

ARTIGO / ARTÍCULO / ARTICLE

On some genera of Paederinae from the Portuguese fauna (Coleoptera: Staphylinidae: Paederinae)

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Abstract: The revision of the subfamily Paederinae (Coleoptera: Staphylinidae) of the Portuguese fauna is concluded with this contribution, in which data of 69 species within 22 genera belonging to eight subtribes are provided. In this article, one genus and 10 species are newly recorded from Portugal, while three of them are in need of confirmation.

Key words: Coleoptera, Staphylinidae, Paederinae, ecology, faunistics, Portugal.

Resumo: Sobre alguns géneros de Paederinae da fauna portuguesa (Coleoptera: Staphylinidae: Paederinae). A revisão da subfamília Paederinae (Coleoptera: Staphylinidae) da fauna portuguesa fica terminada com esta contribuição, na qual se procuram dados de 69 espécies distribuídas em 22 géneros pertencentes a oito subtribos. Neste artigo, um género e 10 espécies são assinalados como novidade para Portugal, enquanto três delas aguardam confirmação.

Palavras chave: Coleoptera, Staphylinidae, Paederinae, ecologia, faunística, Portugal.

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Introduction

Staphylinidae is considered the second largest family of beetles with over 48,000 known species placed in more than 3,400 genera and nearly 400 new species are added each year (Newton *et al.*, 2005). The subfamily Paederinae Fleming, 1821 is one of the 34 extant subfamilies (Newton, 2022) and is part of the Staphylinine group of the family Staphylinidae. Presently this subfamily is divided into two tribes: Paederini Fleming, 1821 and Pinophilini Nordmann, 1837, separated according to the structure of the maxillary palpi, where the terminal segment is small and rounded or tapering to a point in Paederini and securiform and generally as long as the penultimate segment in Pinophilini (UK Beetles, 2020). Worldwide the subfamily includes more than 6,000 species in about 220 genera. Pinophilini Nordmann, 1837 includes two subtribes with four genera in Southern Europe and two genera in Portugal. Paederini, on other hand, includes the majority of the genera of the subfamily and is cosmopolitan in distribution, with eight subtribes with more than 500 species in 31 genera in Europe (Schülke & Smetana, 2015). Of these, according to the previous literature and new data hereby provided, 69 species within 22 genera and eight subtribes were known to occur in Portugal.

The revision of the Portuguese fauna of some of the genera within this subfamily was already published (Ferreira, 2021b, 2023a, b) and with this paper is now finished, having in mind the publication of a future catalogue of the family Staphylinidae that will include all the subfamilies referred for Portugal and will form the basis to be used for future works concerning the Staphylinidae of the country.

Material and methods

As in previous studies, the material was collected by the author, during his entomological journeys as a student and afterwards during visits to the country and research of literature concerning the Portuguese fauna. For the preparation of the material see Ferreira (2021). All specimens were identified by the author using a Wild M5 stereomicroscope and the keys by Coiffait (1984), and are deposited in the author's collection. The data includes: Province, District, Town, Village and Place.

The collections mentioned below are coded with the following abbreviations: cAss (collection Volker Assing), cBor (collection Arnaldo Bordoni), cCoi (collection Henri Coiffait), cDEI (collection of the Deutsches Entomologisches Institut, Müncheberg), cFag (collection Gaston Fagel), cFel (collection Benedikt Feldmann, Münster), cFri (collection Frisch, in Muséum d'Histoire Naturelle de Genève), cHNHM (collection of the Hungarian Natural History Museum, Budapest, Hungary), cIRSNB (collection of the Institut Royal des Sciences Naturelles de Belgique), cMag (collection P. Magrini, Firenze), cMHNG (collection of the Muséum d'Histoire Naturelle de Genève), cMNCN (collection of the Museo Nacional de Ciencias Naturales, Madrid, Spain), cMNHUB (collection of the Museum für Naturkunde der Humboldt-Universität, Berlin, Germany), cNHMD (collection of the Natural History Museum, Denmark), cNHML [collection of the Natural History Museum, London, formerly BMNH: British Museum (Natural History)], cNHMW (collection of the Naturhistorische Museum, Wien, Austria), cOro (collection Pedro Oromí), cReb (collection Sofia Reboleira), cRNF (collection Raul Nascimento Ferreira), cSer (collection Artur Serrano, Department of Animal Biology, Faculty of Sciences of the University of Lisbon), cTro (collection Marc Tronquet), cWun (collection Paul Wunderle, Mönchengladbach).

Results

Family STAPHYLINIDAE Latreille, 1802

Subfamily PAEDERINAE Fleming, 1821

Tribe Paederini Fleming, 1821

Subtribe Astenina Hatch, 1957

Genus *Nazeris* Fauvel, 1873

Nazeris curtipennis Fagel, 1958

Nazeris curtipennis Fagel, 1958: 11

New data: Minho, Braga, Vieira do Minho, Serra do Gerês, 5/07/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Previously only known from Spain (Schülke & Smetana, 2015). First record from Portugal.

Nazeris ibericus Koch, 1940

Nazeris ibericus Koch, 1940: 380

Nazeris algarvensis Coiffait, 1971: 336

Nazeris atlanticus Coiffait, 1971: 334

Nazeris ibericus Scheerpeltz, 1958: 17 [primary homonym]

Nazeris sengleti Bordoni, 1975: 145

Koch (1940) described this species from Guarda, and refer one specimen from South Portugal in Reitter's collection, and one from Lisbon in the National Museum of Praga. Scheerpeltz (1958)

described *Nazeris ibericus* (nec Koch, 1940) by means of 1 ♂ and 1 ♀ from Coimbra. Fagel (1958) recorded it from Lisboa, Cascais, 2/02/1930, 1 ♂, Lisboa, 3/02/1930, 1 ♀, and 1 ♀ from Buçaco and 1 ♀ from Gerês with a note that these specimens seem to be from Oliveira's catches and 2 ♀♀ from Portugal (cFag) that he kept separated until obtaining one male specimen. Fagel (1960) recorded it from Luso-Buçaco, Scheerpeltz (1960) from Lousã, and Prado e Castro *et al.* (2010, 2013) from Lisbon. Coiffait (1971) described *Nazeris algarvensis* from Algarve, Serra de Monchique, Foia, 1 ♂ (cCoi). Bordoni (1975) described *Nazeris sengleti* from Portugal from Beira Litoral, Aveiro, Pedorido, 2/09/1969, 1 ♂ (Holotype), leg. G. Senglet (cMHNG), same date, paratype, topotype, 1 ex. (cBor); Minho, Viana do Castelo, Quejadas, 31/08/1969, 1 ex., leg. G. Senglet (cMHNG) and recorded it as *Nazeris ibericus* from Loures, Marateca (Setúbal) and Lagoa da Arrábida (Setúbal). Gama *et al.* (2000) mentioned it from Serra de Monchique. Assing (2009a) designated a lectotype from Coimbra and studied two paralectotypes from Porto. Drugman & Outerelo (1997) reported it, as *N. algarvensis*, from Serra de Monchique, and from Buçaco, Gerês and Coimbra, as *N. atlanticus*. They also compiled records from Cascais, Lisboa, Lousã, Luso-Buçaco and Setúbal, as *N. ibericus*, and Beira Litoral and Minho, as *N. sengleti*. Boeiro *et al.* (1999) also reported it from Estremadura, both as *N. algarvensis* and *N. ibericus*. Gamarra & Outerelo (2007) cited *Nazeris atlanticus* as new for Trás-os-Montes e Alto Douro. Gamarra & Outerelo (2020) reported it from Minho, Trás-os-Montes e Alto Douro, Douro Litoral, Beira Litoral, Estremadura, Baixo Alentejo and Algarve, but missed Beira Alta (Guarda), referred by Koch (1940).

