

PORTUGUESE SPIDERS (ARANEAE): A PRELIMINARY CHECKLIST

PEDRO CARDOSO

Pcta. Metalúrgicos, 2, 1º Dto., 2835-043 Baixa da Banheira, Portugal. E-mail: pcardoso@iname.com

Abstract

Cardoso P.: Portuguese spiders (Araneae): a preliminary checklist. In GAJDOŠ P., PEKÁR S. (eds): Proceedings of the 18th European Colloquium of Arachnology, Stará Lesná, 1999. Ekológia (Bratislava), Vol. 19, Supplement 3/2000, p. 19-29.

With 642 described species and 8 subspecies, continental Portuguese spiders are still poorly known. A preliminary species checklist is presented and the country is evaluated in terms of its known spider species distribution. What has been done and what has to be done are two of the main topics to be addressed.

Introduction

Arachnology is a neglected science in Portugal. Only two Portuguese researchers have dedicated part of their life to arachnology – Amélia Bacelar and António de Barros Machado. Both of them worked in the area during the second quarter of this century and only occasional work has been done in the last 50 years, mainly by foreign researchers who saw in continental Portugal a good area to develop their studies.

The first published reference to a Portuguese spider was made by Sundevall on the occurrence of *Achaearanea lunata* (OLIVIER) in this country in 1831 (in BACELAR, 1928). Since then, many researchers have made considerable species lists, e.g. KARSCH (1893 in BACELAR, 1928), BERTKAU (1893a, 1893b in BACELAR, 1928), SIMON (1881, 1898b in BACELAR, 1928), FRANGANILLO (1920 in BACELAR, 1928), BACELAR (1927a, 1927b, 1928, 1932, 1933a, 1933b, 1933c, 1935, 1936, 1940), MACHADO (1937, 1941, 1944, 1945, 1949, 1986), SCHENKEL (1938), FERRÁNDEZ (1986, 1990a, 1990b, 1996) and BOSMANS (1994). Some other smaller papers, in terms of numbers of species, have referred to the presence of spiders in Portugal: FRADE, BACELAR (1931a, 1931b), BLAUWE (1980), BLASCO (1986), RIBERA (1988, 1993), FERRÁNDEZ, CÉSPEDES (1990), MACHADO, FERRÁNDEZ (1991), BARRIENTOS, RIBERA (1992), ROBERTS (1995), URONES et al. (1995), SNAZELL, MURPHY (1997).

Besides published papers, several important collections (e.g. Barros Machado, John Murphy, Tânia Nobre and the author) include many individuals captured in Portugal.

All these papers, together with the collections referred to, have made possible the compilation of a preliminary checklist, which includes 642 species and 8 subspecies, some of them endemic to Portugal. A map of records shows which areas are relatively well worked and which are unknown.

Material and methods

The following species checklist has been compiled. It follows the taxonomical approach of PLATNICK's catalogue (1997). For those species not represented in published collections, the location is indicated as: BMC – Barros Machado collection, JMC – John Murphy collection, PCC – Pedro Cardoso collection, TNC – Tânia Nobre collection. Doubtful records are indicated with a question mark after the species name.

List of species

ATYPIDAE

Atypus affinis EICHWALD, 1830

CTENIZIDAE

Ummidia aedificatoria (WESTWOOD, 1841)

NEMESIIDAE

Nemesia athiasi FRANGANILLO, 1920

Nemesia berlandi FRADE ET BACELAR, 1931

Nemesia caementaria (LATREILLE, 1798) ?

Nemesia dubia O. P.-CAMBRIDGE, 1874

Nemesia fagei FRADE ET BACELAR, 1931

Nemesia gravieri FRADE ET BACELAR, 1931

Nemesia hispanica L. KOCH in AUSSERER, 1871

Nemesia meridionalis (COSTA, 1835)

Nemesia simoni O. P.-CAMBRIDGE, 1874

Nemesia uncinata BACELAR, 1933

Spiroctenus lusitanus FRANGANILLO, 1920

FILISTATIDAE

Filistata insidiatrix FORSKÅL, 1775

Pritha nana (SIMON, 1868) – JMC

Pritha pallida (CHYZER ET KULCZYŃSKI, 1897)

SICARIIDAE

Loxosceles rufescens (DUFOUR, 1820)

SCYTODIDAE

Scytodes fusca WALCKENAER, 1837 – JMC

Scytodes thoracica LATREILLE, 1802

Scytodes velutina HEIN. ET LOWE, 1836

LEPTONETIDAE

Leptoneta berlandi MACHADO ET RIBERA, 1986

Leptoneta conimbricensis MACHADO ET RIBERA, 1986

Paraleptoneta synthetica MACHADO, 1951

PHOLCIDAE

Holocnemus caudatus DUFOUR, 1820

Holocnemus hispanicus WIEHLE, 1933

Holocnemus pluchei (SCOPOLI, 1763)

Pholcus opilionoides (SCHRANK, 1781)

Pholcus phalangioides (FUESSLIN, 1775)

Spermophora senoculata (DUGÈS, 1836)

SEGESTRIIDAE

Ariadna insidiatrix AUDOUIN, 1826

Segestria bavarica C. L. KOCH, 1843

Segestria florentina (ROSSI, 1790)

Segestria fusca SIMON, 1882 ? - JMC

Segestria pusiola SIMON, 1882

Segestria senoculata (LINNAEUS, 1758)

DYSDERIDAE

Dysdera alentejana FERRÁNDEZ, 1996

Dysdera cribata SIMON, 1882 ? - JMC

Dysdera crocota C. L. KOCH, 1838

Dysdera erythrina (WALCKENAER, 1802)

