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0844 | MZB]

Paratype MZB 71–0845, 6, —. Labelled as: [Perú. Lima | 30–VIII–53 | Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0845 | MZB]

Paratype MZB 71–0846, 4, —. Labelled as: [Perú. Lima | 30–VIII–53 | Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0846 | MZB]

Paratype MZB 71–0847, 6, —. Labelled as: [Perú. Lima | 30–VIII–53 | Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0847 | MZB]

Paratype MZB 71–0848, ♂. Labelled as: [Perú. Lima | 30–VIII–53 | Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0848 | MZB] (aedeagus glued on card, pinned underneath the specimen)

Paratype MZB 71–0849, ♀. Labelled as: [Perú | San Bartolo | 52 km al sur | de Lima X–53 | W. Weyrauch] [♀] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0849 | MZB] (dorsally glued specimen)

Paratype MZB 71–0850, —. Labelled as: [Perú | Lima | Vaquero] [Atahualpina | peruviana

| nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0850 | MZB]
 Paratype MZB 71–0851, —. Labelled as: [Perú | San Bartolo | 52 km al sur | de Lima X–53 | W. Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0851 | MZB] (Dorsally glued specimen)
 Paratype MZB 71–0852, —. Labelled as: [Perú | San Bartolo | 52 km sur Lima | 12–X–53 | W. Weyrauch] [Atahualpina | peruviana | nov. gen. n. sp. | F. Español det.] [Paratypus] [71–0852 | MZB]
 References: Triplehorn, 1991 (present status).

***Phaleria (Neophaleria) ardoini* Español, 1963**

Original status: *Phaleria (Neophaleria) ardoini* Español, 1963b: 77
 Original type material citation: «Tipo, ♂, Angola, Playa Lobito, 25–XII–1959, Dr. V. Allard (Muséum National d'Histoire Naturelle, Paris)
 Paratipos, Angola, Playa Lobito, 25–XII–1959, Dr. V. Allard, 13 ejemplares (col. Ardoin, col. Museo Zoología Barcelona); Senegal, Malíka, VII–1946, A. Villiers, 15 ejemplares (11 ejempl. col. Ifan, y 4 ejempl. col. Ardoin y col. Museo Zoología Barcelona); Playa Joal, 30–III–1959, Lamotte, 3 ejemplares (2 ejempl. col. Ifan, 1 ejempl. col. Ardoin)»
 Localities of type material in MCNB: «Cameroon: Cap Cameroon. Senegal: Malika. Angola: Lobito Beach»
 Holotype depositary: MNHN
 Type material:
 Paratype MZB 72–9981, ♂. Labelled as: [Fev. 1959 | Cap Cameroun | Cameroun | J. Mouchet] [Phaleria | senegalensis | Chevr. | Ardoin det.] [♂] [org. cop.] [Paratypus] [Ph. (Neophaleria) | ardoini | n. sp. | F. Español det.] [72–9981 | MZB] (Dorsally glued specimen. Aedeagus prepared as microscopic slide)
 Paratype MZB 72–9982, —. Labelled as: [Malika | Senegal | A. Villier] [Ph. (Neophaleria) | ardoini imma– | culata nov. | F. Español det.] [Paratypus] [72–9982 | MZB]
 Paratype MZB 72–9983, —. Labelled as: [Malika | Senegal | A. Villier] [Epiphaleria | senegalensis | Chevrolat | P. Ardoin det. 1962] [Ph. (Neophaleria) | ardoini imma– | culata nov. | F. Español det.] [Paratypus] [72–9983 | MZB]
 Paratype MZB 72–9984, ♂. Labelled as: [Playa Lobito | Angola | Dr. V. Allard réc.] [♂] [Epiphaleria | senegalensis | Chevrolat | P. Ardoin det. 1962] [org. cop. ♂] [Paratypus] [Ph. (Neophaleria) | ardoini | n. sp. | F. Español det.] [72–9984 | MZB] (aedeagus prepared as microscopic slide)
 Paratype MZB 72–9985, ♀. Labelled as: [Playa Lobito | Angola | Dr. V. Allard réc.] [♀] [Paratypus] [Ph. (Neophaleria) | ardoini | n. sp. | F. Español det.] [72–9985 | MZB]

***Phaleria (Phaleria) cadaverina maroccana* Pic, 1923**

Original status: *Phaleria maroccana* Pic, 1923: 3
 Present status: *Phaleria (Phaleria) cadaverina maroccana* Pic, 1923
 Original type material citation: «Maroc: Guercif (coll. Georgel et Pic)»
 Localities of type material in MCNB: «Morocco: Casablanca»
 Syntype depositary: —
 Type material:
 Syntype MZB 71–0775, 3, —. Labelled as: [Casablanca | Maroc] [11] [Phaleria | maroccana | n.m.] [3 Types] [marocc– | ana | Pic | TYPES] [71–0775 | MZB]
 Remarks: Guercif unlikely location. Syntype deposited in the MCNB is from Casablanca.
 References: Löbl et al., 2008 (present status).

