

NOTA BREU

Designation of lectotypes in the Coleoptera collection (Tenebrionidae: Diaperinae) of the Natural Sciences Museum of Barcelona (MCNB)**Designació de lectotipus de la col·lecció de coleòpters (Tenebrionidae: Diaperinae) del Museu de Ciències Naturals de Barcelona (MCNB)**

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During the revision and documentation of the specimens of the subfamily Diaperinae (Coleoptera: Tenebrionidae) deposited in the collection of the Natural Sciences Museum of Barcelona, seven species described by Francesc Español (1949, 1950, 1951, 1952, 1954, 1955) were found to have no designated holotype in the original description despite the indications on the labels of the specimens belonging to the typical series. As per the rules of ICNZ (2003) we hereby designate lectotypes and paralectotypes for all seven species deposited in the MCNB.

Lectotypes designation***Crypticus (Crypticus) aksuensis*** Español, 1955*Crypticus (Crypticus) zuberi aksuensis* Español, 1955: 14*Crypticus (Crypticus) aksuensis* Español, 1955: Löbl *et al.*, 2008: 304

Type locality: Aksu desert (People's Republic of China).

Lectotype

MZB 72-9995: 1 ♂, glued on white card. Aedeagus missing.

Labelled as:

1st white label: «Ost. Turkest. | Aksu - Wüste»

2nd white label: «Crypticus | zuberi | Mars. | Schust. det.»

3rd white label: «33 - Edeagus | perdido ?»

4th white label: «Crypticus | zuberi ssp. | aksuensis | F. Español det.»

5th red label: «Typus»

6th white label: «72-9995 | MZB»

7th red label: «Lectotype | Crypticus (Crypticus) | aksuensis Español, 1955 | A. Viñolas, G. Masó & | B. Caballero-López Desig. 2017»

Paralectotype

1 spec., ♀, same locality and date as lectotype, with registration number (72-9996 | MZB).

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

Type locality: Gabès (Tunisia).

Lectotype

MZB 72-0793: 1 ♂, glued on white cardboard. Aedeagus glued on card, pinned underneath the specimen.

Labelled as:

1st white label: «Tunisie 1895 | Gabès | de Vauloger»

2nd white label: «Cr. | dactylispinus | Mars. | Alg.»

3rd white label: «Col. | Vauloger»

4th red label: «Typus»

5th white label: «Crypt. capsianus | ssp. littoralis mihi | Español»

6th white label: «71-0793 | MZB»

7th red label: «Lectotype | Crypticus (Crypticus) | capsianus littoralis | Español, 1950 | A. Viñolas, G. Masó & | B. Caballero-López Desig. 2017»

Paralectotype

1 spec., ♂, Bibans, Tunisie, mézid le, with registration number (78-1843 | MZB).

Crypticus (Crypticus) fernandezii Español, 1954*Crypticus fernandezii* Español, 1954: 105

Type locality: El Hierro Island, Canary Islands (Spain).

Lectotype

MZB 72-9765: 1 ♂, glued on white card. Aedeagus glued on card, pinned under underneath the specimen.

Labelled as:

1st white label: «I. Hierro | Fernández»

2nd white label: «♂»

3rd red label: «Typus»

4th white label: «Crypticus | fernandezii mihi | Español»

5th white label: «72-9765 | MZB»

6th red label: «Lectotype | Crypticus (Crypticus) | fernandezii Español, 1954 | A. Viñolas, G. Masó & | B. Caballero-López Desig. 2017»

Paralectotypes

2 spec., same locality and date as lectotype, with registration

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numbers (72-9769, 72-9770 | MZB); 1 spec, Ajerre, Hierro, 12-XI-52, M. Sánchez leg., with registration number (72-9766 | MZB); 5 spec., Valverde, Hierro, 5-VIII-51, P. Padrón leg., with registration number (72-9767 | MZB); 2 spec., Chipudes, Gomera, 22-VII-17, with registration number (72-9768 | MZB); Sabinosa, Hierro, VII-1, P. Padrón leg., with registration number (72-9771 | MZB).

Crypticus (Crypticus) pubens balearicus Español, 1950
Crypticus (Crypticus) pubens balearicus Español, 1950: 144
 Type locality: Na Foradada Islet, Balearic Islands (Spain).

Lectotype
 MZB 71-08285: 1 ♂, glued on white card. Aedeagus glued on card, pinned under underneath the specimen.

Labelled as:

1st white label: «Arch Cabrera | I Horadada | VII 1935 | Ferrer Bravo»

2nd red label: «Tipo»

3rd white label: «C. (s.str.) pu- | bens ssp. ba_ | learicus mihi | Español»

4th white label: «71-0828 | MZB»

5th red label: «Lectotype | *Crypticus (Crypticus) | pubens balearicus* Español, 1950 | A. Viñolas, G. Masó & | B. Caballero-López Desig. 2017»

Paralectotypes

7 spec., same locality and date as lectotype, with registration numbers (71-0829, 71-0830, 71-0831, 71-0832, 71-0833, 71-0834 | MZB).