Dysdera falciformis BARRIENTOS ET FERRÁNDEZ, 1982

Dysdera flavitarsis SIMON, 1882 ? - JMC

Dysdera fuscipes SIMON, 1882

- Dysdera gamarrae* FERRÁNDEZ, 1984
Dysdera lusitanica KULCZYŃSKI, 1915
Dysdera machadoi FERRÁNDEZ, 1996
Dysdera nubila SIMON, 1882 ? - JMC
Harpactea algarvensis FERRÁNDEZ, 1990
Harpactea fageli BRIGNOLI, 1980
Harpactea hombergi (SCOPOLI, 1763)
Harpactea magnibulbi MACHADO ET FERRÁNDEZ, 1991
Harpactea parvula (DUFUR, 1820)
Harpactea proxima FERRÁNDEZ, 1990
Harpactea stalitoides RIBERA, 1993
Harpactea subiasi FERRÁNDEZ, 1990
Rhode scutiventris SIMON, 1882
- OONOPIDAE**
Dysderina loricata (SIMON, 1873) – JMC
Oonops sp. (MACHADO, unpubl.) – BMC
Oonops domesticus DALMAS, 1916
Oonops pulcher hispanicus DALMAS, 1916 – BMC, JMC
Oonops tubulatus DALMAS, 1916
Orchestina algerica DALMAS, 1916 – JMC
- PALPIMANIDAE**
Palpimanus gibbulus DUFUR, 1820
- MIMETIDAE**
Ero aphana (WALCKENAER, 1802)
Ero flammeola SIMON, 1881
Ero furcata (VILLERS, 1789)
Ero quadri-tuberculata KULCZYŃSKI, 1905 – BMC
Ero tuberculata (DE GEER, 1778)
- ERESIDAE**
Eresus cinnaberinus (OLIVIER, 1789)
Eresus cinnaberinus frontalis (LATREILLE, 1817)
Eresus sedilloti SIMON, 1881
Eresus solitarius SIMON, 1873 ? - JMC
Stegodyphus lineatus LATREILLE, 1817
- OECOBIIDAE**
Oecobius cellariorum (DUGÈS, 1836)
Oecobius maculatus (SIMON, 1870)
Oecobius navus BLACKWALL, 1859
Uroctea durandi (LATREILLE, 1809)
- ULOBORIDAE**
Hyptiotes flavidus (BLACKWALL, 1862)
Hyptiotes paradoxus (C. L. KOCH, 1834)
Polenecea producta (SIMON, 1873)
Uloborus plumipes LUCAS, 1846
Uloborus walckenaerius LATREILLE, 1806
- NESTICIDAE**
Nesticus lusitanicus Fage, 1931
- THERIDIIDAE**
Achaearanea açorensis (BERLAND, 1932)
Achaearanea lunata (CLERCK, 1757)
Achaearanea tepidariorum (C. L. KOCH, 1841)
Anelosimus aulicus (C. L. KOCH, 1838)
Anelosimus pulchellus (WALCKENAER, 1802)
- Argyrodes argyrodes* (WALCKENAER, 1841)
Argyrodes nasicus (SIMON, 1873)
Argyrodes rostratus BLACKWALL, 1877
Crustulina guttata (WIDER, 1834)
Crustulina scabripes SIMON, 1881
Dipoea coracina (C. L. KOCH, 1837) – JMC
Dipoea melanogaster (C. L. KOCH, 1837)
Dipoea testaceomarginata (SIMON, 1881)
Dipoea umbratilis (SIMON, 1873)
Enoplognatha diversa (BLACKWALL, 1859) – JMC
Enoplognatha franzi WÜNDERLICH, 1995 – JMC
Enoplognatha mandibularis (LUCAS, 1846)
Enoplognatha nigromarginata (LUCAS, 1846)
Enoplognatha ovata (CLERCK, 1757)
Enoplognatha testacea SIMON, 1884
Enoplognatha thoracica (HAHN, 1833)
Episinus algericus LUCAS, 1846
Episinus angulatus (BLACKWALL, 1836)
Episinus maculipes CAVANNA, 1876
Episinus truncatus LATREILLE, 1809
Euryopsis acuminata (LUCAS, 1846)
Latrodectus tredecimguttatus (ROSSI, 1790)
Neottiura bimaculatum (LINNAEUS, 1767)
Neottiura bimaculatum pellucidum (SIMON, 1873)
Nesticodes rufipes (LUCAS, 1846) – JMC
Paidiscura dromedaria (SIMON, 1880) – JMC
Paidiscura pallens (BLACKWALL, 1834)
Pholcomma gibbum (WESTRING, 1851)
Phoroncidia hankiewiczzi (KULCZYŃSKI, 1911)
Phoroncidia paradoxa (LUCAS, 1846)
Robertus arundineti (O. P.-CAMBRIDGE, 1871)
Robertus monticola SIMON, 1914
Simitidion simile (C. L. KOCH, 1836)
Steatoda albomaculata (DE GEER, 1778)
Steatoda bipunctata (LINNAEUS, 1758) – BMC
Steatoda grossa (C. L. KOCH, 1838)
Steatoda nobilis (THORELL, 1875) – JMC
Steatoda paykulliana (WALCKENAER, 1806)
Steatoda phalerata (PANZER, 1801)
Steatoda triangulosa (WALCKENAER, 1802)
Theridion blackwalli O. P.-CAMBRIDGE, 1871 – JMC
Theridion curvimanum SIMON, 1914 – JMC
Theridion impressum L. KOCH, 1881
Theridion melanostictum O. P.-CAMBRIDGE, 1876 – JMC
Theridion melanurum HAHN, 1831
Theridion musivum SIMON, 1873
Theridion mystaceum L. KOCH, 1870 – JMC, PCC
Theridion nigropunctatum Lucas, 1846
Theridion petraeum L. KOCH, 1872 – JMC
Theridion pinastri L. KOCH, 1872
Theridion pyrenaicum DENIS, 1944 – JMC
Theridion sisyphium (CLERCK, 1757)
Theridion tinctum (WALCKENAER, 1802)