New data: Douro Litoral, Porto, Paços de Ferreira, Penamaior, 8/07/1969, 1 ex., leg. R.N. Ferreira (cRNF). Beira Litoral, Coimbra, Coimbra, Choupal, 19/07/1967, 2 ex., leg. R.N. Ferreira (cRNF). Beira Alta, Guarda, Celorico da Beira, Vale de Azares, 25/07/1968, 2 ex., leg. R.N. Ferreira (cRNF).

Distribution: Known from Morocco, Portugal and Spain (Schülke & Smetana, 2015).

***Nazeris pallidipes* Reitter, 1888**

Nazeris pallidipes Reitter, 1888: 149

Barros (1926) recorded this species described from the Western Caucasus in Oleiros (Beira Baixa), identification confirmed by Dr. A. Fleischer. Not reported from Portugal by Schülke & Smetana (2015) or Gamarra & Outerelo (2020), we considered it a species in need of confirmation.

Distribution: Only known from the Russian South European Territory according to Schülke & Smetana (2015).

***Nazeris pulcher* (Aubé, 1850)**

Sunius pulcher Aubé, 1850: 319

Quedenfeldt (1884) recorded this species from Buçaco. Oliveira (1893) refers this species from Buçaco, Coimbra, Espinho, Gerês and Vizela. Not listed for Portugal by Schülke & Smetana (2015). Gamarra & Outerelo (2020) reported it from Minho, Douro Litoral and Beira Litoral. Ferreira (2021a) reports 1 ex. from Penamaior, 2 ex. without locality and 1 ex. with the № 17.

New data: Minho, Braga, Vieira do Minho, Serra Gerês, 2/07/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Known from Algeria and Tunisia (Schülke & Smetana, 2015), but also from Portugal and Spain (Gamarra & Outerelo, 2020).

Subtribe Cryptobiina Casey, 1905

Genus *Ochthephilum* Stephens, 1829

***Ochthephilum collare* (Reitter, 1884)**

Cryptobium collare Reitter, 1884: 84

Bordoni (1983) reported it from Torreira (Aveiro), 1 ♂, Senglet leg., 7.IX.1969, and Marateca

(Setúbal), 1 ♂, Senglet leg., 8.IX.1969. Hozman (1985) refers this species from Portugal. Gamarra & Outerelo (2020) reported this species from Beira Litoral and Alto Alentejo.

Distribution: Widespread in Europe and also Tunisia (Schülke & Smetana, 2015).

***Ochthephilum fracticorne* (Paykull, 1800)**

Paederus fracticornis Paykull, 1800: 430

New data: Minho, Braga, Vieira do Minho, Serra do Gerês, 2/07/1969, 2 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe and also found in Kazakhstan, Russia and Uzbekistan, and also in the Nearctic Region, where it's introduced (Schülke & Smetana, 2015). First record from Portugal.

***Ochthephilum jacquelinii* (Boieldieu, 1859)**

Cryptobium jacquelinii Boieldieu, 1859: 466

Assing (2009b) recorded this species from Algarve, Faro, Loulé, Quarteira, 7/04/1991, 2 ex., leg. Terlutter (cAss). Gamarra & Outerelo (2020) also reported it from Algarve.

Distribution: Known from France, Great Britain, Portugal and Spain, and also found in Algeria, Libya, Morocco and Tunisia (Schülke & Smetana, 2015).

Subtribe Dolicaonina Casey, 1905

Genus *Leptobium* Casey, 1905

***Leptobium artum* (Karsch, 1881)**

Lathrobium artum Karsch, 1881: 45

New data: Beira Litoral, Aveiro, Mealhada, Buçaco, 12/06/1966, 2 ex., leg. R.N. Ferreira (cRNF). Alto Alentejo, Évora, Évora, public garden, 4/11/1963, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Only known in Europe from Spain, but also found in the north of Africa (Algeria, Libya, Morocco and Tunisia (Schülke & Smetana, 2015). First record from Portugal.

***Leptobium colasi* Coiffait, 1954**

Leptobium colasi Coiffait, 1954a: 97

Assing (2005) recorded this species from Baixo Alentejo, Beja, Alvito, 12/1997, 3 ex., leg. Poot (cAss and cWun); Alvito, 22-31/11/1997, 1 ex., leg. Poot (cWun). Gamarra & Outerelo (2020) reported it from Baixo Alentejo.

Distribution: Only known from Portugal and Spain (Schülke & Smetana, 2015).

***Leptobium doderoi* Gridelli, 1926**

Dolicaon doderoi Gridelli, 1926: 148

Gridelli (1926) described this species from Algarve, Portimão. Drugmand & Outerelo (1997) and Gama *et al.* (2000) recorded this species also from the same locality. Assing (2005) examined material from Portimão too, 1 ♂ (Holotype) and 1 ex. with red pronotum from Algarve, E Lagos, 12/1997, leg. Reuter (cAss). Gamarra & Outerelo (2020) reported it from Algarve.

Distribution: Only known from Portugal and Spain (Schülke & Smetana, 2015).

***Leptobium gracile* (Gravenhorst, 1802)**

Lathrobium gracile Gravenhorst, 1802: 182

Dolicaon haemorrhoum Erichson, 1840: 577

Described from "Lusitania" (=Portugal) by Gravenhorst (1802). Also reported by Fauvel (1877) from Lagos, as *Dolicaon haemorrhous* Erichson. Oliveira (1893) refers this species from Azambuja as

Dolicaon gracilis Gravenhorst, 1802. Serrano (1981, 1983) reported it from Fonte do Veado, Arrábida (Estremadura) and Boieiro *et al.* (1999) from Castro Marim (Algarve). Assing (2005) mentioned that the original description was based on an unspecified number of syntypes from "Lusitania" and that two of the specimens were found in the cMNHUB, designating one of these as a lectotype. Furthermore, this author recorded the species from Algarve, Silves, Armação de Pêra, 9/04/1979, 1 ex., leg. Tronquet (cTro), Estremadura, Lisboa, 1 ex. (cNHMW) and 4 ex. of location not specified (cHNHM, cNHMW, cAss). Gamarra & Outerelo (2020) reported it from Estremadura, Ribatejo, Alto Alentejo and Algarve.

Distribution: Widespread in Europe and also found in some countries of North Africa and Asia (Schülke & Smetana, 2015).

Subtribe Lathrobiina Laporte, 1835

Genus *Achenium* Leach, 1819

Achenium depressum (Gravenhorst, 1802)

Lathrobium depressum Gravenhorst, 1802: 182

Described from "Lusitania" (=Portugal) by Gravenhorst (1802). Oliveira (1893) refers this species from Azambuja. Reported from Portugal with no precise localities by Horion (1965). Gamarra & Outerelo (2007, 2020) reported this species from Beira Litoral and Ribatejo.

New data: Beira Litoral, Leiria, Ansião, Avelar, Cabeça Gorda, 15/08/1967, 1 ex., leg. R.N. Ferreira (cRNF).