***Phaleria (Phaleria) maculata* (Kulzer, 1959)**

Original status: *Phalerisida maculata* Kulzer, 1959: 564
 Present status: *Phaleria (Phaleria) maculata* (Kulzer, 1959)

Original type material citation: «Patria: 7 Stück, La Serena, Chile, ex coll. Gebien in coll. Frey, Holo- und Paratypen; 4 Stück, Guayacan, Chile, Paratypen in coll. Frey; – in Anzahl Prov. Santiago las Brisas, Valparaiso, Coast, leg. L. Peña, Paratypen in coll. Transvaal Museum; – in Anzahl, Cartagena, Santiago, 31.I.1929, coll. Reed in coll. Calif. Acad. San. Francisco; – in Anzahl Beachat la Serena, Chile, 16.XII.1950, leg. Ross and Michelbacher, Paratypen in Calif. Acad. San Francisco»

Localities of type material in MCNB: «Chile: Coquimbo (La Serena)»

Holotype depositary: MGF

Type material:

Paratype MZB 71–1333, —. Labelled as: [Ross and | Michelbacher | Collectors] [Under kelp. | Concon, Acon. | CHILE. XII–16–50] [PARATYPUS | Phalerisida | maculata | m. | H. Kulzer 1959] [71–1333 | MZB]

Remarks: the paratype was deposited at the MCNB after the original description.

References: Triplehorn, 1991 (present status).

***Phaleria (Phaleria) pujeti* Español, 1951**

Original status: *Phaleria pujeti* Español, 1951: 27

Original type material citation: «Ibiza: playa de Son Arenal de Portinaitx, San Juan, bajo los detritus arrojados por el mar (Español)»

Localities of type material in MCNB: «Spain: Balearic Islands (Eivissa Island)»

Lectotype depositary: MCNB

Type material:

Lectotype MZB 72–9783, ♂. Labelled as: [Ibiza | St. Juan | Cala Portinaitx | IV–50 | Español leg.] [Phaleria | pujeti n. sp. | Español] [Org. cop. ♂] [Typus] [72–9783 | MZB] [Lectotype | Phaleria] pujeti Español, 1951 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 72–9784, 2, —. Labelled as: [Ibiza | Cala Portinaitx | St. Juan IV–50 | Español leg.] [Paratypus] [Phaleria | pujeti n. sp. | F. Español det.] [72–9784 | MZB] [Paralectotype | Phaleria] pujeti Español, 1951 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Paralectotype MZB 78–0845, —. Labelled as: [Ibiza | St. Juan | Cala Portinaitx | IV–50 | Español leg.] [Paratypus] [Phaleria | pujeti n. sp. | Español] [78–0845 | MZB] [Paralectotype | Phaleria] pujeti Español, 1951 | A. Viñolas, G. Masó & | B. Caballero–López Desig. 2017]

Subfamily Alleculinae Laporte, 1840

Tribe Cteniopodini Solier, 1835

***Proctenius gaditanus gaditanus* Viedma, 1959**

Original status: *Proctenius gaditanus* Viedma, 1959: 264

Original type material citation: «Localidades.—Grazalema (Cádiz); La Nava (Málaga): Córdoba»

Localities of type material in MCNB: «Spain: Cádiz (Grazalema)»

Syntype depositary: —

Type material:

Syntype MZB 78–0431, —. Labelled as: [Grazalema | (Cádiz) | VI.1903 Escalera] [Paratipo] [Proctenius | gaditanus Esc. in litt. | n. sp. | G. de V. det.] [78–0431 | MZB]

Acknowledgements

Many thanks for the help and financial support provided in the review and reorganization of the collection of type specimens to: Anna Omedes, Director of the Natural Sciences Museum of Barcelona; Dacha Atienza, Collection Head and Research; Eulàlia Garcia Franquesa, Head Curator; and Montserrat Navarro and Emma Asensio for their help in the bibliographic search. We also owe many thanks to Josep Muñoz Batet for reviewing the final manuscript and idiomatic notes.

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