- Theridion uncinatum* LUCAS, 1846
Theridion varians HAHN, 1833
Theridion varians rusticum (SIMON, 1873)
Theridula gonygaster SIMON, 1873 – JMC
Theridula opulenta (WALCKENAER, 1841)
MYSMENIDAE
Cepheia longiseta (SIMON, 1881) – JMC
LINYPHIIDAE
Acartauchenius depressifrons (SIMON, 1884)
Acartauchenius nasutus (O. P.-CAMBRIDGE, 1879)
Alioranus pauper (SIMON, 1881) – JMC
Araeoncus humilis (BLACKWALL, 1841)
Bathypantes gracilis (BLACKWALL, 1841)
Bolyphantes nigropictus SIMON, 1884
Centromerita concinna (THORELL, 1875)
Centromerus dilutus (O. P.-CAMBRIDGE, 1875)
Centromerus pabulator (O. P.-CAMBRIDGE, 1875)
Centromerus paradoxus (SIMON, 1884)
Centromerus prudens (O. P.-CAMBRIDGE, 1873)
Ceratinella brevipes (WESTRING, 1851) – JMC
Ceratinopsis romana (O. P.-CAMBRIDGE, 1872)
Cephalocotes obscurus (BLACKWALL, 1834)
Diplocephalus graecus (O. P.-CAMBRIDGE, 1872) – JMC
Diplocephalus permixtus (O. P.-CAMBRIDGE, 1871)
Erigone atra BLACKWALL, 1833
Erigone dentipalpis (WIDER, 1834)
Erigone promiscua (O. P.-CAMBRIDGE, 1872)
Erioponopus globipes (L. KOCH, 1872) ? - JMC
Frontinellina frutetorum (C. L. KOCH, 1834)
Gnathonarium dentatum (WIDER, 1834)
Gonatum ensipotens (SIMON, 1881)
Gongylidiellum vivum (O. P.-CAMBRIDGE, 1875)
Helophora insignis (BLACKWALL, 1841)
Hybocoptus corrugis (O. P.-CAMBRIDGE, 1872) – JMC
Hybocoptus decollatus (SIMON, 1881)
Hypomma cornutum (BLACKWALL, 1833)
Lepthyphantes bacelari SCHENKEL, 1938
Lepthyphantes berlandi FAGE, 1931 – BMC
Lepthyphantes bolivari FAGE, 1931
Lepthyphantes cernuus SIMON, 1884 – JMC
Lepthyphantes flavipes (BLACKWALL, 1854)
Lepthyphantes homonymus DENIS, 1934
Lepthyphantes keyserlingi (AUSSERER, 1867)
Lepthyphantes leprosus (OHLERT, 1865)
Lepthyphantes mansuetus (THORELL, 1875) – JMC
Lepthyphantes stygius SIMON, 1884
Lepthyphantes tenebricola (WIDER, 1834)
Lepthyphantes tenuis (BLACKWALL, 1852)
Lepthyphantes zimmermanni (BERTKAU, 1890) – BMC
Lepthyphantes zonatus SIMON, 1884
Lessertia denticelalis (SIMON, 1884)
Linyphia triangularis (CLERCK, 1757)
Linyphia ulicicolens FRANGANILLO, 1920
Mecopisthes crassirostris (SIMON, 1884)
Megalephyphantes collinus (L. KOCH, 1872)
Megalephyphantes collinus occidentalis MACHADO, 1949
Meioneta fuscipalpus (C. L. KOCH, 1836)
Meioneta rurestris (C. L. KOCH, 1836)
Microctenonyx subitaneus (O. P.-CAMBRIDGE, 1875)
Microlinyphia pusilla (SUNDEVALL, 1830)
Nematogmus sanguinolentus (WALCKENAER, 1841)
Neriere clathrata (SUNDEVALL, 1830)
Neriere furtiva (O. P.-CAMBRIDGE, 1870)
Neriere radiata (WALCKENAER, 1841)
Oedothorax fuscus (BLACKWALL, 1834)
Oedothorax retusus (WESTRING, 1851)
Ostearius melanopygius (O. P.-CAMBRIDGE, 1879)
Parapelecopsis mediocris (KULCZYŃSKI, 1899)
Parapelecopsis nemoralis (BLACKWALL, 1841) – JMC
Pelecopsis inedita (O. P.-CAMBRIDGE, 1875)
Pelecopsis suzannae (SIMON, 1915)
Prinerigone vagans (AUDOUIN, 1826)
Saaristoa abnormis (BLACKWALL, 1841)
Stemonyphantes lineatus (LINNAEUS, 1758)
Tiso vagans (BLACKWALL, 1834) – JMC
Trichoncus scrofa SIMON, 1884
Trichoncus trifidus DENIS, 1965 – JMC
Trichopterna cucurbitina (SIMON, 1881)
Troxochrus scabriculus (WESTRING, 1851)
Turinyphia clairi (SIMON, 1884)
Walckenaeria acuminata BLACKWALL, 1833
Walckenaeria atrotibialis O. P.-CAMBRIDGE, 1878 – JMC
Walckenaeria corniculans (O. P.-CAMBRIDGE, 1875)
Walckenaeria erythrina (SIMON, 1884)
TETRAGNATHIDAE
Meta bourneti SIMON, 1922
Meta menardi (LATREILLE, 1804)
Meta nigra FRANGANILLO, 1920
Metellina mengei (BLACKWALL, 1869)
Metellina merianae (SCOPOLI, 1763)
Metellina segmentata (CLERCK, 1757)
Pachygnatha clercki SUNDEVALL, 1823
Pachygnatha degeeri SUNDEVALL, 1830
Tetragnatha extensa (LINNAEUS, 1758)
Tetragnatha montana SIMON, 1874
Tetragnatha nigrata LENDL, 1886 – JMC
Tetragnatha nitens (AUDOUIN, 1826)
Tetragnatha obtusa C. L. KOCH, 1837
Tetragnatha trichodes THORELL, 1878
ARANEIDAE
Aculepeira armida (AUDOUIN, 1825)
Aculepeira carbonaria (L. KOCH, 1869)
Aculepeira ceropegia (WALCKENAER, 1802)
Agalenatea redii (SCOPOLI, 1763)
Araneus angulatus CLERCK, 1757
Araneus diadematus CLERCK, 1757