Note: Assing (2010a) stated that «The original description of *A. depressum* is based on an unspecified number of type specimens from "Lusitania Mus. Com. de Hoffmansseg" (Gravenhorst, 1802). Two syntypes, a male and a female, were located in the collections of the MNHUB. The male is designated as the lectotype. Based on the morphology of the aedeagus and on the available zoogeographic data, there is some doubt as to whether the type specimen really originated from Portugal. The aedeagus is more similar to that of material from Italy than to the Spanish populations, and *A. depressum* has never again been mentioned from Portugal», that «The aedeagus is on average larger in material from Italy and Portugal.» and that «The reddish coloration of the elytra is usually more extensive in material from Italy, Portugal, central Spain». The specimen from Cabeça Gorda studied here has the elytra almost totally reddish.

Distribution: Widespread in Europe (Schülke & Smetana, 2015).

Achenium hartungii Wollaston, 1854

Achenium hartungii Wollaston, 1854: 587

Boieiro *et al.* (1999) reported it from Tavira (Algarve). Assing (2010a) recorded this species from "Alges" (presumably Algés, in Lisbon, Oeiras), 1 ♂ (abdominal apex dark) (cNHMW), Évora, 4/11/1963, 1 ♂ (abdominal apex reddish), leg. Engholt & Martin (cNHMD and cAss) and 1 ex. with locality not specified (cIRSNB), but Gamarra & Outerelo (2020) only reported it from Algarve.

Distribution: Known from Portugal and Spain, and also from Morocco and Madeira Island (Schülke & Smetana, 2015).

Achenium impressiventre Koch, 1937

Achenium impressiventre Koch, 1937: 113

Boieiro *et al.* (1999) reported it from Pavia (Alto Alentejo). Assing (2010a) recorded 4 ex. from Algarve, Portimão (cIRSNB, cMNCN and cAss); 1 ♀, Évora, 7/04/1956, leg. Breuning (cIRSNB); 1 ♀, Setúbal, 19/04/1956, leg. Breuning (cIRSNB) and 3 ex. with no locality specified (cMNCN and cMNHUB). Gamarra & Outerelo (2020) only reported it from Alto Alentejo.

Distribution: Known from Morocco, Portugal and Spain (Schülke & Smetana, 2015).

***Achenium nigriventre* Fairmaire, 1871**

Achenium nigriventre Fairmaire, 1871: 372

Achenium lusitanicum Skalitzky, 1884: 98

Skalitzky (1884) described *Achenium lusitanicum* from Azambuja. Assing (2010a) stated that his description was based on 1 ♂ (Lectotype) from Azambuja, plus 2 ♂♂ and 5 ♀♀ (Paralectotypes) with the same date as the Lectotype (cNHMW), 1 ♂ from Azambuja (ex-type, cRISNB), 1 ♀ (ex-type, cIRSNB), and 1 ♀ from "Lusitania". The same author recorded 1 ♀ (elytra bicoloured) from Algarve, Armação de Pêra, 9/04/1979, leg. Tronquet (cTro), 1 ex., locality not specified, leg. Skalitzky (cAss), and 1 ex., locality not specified (cIRSNB). Seabra (1942) and Drugman & Outerelo (1997) repeated Azambuja while Boieiro *et al.* (1999) add Castro Marim (Algarve). Gamarra & Outerelo (2020) reported this species from Ribatejo and Algarve.

Distribution: Known from Morocco, Portugal and Spain (Schülke & Smetana, 2015).

Genus *Domene* Fauvel, 1873

***Domene (Lathromene) darinkae* Magrini & Carotti, 2019**

Domene (Lathromene) darinkae Magrini & Carotti, 2019: 498

Described by Magrini & Carotti (2019) from Trás-os-Montes e Alto Douro, Vila Real, Campeã, Gruta Maria Isabel, 900 m, 29/05/2018, 1 ♂ (Holotypus, cMag). Not reported from Portugal by Gamarra & Outerelo (2020).

Distribution: So far, only known from Portugal (Magrini & Carotti, 2019).

***Domene (Lathromene) lusitanica* Reboleira & Oromí, 2011**

Domene (Lathromene) lusitanica Reboleira & Oromí, 2011: 50

Reboleira & Oromí (2011) described this species from Beira Litoral, Leiria, Pombal, Santiago da Guarda, Serra de Sicó (Gruta da Cerâmica), 28/11/2009, 1 ♂, holotype, leg. S. Reboleira (cOro); same data as the Holotype: 1 ♂ (cOro); Leiria, Pombal, Santiago da Guarda, Serra de Sicó (Gruta da Cerâmica), 21/03/2010, 1 ♂ and 1 ♀, leg. S. Reboleira (cReb); same locality, 27/12/2010, 3 ♂♂ (cReb). Not reported from Portugal by Gamarra & Outerelo (2020).

Distribution: Known only from Portugal (Schülke & Smetana, 2015).

***Domene (Lathromene) scopaeella* Fauvel, 1873**

Domene (Lathromene) scopaeella Fauvel, 1873: 306

Fauvel (1873) described this species from Serra do Gerês, from where it was also reported by Fuente (1922) and Scheerpeltz (1924), both according to Piochard. Fuente (1922) reported it from Portugal as deposited in the collections of Oliveira and Heyden. Koch (1938) cited a male deposited in Daniel's collection from the typical locality too. Seabra (1942), Drugman & Outerelo (1997) and Feldmann & Hernando (2005) reported it again from Serra do Gerês. Ferreira (1962) reported it from Portugal with no locality. Gamarra & Outerelo (2020) reported it from Minho.

Distribution: Known only from Portugal and Spain (Schülke & Smetana, 2015).

***Domene (Lathromene) sistelensis* Struyve, 2018**

Domene (Lathromene) sistelensis Struyve, 2018: 50

Species described by Struyve (2018) from Minho, Viana do Castelo, Arcos de Valdevez, Sistelo, 15/04/2015, 41,965° N 8,393' W, 1 ♂ Holotypus (right antenna missing), leg. T. Struyve (cIRSNB). Not reported for Portugal by Gamarra & Outerelo (2020).

Distribution: So far, only known from Portugal (Struyve, 2018).

***Domene (Lathromene) viniatoi* Serrano & Boieiro, 2015**

Domene (Lathromene) viniatoi Serrano & Boieiro, 2015: 403

Species described by Serrano & Boieiro (2015) from Beira Alta, Guarda, Seia, Serra da Estrela, Buraco da Moura (Lapa dos Dinheiros), 13-24/10/2014, 1 ♂, Holotype, leg. J. Conde, M. Boieiro & S. Antunes; Paratypes, same locality as Holotype, 7-31/10/2013, 1 ♂, 19/07-17/08/2014, 1 ♂, leg. J. Conde & S. Antunes; 13/10/2014, 2 ♂♂ (1 ♂ gold coated) and 13-24/10/2014, 3 ♀♀, leg. J. Conde, M. Serrano & S. Antunes. The Holotype and Paratypes are deposited in cSer. Not reported from Portugal by Gamarra & Outerelo (2020).

Note: Boieiro (personal communication) indicated that the species has subsequently been collected in the close surroundings of the *locus typicus*.

Distribution: So far, only known from Portugal (Serrano & Boieiro, 2015).

Genus *Lathrobium* Gravenhorst, 1802

Lathrobium (Lathrobium) brunnipes (Fabricius, 1792)

Lathrobium brunnipes Fabricius, 1792: 537

New data: Minho, Braga, Vieira do Minho, Serra do Gerês, 15/08/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe, and also known from some Asian countries (Schülke & Smetana, 2015). First record from Portugal.