Crypticus (Platycrypticus) viaticus pardo Español, 1952
Crypticus (Platycrypticus) viaticus pardo Español, 1952: 120
 Type locality: Aldea del Rey, Ciudad Real (Spain).

Lectotype

MZB 72-9997: 1 ♂, glued on white card. Aedeagus glued on card, pinned under underneath the specimen.

Labelled as:

1st white label: «Aldea del Rey | C. Real | VIII-40 | Pardo leg.»

2nd white label: «C. (Platycrypticus) | viaticus ssp. | pardo mihi | Español»

3rd red label: «Typus»

4th white label: «72-9997 | MZB»

5th red label: «Lectotype | *Crypticus (Crypticus) | viaticus pardo* Español, 1952 | A. Viñolas, G. Masó & | B. Caballero-López Desig. 2017»

Paralectotypes

2 spec., same locality and date as lectotype, with registration numbers (71-0826, 71-0827 | MZB).

Pseudoseriscius helvolus adriaticus Español, 1949
Crypticus (Pseudoseriscius) helvolus adriaticus Español, 1949: 208

Type locality: Italy: Porto San Giorgio (Italy).

Lectotype

MZB 72-9774: 1 ♂, glued on white card. Aedeagus glued on card, pinned under underneath the specimen.

Labelled as:

1st white label: «Porto S. Gio- | Straneo gio | Marche»

2nd white label: «*Crypticus | helvolus | Küst. | Straneo det.*»

3rd white label: «*Pseudoseriscius | helvolus ssp. | adriaticus* Españ. | Español det.»

4th red label: «Typus»

5th white label: «72-9774 | MZB»

6th red label: «Lectotype | *Pseudoseriscius | helvolus | adriaticus* Español, 1949 | A. Viñolas, G. Masó & | B. Caballero-López Desig. 2017»

Paralectotypes

4 spec., same locality and date as lectotype, with registration numbers (72-9775, 72-9776, 72-9777, 72-9779 | MZB); 2 spec., Durrës, Albania, with registration numbers (72-9778, 72-9780 | MZB).

Phaleria pujeti Español, 1951

Phaleria pujeti Español, 1951: 27

Type locality: Sant Joan de Labritja, Eivissa Island, Balearic Islands (Spain).

Lectotype

MZB 72-9783: 1 ♂, glued on white card. Aedeagus prepared as microscopic slide.

Labelled as:

1st white label: «Ibiza | St. Juan | Cala Portinaitx | IV-50 | Español leg»

2nd white label: «*Phaleria | pujeti n. sp. | F. Español det.*»

3rd white label: «Org. cop. ♂»

4th red label: «Typus»

5th white label: «72-9783 | MZB»

6th red label: «Lectotype | *Phaleria | pujeti* Español, 1951 | A. Viñolas, G. Masó & | B. Caballero-López Desig. 2017»

Paralectotypes

3 spec., same locality and date as lectotype, with registration numbers (72-9784, 78-0845 | MZB)

References

- ESPAÑOL, F. 1949. Contribución al conocimiento de los *Crypticus* del grupo del *Pruinosus*: el subgénero *Pseudoseriscius* Españ. (Col. Tenebrionidae). *Eos*, 25 (3-4): 199-239.
- ESPAÑOL, F. 1950. Los *Crypticus* s. str. de la Península Ibérica y del Norte de África (Col. Tenebrionidae). *Eos*, 26 (3-4): 115-156.
- ESPAÑOL, F. 1951. Tenebriónidos de las Pitiusas (Balears occidentales). *Eos*, 27 (1): 7-41.
- ESPAÑOL, E. 1952. Note sur les *Crypticus* appartenant au groupe de *C. Viaticus* Fairm. (Col. Tenebrionidae). *Transactions Ninth International Congress Entomology (Stockholm)*, 1: 117-120.
- ESPAÑOL, F. 1954. Los *Crypticus* de Canarias (Col. Tenebrionidae). *Eos*, 30 (1-2): 99-117.
- ESPAÑOL, F. 1955. Los *Crypticini* paleárticos (Col. Tenebrionidae). *Eos*, 31 (1-2): 7-38.
- ICNZ. 2003. *Codi internacional de nomenclatura zoològica*. 4a ed. Institut d'Estudis Catalans. The International Commission on Zoological Nomenclature. Barcelona. 166 p.
- LÖBL, I., MERKL, O., ANDO, K., BOUCHARD, P., LILLIG, M., MESOMUTO, K. & SCHAWALLER, W. 2008. *Diaperinae*. P. 303-319. In: Catalogue of Palaearctic Coleoptera, vol. 5. Löbl, I & Smetana, A. (ed.). Apollo Books. Stenstrup. 670 p.