Araneus grossus (C. L. KOCH, 1844)
Araneus marmoreus CLERCK, 1757
Araneus pallidus (OLIVIER, 1789)
Araneus pyreneus (SIMON, 1874)
Araneus quadratus CLERCK, 1757
Araneus sericeus (FRANGANILLO, 1918)
Araneus spinivulvus (DUFOUR, 1835)
Araneus sturmi (HAHN, 1831)
Araneus triangulosus (FRANGANILLO, 1913)
Araneus triguttatus (FABRICIUS, 1775)
Araniella cucurbitina (CLERCK, 1757)
Araniella opisthographa (KULCZYŃSKI, 1905)
Argiope acuminata FRANGANILLO, 1920
Argiope bruennichi (SCOPOLI, 1772)
Argiope lobata (PALLAS, 1772)
Argiope trifasciata (FORSKÅL, 1775) – JMC, PCC
Cercidia prominens (WESTRING, 1851)
Cyclosa algerica SIMON, 1885
Cyclosa conica (PALLAS, 1772)
Cyclosa insulana (COSTA, 1834)
Cyclosa sierrae SIMON, 1870
Cyrtophora citricola (FORSKÅL, 1775)
Gibbaranea bituberculata (WALCKENAER, 1802)
Gibbaranea gibbosa (WALCKENAER, 1802)
Gibbaranea ulrichi (HAHN, 1835)
Hypsosinga albovittata (WESTRING, 1851)
Hypsosinga heri (HAHN, 1831)
Hypsosinga pygmaea (SUNDEVALL, 1831)
Hypsosinga sanguinea (C. L. KOCH, 1844)
Larinia lineata (LUCAS, 1846)
Larinioides cornutus (CLERCK, 1757)
Larinioides patagiatus (CLERCK, 1757)
Larinioides scolopetarius (CLERCK, 1757)
Mangora acalypha (WALCKENAER, 1802)
Nemosculus laurae (SIMON, 1868)
Neoscona adianta (WALCKENAER, 1802)
Neoscona subfusca (C. L. KOCH, 1837)
Nuctenea umbratica (CLERCK, 1757)
Singa lucina (AUDOUIN, 1826)
Singa nitidula (C. L. KOCH, 1844)
Singa sanguinea (C. L. KOCH, 1844) – BMC
Zilla didia (WALCKENAER, 1802)
Zygiella atrica (C. L. KOCH, 1845)
Zygiella keyserlingi (AUSSERER, 1871)
Zygiella kochi (THORELL, 1870)
Zygiella montana (C. L. KOCH, 1834)
Zygiella stroemi (THORELL, 1870)
Zygiella x-notata (CLERCK, 1757)

LYCOSIDAE

Allocosa dufouri (SIMON, 1876)
Alopecosa albofasciata (BRULLÉ, 1832)
Alopecosa alpicola (SIMON, 1876) – PCC
Alopecosa barbipes (SUNDEVALL, 1833)

Alopecosa cuneata (CLERCK, 1757)
Alopecosa pulverulenta (CLERCK, 1757)
Alopecosa simoni (THORELL, 1872)
Alopecosa trabalis (CLERCK, 1757)
Arctosa cinerea (FABRICIUS, 1777)
Arctosa excellens (SIMON, 1876)
Arctosa fulvolineata (LUCAS, 1846)
Arctosa lacustris (SIMON, 1876)
Arctosa letourneuxi (SIMON, 1885) ? - JMC
Arctosa perita (LATREILLE, 1799)
Arctosa variana C. L. KOCH, 1847 – BMC, JMC
Arctosa villica (LUCAS, 1846)
Hogna hispanica (WALCKENAER, 1837)
Hogna radiata (LATREILLE, 1817)
Lycosa alba FRANGANILLO, 1913
Lycosa virgulata FRANGANILLO, 1920
Pardosa hortensis (THORELL, 1872)
Pardosa lugubris (WALCKENAER, 1802)
Pardosa monticola (CLERCK, 1757)
Pardosa morosa (L. KOCH, 1870) ? - JMC
Pardosa nigriceps (THORELL, 1856)
Pardosa occidentalis SIMON, 1881
Pardosa proxima (C. L. KOCH, 1847)
Pardosa proxima poetica SIMON, 1876
Pardosa pseudostrigillata TONGIORGI, 1966 – JMC
Pardosa pullata (CLERCK, 1757)
Pardosa strigillata SIMON, 1876
Pardosa venatrix (LUCAS, 1846)
Pirata latitans (BLACKWALL, 1841)
Pirata piraticus (CLERCK, 1757)
Trochosa ruricola (DE GEER, 1778)
Trochosa terricola THORELL, 1856
Xerolycosa miniata (C. L. KOCH, 1834)
Xerolycosa nemoralis (WESTRING, 1861)

PISAURIDAE

Pisaura mirabilis (CLERCK, 1757)

OXYOPIDAE

Oxyopes globifer SIMON, 1876 (n. sp., MACHADO, unpubl.)
Oxyopes heterophthalmus LATREILLE, 1804
Oxyopes lineatus LATREILLE, 1806
Oxyopes nigrispinis KULCZYŃSKI, 1891

ZOROPSIDAE

Zoropsis media SIMON, 1878
Zoropsis spinimana (DUFOUR, 1820)

AGELENIDAE

Agelena agelenoides (WALCKENAER, 1844)
Agelena labyrinthica (CLERCK, 1757)
Histopona torpida (C. L. KOCH, 1834)
Lycosoides coarctatus (DUFOUR, 1831)
Malthonica lusitanica SIMON, 1898
Tegenaria agrestis (WALCKENAER, 1802)
Tegenaria atrica C. L. KOCH, 1843
Tegenaria bucculenta (KOCH, 1868)