Lathrobium (Lathrobium) fulvipenne Gravenhorst, 1806

Staphylinus fulvipennis Gravenhorst, 1806: 104

Reported from Portugal in the Palaeartic Catalogue (Schülke & Smetana, 2015), but not by Gamarra & Outerelo (2020).

Distribution: Widespread in Europe, and also known from some Asian countries and the Nearctic Region, where it's introduced (Schülke & Smetana, 2015).

Lathrobium (Lathrobium) impressum Heer, 1841

Lathrobium impressum Heer, 1841: 580

New data: Trás-os-Montes e Alto Douro, Vila Real, Sabrosa, S. Martinho de Anta, 7/09/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe, and also known from Russia (Siberia) (Schülke & Smetana, 2015). First record from Portugal.

Genus *Lobrathium* Mulsant & Rey, 1878

Lobrathium (Lobrathium) anale (Lucas, 1846)

Lathrobium anale Lucas, 1846: 117

Reported from Portugal in the Palaeartic Catalogue (Schülke & Smetana, 2015). Gamarra & Outerelo (2020) mention this species from Portugal with a question mark.

Distribution: Known from France, Italy, Portugal and Spain, and also known from the Canary Islands and some countries in North Africa (Schülke & Smetana, 2015; Gamarra & Outerelo, 2020).

Lobrathium multipunctum (Gravenhorst, 1802)

Lathrobium multipunctum Gravenhorst, 1802: 52

Lathrobium punctatostriatum Stephens, 1833: 268

Lathrobium pyrenaicum Fairmaire, 1863: 34

Lathrobium striatopunctatum Kiesenwetter, 1850: 220

Fauvel (1877) recorded from Portimão and Mafra. Quedenfeldt (1884) refer to var. *striatopunctatum* Kies. a record from Buçaco (Beira Litoral). Oliveira (1893) refers this species from "Dans tout le Portugal". Scheerpeltz (1960) reported it from Beira, São João do Campo, 3.VI.59 (3

♂♂, 1 ♀), 7.VI.59, (1 ♂, 4 ♀♀) and Alentejo, Cuba, 9.VI.59, (3 ♂♂, 1 ♀). Also Scheerpeltz (1960) como var. *pyrenaicum* Fauvel from Serra da Estrela, Penhas da Saúde (Beira Alta). Ferreira (1971), from P. de Horta (Beira Litoral). Bordoni (1984) reported it as ssp. *punctatostriatum* Kies. [sic] from Aveiro, Sobrado de Paiva, C leg., 2.IX.1969, 1 ex.; Pedorido, C leg., 2.IX.1969, 1 ex. (B); Vila Real, Lilela, C leg., 28.VIII.1969, 1 ex.; Chaves, C leg., 29.VIII.1969, 1 ex.; Valpasos, C leg., 28.VIII.1969, 1 ex.; Bragança, Moncorvo, C leg., 27.VIII.1969, 1 ex.; Viana do Castelo, Ponte de Lima, C leg., 1.IX.1969, 1 ex.; Guarda, Manteigas, C leg., 12.VI.1970, 1 ex.; Gouveia, C leg., 11.VI.1970, 1 ex.; Maceira, C leg., 10.VIII.1971, 3 ex.; no data, 3 ex. (B); Viseu, C leg., 11.VI.1970, 1 ex.; Beja, S. Luis, C leg., 9.IX.1969, 1 ex.; Monte de Cavaleiro, C leg., 15.IX.1960, 1 ex.; Setúbal, Marateca, C leg., 8.IX.1969, 1 ex.; Cercal, C leg., 9.IX.1969, 1 ex.; no data, 1 ex. (B); Faro, Bordeira, C leg., 11.IX.1969, 1 ex.; Monchique, C leg., 13.IX.1969, 1 ex.; Torrinha, C leg., 13.IX.1969, 1 ex.; Norinha, C leg., 14.IX.1969, 1 ex. (B); Algarve, Portimão, C leg., 13.VI.1969, 1 ex. Aguiar & Serrano (1995) from Cascais (Estremadura). Boieiro *et al.* (1999), from Serra da Arrábida (Estremadura) and Pavia (Alto Alentejo). Assing (2007) recorded this species from Lisbon, Serra de Sintra, damp spot, 24/05/1992, 1 ex., leg. Wunderle (cWun); Tavilhão, Serra do Caldeirão, 22/05/1992, 1 ex., leg. Wunderle (cWun); Vila Real, Virandelo, 29/08/1969, 3 ex., leg. Senglet (cSch); Beja, Monte de Cavaleiro, Almodôvar, 15/09/1969, 3 ex., leg. Senglet (cSch); Beja, S. Luis/Odemira, 9-10/10/1969, 1 ex., leg. Senglet (cSch); Beja, 9 km SW Cuba, 18/05/1981, 1 ex., leg. Kanaar (cSch); Faro, Torre do Aires, 5 km SW Tavira, 15/05/1981, 1 ex., leg. Kanaar (cSch); Évora, 8 km S. Mourão, NE Moura, 13/05/1981, 1 ex., leg. Kanaar (cSch); Serra da Estrela, Manteigas, 4/08/1989, 1 ex., leg. Fery (MNHUB); Beja, river bank ca. 15 km W. Moura, 2/05/1986, 1 ex. (teneral), leg. Kanaar (cSch). Gamarra & Outerelo (2020) reported it from Beira Alta, Beira Litoral, Estremadura, Ribatejo, Baixo Alentejo and Algarve. Ferreira (2021a) reported 3 ex. from Penamaior, 6 ex. without locality and 5 ex. with the № 38.

Distribution: Known from France, Italy, Portugal and Spain, and also known from the Canary Islands and some countries in North Africa (Schülke & Smetana, 2015; Gamarra & Outerelo, 2020).

Genus *Micrillus* Raffray, 1873

Micrillus testaceus (Erichson, 1840)

Scymbalium testaceum Erichson, 1840: 581

Schatzmayria meridionalis Gridelli, 1914: 70

Micrillus hispanicus Coiffait, 1980: 151

Coiffait (1982) reported it from Algarve as *Micrillus hispanicus* Coiffait, 1980. The description of *Schatzmayria meridionalis* Gridelli, 1914, synonymy confirmed by Assing (2008c), was originally based on two damaged syntypes, a male and a female from Lisbon. Gamarra & Outerelo (2020) reported this species from Estremadura and Algarve.

Distribution: Well known from Europe, and some countries in North Africa and Asia (Schülke & Smetana, 2015).

Genus *Pseudobium* Mulsant & Rey, 1878

Pseudobium gridellii gridellii Jarrige, 1949

Pseudobium gridellii Jarrige, 1949: 69

Boieiro *et al.* (1999) reported it from Tavira (Algarve). Not reported from Portugal by Schülke & Smetana (2015). Gamarra & Outerelo (2020) reported this species from Douro Litoral.

Distribution: The ssp. *gridellii* Jarrige, 1949 is present in France, Georgia, Italy and Spain (Schülke & Smetana, 2015).

Pseudobium gridellii ibericum Coiffait, 1982

Pseudobium gridellii ibericum Coiffait, 1982: 262

Subspecies described by Coiffait (1982) from Algarve, Alportel, no date, 1 ♂, Type, (cCoi) and 4 ex., Paratypes near Tavira, no date (cCoi) and 1 ex., near Silves, no date (cCoi). Drugman & Outerelo (1997) repeated these localities. Gamarra & Outerelo (2020) reported this subspecies from Algarve.