Tegenaria campestris C. L. KOCH, 1834
Tegenaria domestica (CLERCK, 1757)
Tegenaria duellica SIMON, 1875
Tegenaria feminea SIMON, 1870
Tegenaria ferruginea (PANZER, 1804)
Tegenaria fuesslini PAVESI, 1873
Tegenaria inermis SIMON, 1870
Tegenaria montigena SIMON, 1937
Tegenaria nigra FRANGANILLO, 1920
Tegenaria pagana C. L. KOCH, 1840
Tegenaria parietina (FOURCROY, 1785)
Tegenaria picta SIMON, 1870
Tegenaria ramblae BARRIENTOS, 1978
Tegenaria saeva BLACKWALL, 1844
Textrix caudata L. KOCH, 1872
Textrix denticulata (OLIVIER, 1789)
Textrix piticola SIMON, 1875

HAHNIIDAE

Antistea elegans (BLACKWALL, 1841)
Hahnia candida SIMON, 1875
Hahnia nava (BLACKWALL, 1841)

DICTYNIDAE

Ajmonia gratiosa (SIMON, 1881)
Archaeodictyna consecuta (O. P.-CAMBRIDGE, 1872)
Chorizomma subterraneum SIMON, 1872
Dictyna arundinacea (LINNAEUS, 1758)
Dictyna civica (LUCAS, 1850)
Dictyna latens (FABRICIUS, 1775)
Dictyna uncinata THORELL, 1856
Lathys affinis (BLACKWALL, 1862) – JMC
Lathys humilis (BLACKWALL, 1855) – BMC, PCC
Lathys jubata (DENIS, 1947) – JMC
Lathys narbonensis (SIMON, 1876) – JMC
Marilynia bicolor (SIMON, 1871)
Mastigusa arietina (THORELL, 1871)
Mastigusa macrophthalma (KULCZYŃSKI, 1897) ?
Nigma flavescens (WALCKENAER, 1830)
Nigma hortensis (SIMON, 1870)
Nigma puella (SIMON, 1870)
Nigma walckenaeri (ROEWER, 1951)

AMAUROBIIDAE

Amaurobius erberi (KEYSERLING, 1863)
Amaurobius ferox (WALCKENAER, 1830)
Amaurobius obustus L. KOCH, 1868
Amaurobius occidentalis SIMON, 1892
Amaurobius scopoli THORELL, 1871

TITANOECIDAE

Nurscia albomaculata (LUCAS, 1846) – TNC
Nurscia sequeirai (SIMON, 1892)
Titanoeca praefica (SIMON, 1870) – JMC, PCC
Titanoeca tristis L. KOCH, 1872 – JMC

ANYPHAENIDAE

Anyphaena accentuata (WALCKENAER, 1802)

Anyphaena alboirrorata SIMON, 1878

Anyphaena numida SIMON, 1896

Anyphaena sabina L. KOCH, 1866

LIOCRANIDAE

Agraecina lineata (SIMON, 1878) – PCC
Agroeca inopina O. P.-CAMBRIDGE, 1886
Apostenus fuscus WESTRING, 1851
Apostenus humilis SIMON, 1932 – BMC
Liocranum majus SIMON, 1878
Liocranum rupicola (WALCKENAER, 1830)
Liocranum segmentatum SIMON, 1878 – JMC
Liophurillus flavitarsis (LUCAS, 1846)
Mesiotelus mauritanicus SIMON, 1909
Mesiotelus tenuissimus (L. KOCH, 1866)
Phrurolinillus tibialis (SIMON, 1878)
Phrurolithus festivus (C. L. KOCH, 1835)
Phrurolithus nigrinus (SIMON, 1878)
Scotina celans (BLACKWALL, 1841)
Scotina palliardi (L. KOCH, 1881)

CLUBIONIDAE

Cheiracanthium erraticum (WALCKENAER, 1802)
Cheiracanthium mildei L. KOCH, 1864
Cheiracanthium pelagicum (C. L. KOCH, 1837)
Cheiracanthium punctorium (VILLERS, 1789)
Cheiracanthium seldlitzii (L. KOCH, 1864)
Cheiracanthium striolatum SIMON, 1878
Cheiracanthium virescens (SUNDEVALL, 1833)
Clubiona aducta SIMON, 1932
Clubiona brevipes BLACKWALL, 1841
Clubiona comta C. L. KOCH, 1839
Clubiona corticalis (WALCKENAER, 1802)
Clubiona decora BLACKWALL, 1859
Clubiona diniensis SIMON, 1878
Clubiona frutetorum L. KOCH, 1867
Clubiona genevensis L. KOCH, 1866 – JMC
Clubiona leucaspis SIMON, 1932
Clubiona neglecta O. P.-CAMBRIDGE, 1862
Clubiona terrestris WESTRING, 1851
Clubiona vegeta SIMON, 1918

CORINNIDAE

Trachelas amabilis SIMON, 1878 ? - JMC
Trachelas validus SIMON, 1881

ZODARIIDAE

Storena reticulata (SIMON, 1870)
Zodarion alacre (SIMON, 1870)
Zodarion algarvense BOSMANS, 1994
Zodarion elegans (SIMON, 1873)
Zodarion fuscum (SIMON, 1870)
Zodarion jozefienae BOSMANS, 1994
Zodarion machadoi DENIS, 1939
Zodarion maculatum (SIMON, 1870)
Zodarion rudyi BOSMANS, 1994 – JMC
Zodarion styliferum (SIMON, 1870)

Zodarion viduum DENIS, 1937

PRODIDOMIDAE

Prodidomus amaranthinus (LUCAS, 1846) – JMC

GNAPHOSIDAE

Aphantaulax cincta (L. KOCH, 1866)

Aphantaulax seminigra SIMON, 1878

Berlandina plumalis (O. P.-CAMBRIDGE, 1872)

Callilepis concolor SIMON, 1914

Callilepis nocturna (LINNAEUS, 1758)

Drassodes fugax (SIMON, 1878)

Drassodes lapidosus (WALCKENAER, 1802)

Drassodes luteomicans (SIMON, 1878)

Drassodes villosus (THORELL, 1856)

Drassyllus villicus (THORELL, 1875)

Haplodrassus dalmatensis (L. KOCH, 1866)

Haplodrassus dalmatensis pictus (THORELL, 1875) – JMC

Haplodrassus macellinus hebes (O. P.-CAMBRIDGE, 1874)