Distribution: This subspecies is already reported from Portugal, Spain (Balearic Islands), Algeria and Madeira Island (Schülke & Smetana, 2015).

***Pseudobium labile* (Erichson, 1840)**

Lathrobium labile Erichson, 1840: 594

Fauvel (1873) reported it from Portugal, record repeated by Oliveira (1893) and Fuente (1922). Also reported with no precise localities by Horion (1965). Serrano (1981, 1983) recorded it in Fonte do Veado (Serra da Arrábida), 2 ex., 29.VI.1978. Gamarra & Outerelo (2020) reported this species from Portugal with a question mark.

Distribution: Known from France (Corse), Italy (Sardegna), Portugal and Spain, and also from Algeria, Morocco, Tunisia, Madeira and Canary Islands (Schülke & Smetana, 2015).

Genus *Pseudolathra* Casey, 1905

***Pseudolathra (Pseudolathra) lusitanica* (Erichson, 1840)**

Lathrobium lusitanicum Erichson, 1840: 597

Described from Lusitania (=Portugal) by Erichson (1840). Oliveira (1893) mentioned this species as present in Coimbra and Beja. Gamarra & Outerelo (2020) reported the species from Beira Litoral and Baixo Alentejo.

New data: Alto Alentejo, Évora, Évora, public garden, 4/11/1963, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Known from France, Italy, Malta, Portugal and Spain, it is also found in Algeria, Morocco, Tunisia and Syria (Schülke & Smetana, 2015).

***Pseudolathra (Pseudolathra) manueli* (Fauvel, 1865)**

Lathrobium manueli Fauvel, 1865: 301

Barros (1924) reported it from S. Martinho de Anta, Trás-os-Montes e Alto Douro. Not reported from Portugal by Schülke & Smetana (2015) or Gamarra & Outerelo (2020), we considered it a species in need of confirmation.

Distribution: Only known from France, Germany, Italy and Switzerland, it is also found in Algeria (Schülke & Smetana, 2015) and Spain (Gamarra & Outerelo, 2020).

Genus *Scymbalium* Erichson, 1839

***Scymbalium anale* (Nordmann, 1837)**

Achenium anale Nordmann, 1837: 153

New data: Trás-os-Montes e Alto Douro, Vila Real, Sabrosa, S. Martinho de Anta, 7/09/1969, 2 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe, and also present in Algeria and some Asian countries (Schülke & Smetana, 2015). First record of the genus in the Iberian Peninsula.

Genus *Tetartopeus* Czwalina, 1888

***Tetartopeus angustatus angustatus* (Lacordaire, 1835)**

Lathrobium angustatum Lacordaire, 1835: 424

Oliveira (1893) refers the species from Buçaco. Reported from Portugal with no precise localities by Borchert (1938). Bordoni (1984) reported it from Beja, S. Luis, S leg., 9.IX.1969, 1 ex.; no data, 1 ex.

(B); Guarda, Maceira, C leg., 10.VIII.1969, 1 ex.; Setúbal, Marateca, C leg., 8.IX.1969, 1 ex. Gamarra & Outerelo (2020) only reported this species from Beira Litoral.

New data: Beira Litoral, Leiria, Ansião, Avelar, 10/06/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Well known in Europe, and also present in Algeria, Morocco and Tunisia (Schülke & Smetana, 2015).

***Tetartopeus quadratus* (Paykull, 1789)**

Staphylinus quadratus Paykull, 1789: 29

New data: Beira Litoral, Coimbra, Coimbra, Choupal, 3/07/1970, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe, and also present in Kazakhstan and Russia (Siberia) (Schülke & Smetana, 2015). First record from Portugal.

***Tetartopeus rufonitidus* Reitter, 1909**

Tetartopeus rufonitidus Reitter, 1909: 142

Tetartopeus confusus Coiffait, 1972: 140

New data: Minho, Braga, Vieira do Minho, Serra do Gerês, 15/06/1967, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe and also in some parts of Asia (Schülke & Smetana, 2015). First record from Portugal.

***Tetartopeus terminatus* (Gravenhorst, 1802)**

Lathrobium terminatum Gravenhorst, 1802: 55

New data: Beira Litoral, Aveiro, Aveiro, Eírol, 11/08/1969, 2 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe, and also present in Russia (Siberia) (Schülke & Smetana, 2015). First record from Portugal.

Genus *Throbalium* Mulsant & Rey, 1878

***Throbalium lesnei* (Koch, 1937)**

Throbalium lesnei (Koch, 1937a): 27

Coiffait (1982) reported this species from southeastern Portugal. Boieiro *et al.* (1999) did it from Castro Marim (Algarve). Gamarra & Outerelo (2020) reported this species from Algarve.

Distribution: Only known from Morocco (Schülke & Smetana, 2015) and Portugal (Coiffait, 1982; Gamarra & Outerelo, 2020).

Subtribe Medonina Casey, 1905

Genus *Hypomedon* Mulsant & Rey, 1878

***Hypomedon debilicornis* (Wollaston, 1857)**

Lithocharis debilicornis Wollaston, 1857: 194

Reported from Portugal in the Palaearctic Catalogue (Schülke & Smetana, 2015), but not by Gamarra & Outerelo (2020).

Distribution: Cosmopolitan species (Schülke & Smetana, 2015).

Genus *Lithocharis* Dejean, 1833

***Lithocharis nigriceps* Kraatz, 1859**

Lithocharis nigriceps Kraatz, 1859: 139

New data: Douro Litoral, Porto, Paços de Ferreira, Penamaior, 6/10/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Cosmopolitan species (Schülke & Smetana, 2015). First record from Portugal.

***Lithocharis ochracea* (Gravenhorst, 1802)**

Paederus ochraceus Gravenhorst, 1802: 59

Oliveira (1893) mentioned this species from Azambuja, Coimbra, Espinho and Faro. Gamarra & Outerelo (2020) reported this species from Douro Litoral, Beira Litoral, Estremadura and Algarve. Ferreira (2021a) refers 2 ex. with the № 31.

Distribution: Cosmopolitan species (Schülke & Smetana, 2015).

Genus *Luzea* Blackwelder, 1952

***Luzea nigrifula* (Erichson, 1840)**

Lithocharis nigrifula Erichson, 1840: 625

Boieiro *et al.* (1999) reported this species from Castro Marim, Tavira and Serra da Arrábida. Assing (2010b) recorded it in Algarve, Praia de Faro, 37°32'N, 7°59'W, 5 m, 26/03/2002, 1 ex., leg. Meybohm (cAss), Algarve, 2,5 km WNW Silves, Odelouca River, 30/04/1998, 1 ex., leg. Heike & Wendt (cAss). Gamarra & Outerelo (2020) reported it from Estremadura and Algarve.

New data: **Minho**, Viana do Castelo, Valença, São Pedro da Torre, 30/06/1966, 1 ex., leg. R.N. Ferreira (cRNF); Caminha, Foz do Minho, Pinhal do Camarido, 24/06/1966, 1 ex., leg. R.N. Ferreira (cRNF); **Braga**, Vieira do Minho, Serra do Gerês, 2/06/1969, 4 ex., leg. R.N. Ferreira (cRNF).

Distribution: Reported from France, Italy, Malta, Portugal, Spain and Switzerland, and also found in Algeria, Libya, Morocco, Tunisia and Madeira and the archipelago of Canary Islands (Schülke & Smetana, 2015).