Haplodrassus severus (C. L. KOCH, 1839)

Haplodrassus signifer (C. L. KOCH, 1839)

Haplodrassus umbratilis (L. KOCH, 1866)

Leptodrassus femineus (SIMON, 1873)

Leptodrassus hylaestomachi BERLAND, 1934 – JMC

Leptodrassus tenerrimus O. P.-CAMBRIDGE, 1872

Micaria canestrinii ROEWER, 1951

Micaria dives (LUCAS, 1846)

Micaria formicaria (SUNDEVALL, 1832)

Micaria fulgens (WALCKENAER, 1802)

Micaria guttigera SIMON, 1878

Micaria pulicaria (SUNDEVALL, 1832)

Micaria romana L. KOCH, 1866

Nomisia aussereri (L. KOCH, 1872)

Nomisia exornata (C. L. KOCH, 1839)

Nomisia fagei DALMAS, 1921

Phaeoecelus braccatus (L. KOCH, 1866)

Poecilochroa albomaculata (LUCAS, 1846)

Poecilochroa dimidiata auspex (SIMON, 1878)

Poecilochroa variana (C. L. KOCH, 1839)

Pterotricha simoni DALMAS, 1921 – JMC

Scotophaeus blackwalli isabellinus SIMON, 1873 – JMC

Scotophaeus musculus (SIMON, 1878)

Scotophaeus retusus (SIMON, 1878)

Scotophaeus scutulatus (L. KOCH, 1866)

Trachyzelotes barbatus (L. KOCH, 1866)

Trachyzelotes costatus (DENIS, 1952) – JMC

Trachyzelotes fuscipes (L. KOCH, 1866) – BMC, JMC

Trachyzelotes holosericeus (SIMON, 1878)

Trachyzelotes mutabilis (SIMON, 1878)

Trachyzelotes pedestris (C. L. KOCH, 1839) – TNC

Zelominor algarvensis SNAZELL ET MURPHY, 1997

Zelotes callidus (SIMON, 1878) – BMC

Zelotes caucasicus (L. KOCH, 1866)

Zelotes civicus (SIMON, 1878)

Zelotes dentatidens SIMON, 1914

Zelotes erebeus (THORELL, 1871) – BMC

Zelotes fulvopilosus (SIMON, 1878)

Zelotes fuscipes (SIMON, 1878)

Zelotes latreillei (SIMON, 1878)

Zelotes longipes (L. KOCH, 1867) – PCC

Zelotes manius (SIMON, 1878)

Zelotes ruscinensis SIMON, 1914

Zelotes spadix (L. KOCH, 1866) – JMC

Zelotes subterraneus (C. L. KOCH, 1833)

Zelotes tenuis (L. KOCH, 1866)

Zelotes thorelli SIMON, 1914

ZORIDAE

Zora nemoralis (BLACKWALL, 1861)

Zora spinimana (SUNDEVALL, 1833)

HETEROPODIDAE

Eusparassus dufouri SIMON, 1932 – JMC

Micrommata ligurina (C. L. KOCH, 1845)

Micrommata virescens (CLERCK, 1757)

Micrommata virescens ornata (WALCKENAER, 1802)

Olios argelasius (WALCKENAER, 1805)

PHILODROMIDAE

Philodromus albidus KULCZYŃSKI, 1911

Philodromus albopictus SIMON, 1875

Philodromus aureolus (CLERCK, 1757)

Philodromus buxi SIMON, 1884 – JMC

Philodromus dispar WALCKENAER, 1826

Philodromus emarginatus (SCHRANK, 1803)

Philodromus emarginatus lusitanicus KULCZYŃSKI, 1911

Philodromus fallax SUNDEVALL, 1833

Philodromus glaucinus SIMON, 1870

Philodromus histrio (LATREILLE, 1819)

Philodromus lividus (SIMON, 1875)

Philodromus margaritatus (CLERCK, 1757)

Philodromus poecilus (THORELL, 1872)

Philodromus pulchellus LUCAS, 1846

Philodromus ruficapillus SIMON, 1885

Philodromus rufus WALCKENAER, 1826

Thanatus formicinus (CLERCK, 1757)

Thanatus lineatipes SIMON, 1870

Thanatus sabulosus (MENGE, 1875) – TNC

Thanatus vulgaris SIMON, 1870

Tibellus macellus SIMON, 1875

Tibellus maritimus (MENGE, 1875) – JMC

Tibellus oblongus (WALCKENAER, 1802)

THOMISIDAE

Coriarachne depressa (C. L. KOCH, 1837) – JMC

Diaea dorsata (FABRICIUS, 1777)

Heriaeus hirtus (LATREILLE, 1819)

Heriaeus melloteei SIMON, 1886

Misumena occidentalis (KULCZYŃSKI, 1911)

Misumena vatia (CLERCK, 1757)

Misumenops tricuspidatus (FABRICIUS, 1775)

Monaeses paradoxus (LUCAS, 1846)