Genus *Medon* Stephens, 1833

***Medon apicalis* (Kraatz, 1857)**

Lithocharis apicalis Kraatz, 1857: 715

Barros (1924, 1926) mentioned this species from S. Martinho de Anta. Seabra (1942) reported it from Coimbra (Beira Litoral), V.1983, Povolide (Beira Alta) I.1983 and Vizela (Minho), IX.1980. Boieiro *et al.* (1999) reported this species from Serra de Monchique and Serra da Arrábida. Assing (2006) reported this species from Lisbon and Algarve. Gamarra & Outerelo (2020) reported this species from Minho, Trás-os-Montes e Alto Douro, Beira Alta, Beira Litoral, Estremadura and Algarve. Ferreira (2021a) records this species from Monte Córdova, 6 ex.

New data: **Minho**, Braga, Vieira do Minho, Serra do Gerês, 2/10/1969, 4 ex., leg. R.N. Ferreira (cRNF). **Trás-os-Montes e Alto Douro**, Vila Real, Sabrosa, S. Martinho de Anta, 7/09/1969, 1 ex., leg. R.N. Ferreira (cRNF). **Beira Litoral**, Coimbra, Coimbra, Choupal, 4/06/1962, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe, and also known from North Africa and Madeira and Canary Islands (Schülke & Smetana, 2015).

***Medon castaneus* (Gravenhorst, 1802)**

Paederus castaneus Gravenhorst, 1802: 60

Barros (1926) recorded this species from Pena Maior. Assing (2006) reported this species from Serra de S. Mamede, Marvão and Castelo Branco (Manteigas). Gamarra & Outerelo (2020) reported this species from Trás-os-Montes e Alto Douro, Douro Litoral and Alto Alentejo. Ferreira (2021a) refers 1 ex. with the № 40 with 3 ants.

Note: Manteigas is actually part of the district of Guarda (Beira Alta).

Distribution: Widespread in Europe (Schülke & Smetana, 2015).

***Medon cauchoisi* Jarrige, 1949**

Medon cauchoisi Jarrige, 1949: 66

Medon lusitanicus Coiffait, 1970: 717

Coiffait (1970) described this species as *Medon lusitanicus* from Algarve, Algoz, 1 ♂, paratype, Paderne, 1 ♀, and Barranco do Velho, 2 ♂♂ and 2 ♀♀. Gama *et al.* (2000) repeated this record. Previously, Boieiro *et al.* (1999) recorded it in Arcos de Valdevez and Serra do Gerês (Minho). Assing (2006) reported this species from Algarve. Gamarra & Outerelo (2020) reported the species from Trás-os-Montes e Alto Douro, Douro Litoral, Ribatejo and Algarve.

Distribution: Known from France, Portugal, Spain and Morocco (Schülke & Smetana, 2015).

***Medon fuscus* (Mannerheim, 1830)**

Rugilus fuscus Mannerheim, 1830: 40

Oliveira (1893) mentions this species from Guarda and Vizela. Borchert (1938) and Horion (1965) gave the same localities. Gamarra & Outerelo (2020) reported this species from Minho, Douro Litoral and Beira Alta.

Distribution: Widespread in Europe, and also known from some Asian countries and the Nearctic Region, where it's introduced (Schülke & Smetana, 2015).

***Medon piceus* (Kraatz, 1858)**

Lithocharis picea Kraatz, 1858: CXCI

Oliveira (1893) refer this species from Alcafache, Coimbra and Vizela. Horion (1965) reports it from Serra da Estrela. Boieiro *et al.* (1999) recorded it in Mértola (Baixo Alentejo). Assing (2006) reported this species from Serra do Geres, de Montesinho, de Sintra, da Estrela, Manteigas, Gouveia, Coimbra, Lisbon and Algarve. Gamarra & Outerelo (2020) reported the species from Minho, Douro Litoral, Beira Alta, Beira Litoral, Estremadura, Baixo Alentejo and Algarve. Ferreira (2021a) recorded 3 ex. from Monte Córdova and 2 ex. with the Nos 15 and 15a.

New data: Douro Litoral, Porto, Paços de Ferreira, Penamaior, 2/06/1969, 3 ex., leg. R.N. Ferreira (cRNF). Beira Litoral, Coimbra, Coimbra, Choupal, 18/07/1961, 1 ex., leg. R.N. Ferreira (cRNF); Leiria, Ansião, Avelar, 22/07/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe (Schülke & Smetana, 2015).

***Medon ripicola* (Kraatz, 1854)**

Lithocharis ripicola Kraatz, 1854: 127

Barros (1926) mentioned this species from S. Martinho de Anta. Boieiro *et al.* (1999) recorded it from Albergaria (Minho). Assing (2006) reported this species from Coimbra and Algarve. Gamarra & Outerelo (2020) reported this species from Minho, Trás-os-Montes e Alto Douro, Beira Litoral and Algarve. Ferreira (2021a) reported 1 ex. with the № 28.

New data: Minho, Braga, Vieira do Minho, Serra do Gerês, 2/07/1969, 1 ex., leg. R.N. Ferreira (cRNF); Vizela, Santa Eulália, 15/06/1961, 1 ex., leg. R.N. Ferreira (cRNF). Beira Litoral, Coimbra, Coimbra, Choupal, 2/06/1962, 1 ex., leg. R.N. Ferreira (cRNF), Choupal, 4/06/1962, 1 ex., leg. R.N. Ferreira (cRNF), Pinhal de Marrocos, 7/07/1962, 1 ex., leg. R.N. Ferreira (cRNF); Leiria, Ansião, Avelar, 11/02/1968, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe, and also known from Madeira and North Africa (Schülke & Smetana, 2015).

Genus *Pseudomedon* Mulsant & Rey, 1878
***Pseudomedon obscurellus* (Erichson, 1840)**

Lithocharis obscurella Erichson, 1840: 624

Boeiro *et al.* (1999) recorded it from Pavia (Estremadura) and Tavira (Algarve). Not reported from Portugal by Schülke & Smetana (2015) or Gamarra & Outerelo (2020), it is recorded again by Ferreira (2021a) with 3 ex. from Monte Córdova, 1 ex. from Caldelas and 1 ex. with the № 22.

New data: **Minho**, Braga, Amares, Caldelas, Rio Homem, 2/07/1969, 2 ex., leg. R.N. Ferreira (cRNF). **Trás-os-Montes**, Vila Real, Sabrosa, S. Martinho de Anta, 7/09/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe, and also known from Madeira, North Africa, Cyprus, Turkey and the Neotropical Region (Schülke & Smetana, 2015).

***Pseudomedon obsoletus* (Nordmann, 1837)**

Lathrobium obsoletum Nordmann, 1837: 146

Oliveira (1893) mentioned this species from Vizela. Gamarra & Outerelo (2020) reported the species from Minho and Alto Alentejo.

Distribution: Widespread in Europe, also known from Madeira, North Africa, some Asian countries and the Afrotropical region, and even in the Nearctic and Australian Regions, where it's introduced (Schülke & Smetana, 2015).

Genus *Sunius* Stephens, 1829

***Sunius bicolor* (Olivier, 1795)**

Paederus bicolor Olivier, 1795: [44]: 7

Lithocharis ruficollis Kraatz, 1858: 717

Oliveira (1893) recorded it as *Lithocharis ruficollis* Kraatz from Guarda (Beira Alta). Ferreira (1971) records the species in Eírol (Beira Litoral). Reported from Portugal with no precise localities by Horion (1965). Gamarra & Outerelo (2020) reported the species only from Beira Alta. Ferreira (2021a) refers 2 ex. from Monte Córdova, 1 ex. from Penamaior and 1 ex. with the № 46.