- Ozyptila atomaria* (PANZER, 1801)
Ozyptila baudueri SIMON, 1877
Ozyptila bicuspis SIMON, 1932
Ozyptila blitea SIMON, 1875
Ozyptila paucilla (SIMON, 1870)
Ozyptila rauda SIMON, 1875
Ozyptila simplex (O. P.-CAMBRIDGE, 1862)
Ozyptila umbraculorum SIMON, 1932
Pistiis truncatus (PALLAS, 1772)
Runcinta grammica (C. L. KOCH, 1837)
Synema globosum (FABRICIUS, 1775)
Thomisus onustus WALCKENAER, 1806
Tmarus piger (WALCKENAER, 1802)
Tmarus piochardi (SIMON, 1866)
Xysticus acerbus THORELL, 1872
Xysticus audax (SCHRANK, 1803)
Xysticus bifasciatus C. L. KOCH, 1837
Xysticus bufo (DUFUR, 1820)
Xysticus cor CANESTRINI, 1873
Xysticus cristatus (CLERCK, 1757)
Xysticus desidiosus SIMON, 1875
Xysticus erraticus (BLACKWALL, 1834)
Xysticus ferrugineus MENGE, 1876
Xysticus kempelini THORELL, 1872
Xysticus kochi THORELL, 1872
Xysticus lanio C. L. KOCH, 1835
Xysticus lineatus (WESTRING, 1851)
Xysticus nigrotrivittatus SIMON, 1870
Xysticus ninnii THORELL, 1872
Xysticus nubilus (SIMON, 1875)
Xysticus pulcher FRANGANILLO, 1920
Xysticus robustus (HAHN, 1832)
Xysticus sabulosus (Hahn, 1832)
Xysticus semicarinatus SIMON, 1932
Xysticus tortuosus SIMON, 1932
Xysticus ulmi (HAHN, 1832)
- SALTICIDAE**
- Aelurillus affinis* (LUCAS, 1846)
Aelurillus monardi (LUCAS, 1846)
Aelurillus v-insignitus (CLERCK, 1757)
Ballus chalybeius (WALCKENAER, 1802)
Ballus rufipes (SIMON, 1868)
Ballus variegatus SIMON, 1876
Bianor albobimaculatus (LUCAS, 1846)
Bianor aurocinctus (OHLERT, 1865) – JMC
Carrhotus xanthogramma (LATREILLE, 1819)
Chalcoscirtus infimus (SIMON, 1868)
Cyrba algerina (LUCAS, 1846)
Euophrys alticola DENIS, 1955 – JMC
Euophrys difficilis (SIMON, 1868)
Euophrys erratica (WALCKENAER, 1826)
Euophrys frontalis (WALCKENAER, 1802) – JMC
Euophrys gambosa (SIMON, 1868) – JMC
Euophrys herbigrada (SIMON, 1871) – PCC
Euophrys innotata (SIMON, 1868)
Euophrys lanigera (SIMON, 1871)
Euophrys rufibarbis (SIMON, 1868)
Euophrys semiglabrata (SIMON, 1868)
Euophrys sulfurea (L. KOCH, 1867)
Euophrys terrestris (SIMON, 1871)
Evarcha jucunda (LUCAS, 1846)
Evarcha laetabunda (C. L. KOCH, 1846)
Heliophanus agricola WESOŁOWSKA, 1986 – JMC
Heliophanus auratus C. L. KOCH, 1835
Heliophanus cupreus (WALCKENAER, 1802)
Heliophanus flavipes (C. L. KOCH, 1832)
Heliophanus kochi SIMON, 1868
Heliophanus lineiventris SIMON, 1868
Heliophanus recurvus SIMON, 1868
Heliophanus rufithorax SIMON, 1868
Icius congener SIMON, 1871 – JMC
Icius hamatus (C. L. KOCH, 1846)
Icius mimianus FRANGANILLO, 1910
Icius notabilis (SIMON, 1871)
Leptorchestes berolinensis C. L. KOCH, 1846
Leptorchestes mutilloides (LUCAS, 1846)
Macaroeris cata (BLACKWALL, 1867) – JMC
Macaroeris nidicolens (WALCKENAER, 1802)
Menemerus bivittatus (DUFUR, 1831)
Menemerus illigeri (AUDOUIN, 1826)
Menemerus semilimbatus (HAHN, 1829)
Menemerus taeniatus (L. KOCH, 1867) – JMC
Myrmarachne formicaria (DE GEER, 1778)
Neaetha membrosa (SIMON, 1868)
Neon levis (SIMON, 1871)
Neon rayi (SIMON, 1875) – JMC
Pellenes geniculatus (SIMON, 1868)
Pellenes nigrociliatus (SIMON, 1875) – JMC, TNC
Pellenes tripunctatus (WALCKENAER, 1802)
Phlaeus chrysops (PODA, 1761)
Phlegra bresnieri (LUCAS, 1846)
Phlegra fasciata (HAHN, 1826)
Phlegra loripes SIMON, 1876
Pseudicius tamaricis SIMON, 1885 ? - JMC
Saitis barbipes (SIMON, 1868)
Saitis lusitanicus SIMON, 1901
Salticus cingulatus (PANZER, 1797)
Salticus major (SIMON, 1868)
Salticus mutabilis LUCAS, 1846
Salticus olivaceus (L. KOCH, 1867) – JMC
Salticus propinquus LUCAS, 1846
Salticus scenicus (CLERCK, 1757)
Salticus zebraneus (C. L. KOCH, 1837)
Sitticus floricola (C. L. KOCH, 1837)
Sitticus pubescens (FABRICIUS, 1775)
Sitticus saltator (O. P.-CAMBRIDGE, 1868)

Synageles venator (LUCAS, 1836)
Talavera petrensis (C. L. KOCH, 1837)
Thyene imperialis (ROSSI, 1846) – JMC, TNC

Yllenus salsicola (SIMON, 1937)
Yllenus squamifer (SIMON, 1881)

Notes

This list includes unpublished references from the following collections; Barros Machado 13, John Murphy 75, the author 8, and Tânia Nobre 5.

The recorded distribution of species depends not only on their real distribution but largely on the areas where most researchers have done their collecting. This is reflected in the total number of species recorded in each UTM (Universal Transverse Mercator) square (10x10 km.), there being very few of squares with a large number of species (Fig. 1).

The squares with most species correspond to areas where individual researchers have worked. Examples of this are the following areas (and respective researchers): Porto (Machado), Douro River (Simon), Algarve (Bacelar, Murphy), Lisboa (Franganillo, Schenkel, Cardoso), Coimbra (Bertkau, Karsch, Bacelar), Guarda (Bertkau).

Most of these are littoral or near littoral areas, mainly around important urban centres. Therefore, future investigation should be conducted in inland, more remote areas, which are very poorly known at present.

Acknowledgements

I would like to thank all who have made this compilation possible, especially Barros Machado, John Murphy and Tânia Nobre who have permitted me to use their personal collection data in this paper. Special thanks to John Murphy for reviewing the species list and for his advice.