New data: **Minho**, Braga, Vieira do Minho, Serra do Gerês, 2/07/1969, 2 ex., leg. R.N. Ferreira (cRNF). **Beira Litoral**, Aveiro, Aveiro, Eírol, 29/07/1969, 1 ex., leg. R.N. Ferreira (cRNF); **Coimbra**, Coimbra, Bairro Marechal Carmona, 2/11/1968, 1 ex., leg. R.N. Ferreira (cRNF); **Santo António dos Olivais**, 2/09/1968, 1 ex., leg. R.N. Ferreira (cRNF); **Leiria**, Ansião, Avelar, 11/07/1969, 1 ex., leg. R.N. Ferreira (cRNF), 18/07/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe (Schülke & Smetana, 2015).

***Sunius melanocephalus* (Fabricius, 1792)**

Paederus melanocephalus Fabricius, 1792: 538

Barros (1924) reported it from S. Martinho de Anta as *Medon [sic!] melanocephalus* (F.). Not reported from Portugal by Schülke & Smetana (2015) or Gamarra & Outerelo (2020), it is recorded again by Ferreira (2021a) from Barroselas, 1 ex.

New data: **Minho**, Viana do Castelo, Valença, São Pedro da Torre, 30/06/1966, 2 ex., leg. R.N. Ferreira (cRNF). **Alto Alentejo**, Évora, Évora, public garden, 4/11/1963, 1 ex., leg. R.N. Ferreira (cRNF); 7/11/1963, 11 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe, and also known in some Asian countries and the Nearctic Region, where it's introduced (Schülke & Smetana, 2015).

***Sunius meybohmi* Assing, 2003**

Sunius meybohmi Assing, 2003: 680

Assing (2003) described this species from Serra de Montesinho, Montesinho, 1069 m, under stones, 41°56'13"N 6°45'31"W, 21/03/2002, 1 ♂ (Holotype), leg. Meybohm (cAss); Serra da Estrela, NW Manteigas, 1207 m, under stones, arable land, 40°25'23"N, 7°31'24"W, 19/03/2002, 1 ♂ and 2 ♀

(Paratypes), leg. Lompe (cAss); Lusitania (=Portugal), Guarda, Nabainhos, 8-16/11/1997, 1 ♂, leg. P. Poot (cWun). Gamarra & Outerelo (2020) reported this species from Trás-os-Montes e Alto Douro and Beira Alta.

Distribution: Only known from Portugal and Spain (Schülke & Smetana, 2015).

***Sunius ovaliceps* (Fauvel, 1878)**

Lithocharis ovaliceps Fauvel, 1878: 110

Anlaş (2018) recorded this species from Faro, Aljezur, 10/09/1969, 1 ♂ and 2 ♀♀, leg. Senglet (cMHNG). Not reported from Portugal by Gamarra & Outerelo (2020).

Distribution: Only known in Europe from France and Spain, but also present in Algeria, Morocco, Tunisia and the Afrotropical Region (Schülke & Smetana, 2015). It has been recently recorded in Portugal (Anlaş, 2018).

***Sunius propinquus* (Brisout, 1867)**

Lithocharis propinquus Brisout, 1867: 116

Oliveira (1893) reports this species from Buçaco, Coimbra, Espinho and Leça. Borchert (1938) and Horion (1965) refer Coimbra. Boieiro *et al.* (1999), from Serra da Arrábida (Estremadura), Pavia (Alto Alentejo), Lagos and Castro Marim (Algarve). Assing (2008a) recorded this species in: 1 ex., Vila Real, Lilela/Valpaços, 28/08/1969, leg. Senglet (cAss); 1 ex., Vila Real, Valpaços, 28/08/1969, leg. Senglet (cAss); 1 ex., Lisboa, 04-05/1910, leg. Schatzmayr (cDEI); 1 ex., Beja, S Luiz/Odemira, 9-10/09/1969, leg. Senglet (cAss); 1 ex., Beja, Monte de Cavaleiro, Almodôvar, 15/09/1969, leg. Senglet (cAss); 1 ex., Beja, Alvito, 12/1997, leg. Poot (cWun); 3 ex., Lisboa, Loures, 5/08/1971, leg. Senglet (cAss); 2 ex., Faro, Bordeira/Aljezur, 11/09/1969, leg. Senglet (cAss); 3 ex., Faro, Norinha, 4/09/1969, leg. Senglet (cAss); 1 ex., Algarve, 10 km N São Brás de Alportel, 400 m, 4/06/1992, leg. Wunderle (cWun); 1 ex., Algarve, Loulé, 25/02/2002, leg. Hetzel (cFel). Assing (2008b) recorded 1 ex. from Coimbra, leg. Paulino (cNHMW). Assing (2015) recorded it in Algarve, Armacão de Pera, coast, 3.V.1998, 2 ex., leg. Hieke & Wendt (MNHUB, cAss); Algarve, Serra Monchique, Fóia Mt., 800 m, 1.V.1998, 1 ex., leg. Hieke & Wendt (MNHUB). Anlaş (2018) recorded the species from Bragança, Moncorvo, 27/08/1969, 1 ♂, leg. Senglet (MHNG). Gamarra & Outerelo (2020) reported the species from Trás-os-Montes e Alto Douro, Douro Litoral, Beira Litoral, Estremadura, Alto Alentejo, Baixo Alentejo and Algarve.

New data: Trás-os-Montes e Alto Douro, Vila Real, Sabrosa, S. Martinho de Anta, 10/10/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Known from Belgium, France, Italy, Portugal, Spain and Sweden, and also from Algeria, Morocco, Tunisia and Madeira Island (Schülke & Smetana, 2015).

Subtribe Scopaeina Mulsant & Rey, 1878

Genus *Scopaeus* Erichson, 1839

***Scopaeus (Scopaeus) debilis* Hochhuth, 1851**

Scopaeus debilis Hochhuth, 1851: 50

Mentioned from Portugal in the Palaearctic Catalogue (Schülke & Smetana, 2015). Gamarra & Outerelo (2020) reported this species from Beira Alta and Algarve, although we couldn't find any source supporting this distribution.

New data: Douro Litoral, Porto, Paços de Ferreira, Penamaior, 07/07/1969, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe and Asia, and also present in Algeria, Morocco and Tunisia (Schülke & Smetana, 2015).

Scopaeus (Scopaeus) didymus* Erichson, 1840Scopaeus didymus* Erichson, 1840: 606*Scopaeus mateui* Coiffait, 1954b: 268

Oliveira (1893) mentioned this species from Alcafache, Buçaco, Coimbra, Espinho and Vizela. Coiffait (1968) reported it from Algarve. Gamarra & Outerelo (2020) mentioned this species from Minho, Douro Litoral, Beira Alta, Beira Litoral and Algarve.

New data: Beira Litoral, Coimbra, Coimbra, Choupal, 6/04/1968, 1 ex., leg. R.N. Ferreira (cRNF).

Distribution: Known from France, Italy (Sardegna), Portugal, Spain and Morocco (Schülke & Smetana, 2015).

Scopaeus (Scopaeus) franzi* Coiffait, 1968Scopaeus (Alloscopaeus) franzi* Coiffait, 1968: 416

Frisch (1997b) recorded this species from Trás-os-Montes e Alto Douro, Vila Real, Valpaços, 28/08/1969, 5 ♂♂ and 5 ♀♀, leg. Senglet (cFri). Gamarra & Outerelo (2020) reported it from Trás-os-Montes e Alto Douro.

Distribution: Only known from Portugal and Spain (Schülke & Smetana, 2015).

Scopaeus (Scopaeus) gracilis* (Sperk, 1835)Xantholinus gracilis* Sperk, 1835: 152

Frisch (1998) reported this species from Faro and Viana do Castelo. Gamarra & Outerelo (2007) reported this species from Minho and Algarve, while in Gamarra & Outerelo (2020) is reported this species only from Minho.

Distribution: Widespread in Europe, and also present in Algeria, Morocco, Tunisia, the Canary Islands, Cyprus, Iran, Syria and Turkey (Schülke & Smetana, 2015).

Scopaeus (Scopaeus) hispanicus* Binaghi, 1935Scopaeus (Polyodontus) hispanicus* Binaghi, 1935: 98

Frisch (1997a) recorded this species from the districts of Beja (cMHNG), Braga (cMHNG) and Vila Real (cMHNG). Gamarra & Outerelo (2020) reported this species from Minho, Trás-os-Montes e Alto Douro and Beira Alta.

Distribution: Only known from Portugal and Spain (Schülke & Smetana, 2015).

Scopaeus (Scopaeus) laevigatus* (Gyllenhal, 1827)Paederus laevigatus* Gyllenhal, 1827: 483

Boeiro *et al.* (1999) reported it from Pavia and Mora (Alto Alentejo). Gamarra & Outerelo (2020) reported this species from Alto Alentejo.

Distribution: Widespread in Europe and Asia (Schülke & Smetana, 2015).

Scopaeus (Scopaeus) longicollis* Fauvel, 1873Scopaeus (Scopaeus) longicollis* Fauvel, 1873: 311

Quedenfeldt (1884) reported it from Serra da Estrela (Beira Alta). Frisch (1996) recorded 2 ♂♂ from Vila Real, Cortiço/Montalegre. 30-08-69, leg. A. Senglet. Gamarra & Outerelo (2020) reported this species from Beira Alta.

Distribution: France, Germany, Italy, Portugal, Spain and Switzerland (Schülke & Smetana, 2015).

Scopaeus (Scopaeus) minimus* (Erichson, 1839)Lathrobium minimum* Erichson, 1839: 511

Seabra (1942) reported it from Coimbra (Beira Litoral) and from Portugal with no precise localities

by Horion (1965), Frisch (1998) rejected its occurrence in the country because of misidentifications so it's not mentioned in the Palaearctic Catalogue (Schülke & Smetana, 2015). Gamarra & Outerelelo (2020) mentioned this species from Beira Litoral.

Distribution: Widespread in Europe, is also known from Iran and Turkey (Schülke & Smetana, 2015).

***Scopaeus (Scopaeus) minutus* Erichson, 1840**

Scopaeus minutus Erichson, 1840: 606

Frisch (1997a) reported this species from Coimbra. Not reported from Portugal by Gamarra & Outerelelo (2020).

New data: **Minho**, Braga, Braga, Vizela, 8/04/1967, 1 ex., leg. R.N. Ferreira (cRNF). **Beira Litoral**, Coimbra, Coimbra, Pinhal de Marrocos, 3/05/1968, 1 ex., leg. R.N. Ferreira (cRNF); **Leiria**, Ansião, Avelar, 5/04/1967, leg. R.N. Ferreira (cRNF).

Distribution: Widespread in Europe, and introduced in the Nearctic Region (Schülke & Smetana, 2015).

***Scopaeus (Scopaeus) portai* Luze, 1910**

Scopaeus portai Luze, 1910: 393

Scopaeus (Hyposcopaeus) portai lusitanicus Coiffait, 1968

Frisch (1997a) synonymized *S. portai lusitanicus*, described by Coiffait (1968) from Beja, Castro Verde, 07/1961, 1 ♂ (Holotype) (cMHNG), and added the following districts: Castelo Branco, Faro, Leiria, Lisboa, Setúbal (cNHML and cMHNG), Viana do Castelo (cMHNG), Vila Real (cNHML and cMHNG). Drugman & Outerelelo (1997) repeated the record from Castro Verde of *S. portai lusitanicus*. Gamarra & Outerelelo (2020) reported this species from Minho, Trás-os-Montes e Alto Douro, Beira Alta, Beira Litoral, Beira Baixa, Estremadura and Algarve.

Distribution: Known from France, Grecia, Italia, Portugal, Spain, the Azorean archipelago, Algeria, Morocco and Tunisia (Schülke & Smetana, 2015).

***Scopaeus (Scopaeus) pusilloides* Frisch, 1997**

Scopaeus pusilloides Frisch, 1997b: 122

Frisch (1997b) described this species from Spain, 1 ♂ (Holotype) and Portugal, Castelo Branco, Manteigas, 1650 m, 16/04/1960, 1 ♂ (Paratype), leg. Besuchet (cMHNG). Gamarra & Outerelelo (2020) reported it from Beira Baixa.

Note: Manteigas is actually part of the district of Guarda (Beira Alta).

Distribution: Only known from Portugal and Spain (Schülke & Smetana, 2015).

***Scopaeus (Scopaeus) pusillus* Kiesenwetter, 1843**

Ferreira (2021a) reported it from Penamaior, 1 ex.

Distribution: Widespread in Europe and also found in Siberia and Turkey (Schülke & Smetana, 2015).

***Scopaeus (Scopaeus) sericans* Mulsant & Rey, 1855**

Scopaeus sericans Mulsant & Rey, 1855: 168

Barros (1924) reported it from S. Martinho de Anta. Not reported from Portugal by Schülke & Smetana (2015) or Gamarra & Outerelelo (2020), we considered it a species in need of confirmation.

Distribution: It is known from Austria, Czech Republic, France, Germany, Italy, Poland, Switzerland and Ukraine (Schülke & Smetana, 2015), and Spain (Gamarra & Outerelelo, 2020).

***Scopaeus (Scopaeus) sulcicollis* (Stephens, 1833)**

Astenus sulcicollis Stephens, 1833: 277

Seabra (1942) recorded this species from Coimbra. Not reported from Portugal in the Palaearctic

Catalogue (Schülke & Smetana, 2015). Gamarra & Outerelo (2020) mentioned this species from Beira Litoral.

Distribution: Widespread in Europe, and introduced in the Australian Region (Schülke & Smetana, 2015).

Tribe Pinophilini Nordmann, 1837

Subtribe Pinophilina Nordmann, 1837

Genus *Mimopinophilus* Coiffait, 1978

Mimopinophilus siculus (Kraatz, 1857)

Pinophilus siculus Kraatz, 1857: 667

Boeiro *et al.* (1999) reported it from Tavira (Algarve). Gamarra & Outerelo (2020) reported this species from Algarve.

Distribution: Known from *Caucasus*, Italy and Portugal, Egypt and Morocco, Iran and also the Afrotropical Region (Schülke & Smetana, 2015).

Subtribe Procirrina Bernhauer & Schubert, 1912

Genus *Procirrus* Latreille, 1829

Procirrus lefebvrei lefebvrei Latreille, 1829

Procirrus lefebvrei Latreille, 1829: 436

Boeiro *et al.* (1999) reported it from Castro Marim (Algarve). Gamarra & Outerelo (2020) reported this species from Algarve.

Distribution: Known from Italy, Portugal and Spain, Algeria, Morocco and Tunisia, and also from the Afrotropical and Oriental Region (Schülke & Smetana, 2015).

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