References

- BACELAR, A., 1927a: Aracnídeos Portugêses I. Bull. Soc. Port. Sc. Nat., 10, 8, p. 87-97.
BACELAR, A., 1927b: Aracnídeos Portugêses II. Bull. Soc. Port. Sc. Nat., 10, 12, p. 129-138.
BACELAR, A., 1928: Aracnídeos Portugêses III. Bull. Soc. Port. Sc. Nat., 10, 17, p. 169-203.
BACELAR, A., 1932: Inventário das Aranhas migalomorfas da Península Ibérica. Arq. Mus. Bocage, 3, p. 17-24.
BACELAR, A., 1933a: Araignées theraphoses nouvelles ou peu connues de la faune ibérique. Bull. Soc. Port. Sc. Nat., 11, 26, p. 285-290.
BACELAR, A., 1933b: Sur les mœurs des *Nemesia* et des *Pachylomerus*. Bull. Soc. Port. Sc. Nat., 11, 27, p. 291-294.
BACELAR, A., 1933c: Aracnídeos Portugêses IV. Bull. Soc. Port. Sc. Nat., 11, 28, p. 295-306.
BACELAR, A., 1935: Aracnídeos Portugêses V. Bull. Soc. Port. Sc. Nat., 12, 7, p. 33-39.
BACELAR, A., 1936: Notas aracnológicas III. Bull. Soc. Port. Sc. Nat., 12, 24, p. 179-183.
BACELAR, A., 1940: Aracnídeos Portugêses VI. Bull. Soc. Port. Sc. Nat., 13, 20, p. 99-110.
BARRIENTOS, J.A., RIBERA, C., 1992: Adiciones a la fauna de Portugal. Descripción del macho de *Tegenaria ramblae* Barrientos, 1978 (Araneae, Agelenidae). Bol. Soc. Port. Ent., 3, 1, p. 119-128.
BLASCO, A., 1986: El género *Nemesia* Audouin 1925. (Arachnida: Ctenizidae) en Cataluña. P. Dept. Zool. Barcelona, 12, p. 41-49.

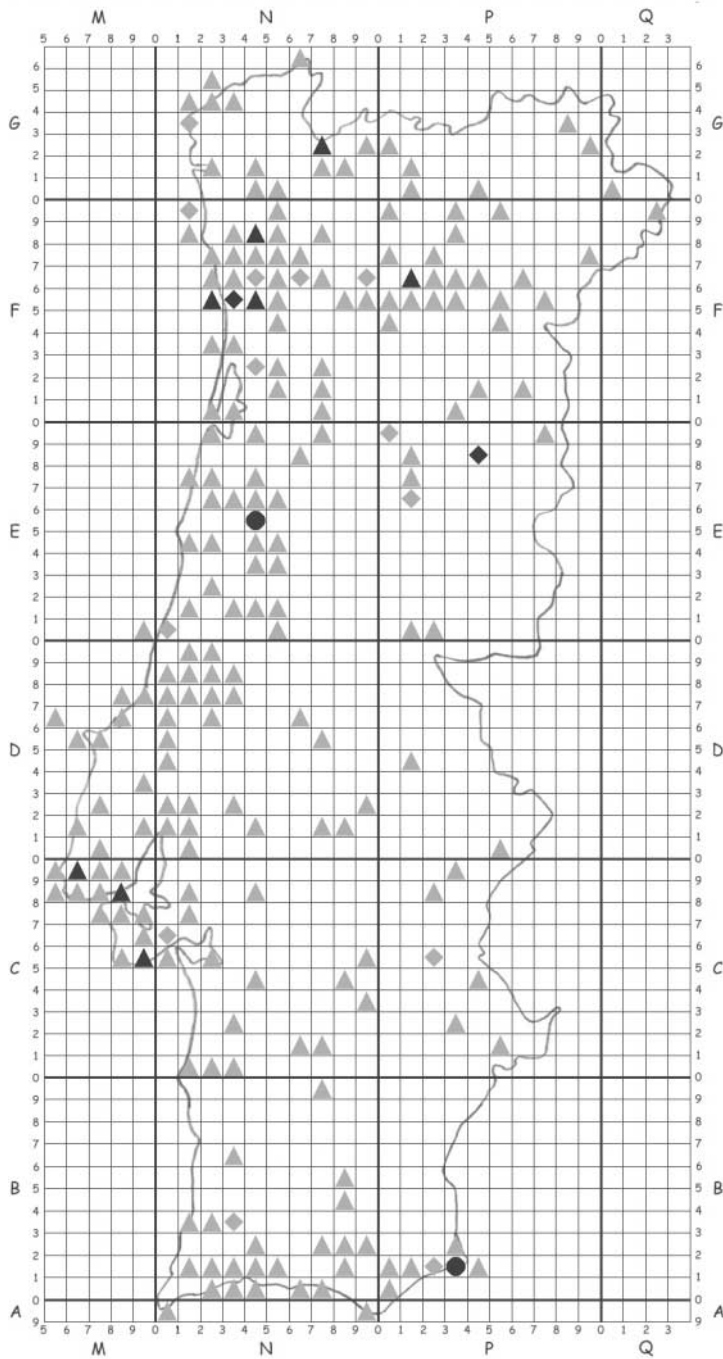


Fig. 1. Continental Portugal divided into UTM squares, showing the number of species known to occur in each square. Number of species: 1-30 (▲), 31-60 (◆), 61-90 (▲), 91-120 (◆), >120 (●).

- BLAUWE, R., 1980: Revision de la famille des Agelenidae (Araneae) de la region Mediterraneenne (2^e partie). Bull. Inst. R. Sci. Nat. Belg., 52, 1, p. 1-54.
- BOSMANS, R., 1994: Revision of the genus *Zodarion* Walckenaer 1833 in the Iberian Peninsula and Balearic Islands (Araneae, Zodariidae). Eos, 69, p. 115-142.
- FERRÁNDEZ, M.A., 1986: Los Dysderidae (Araneae) de la fauna portuguesa. Bol. Soc. Port. Ent., Supl. 1, 4, p. 17-24.
- FERRÁNDEZ, M.A., 1990a: Notas sobre los disdéridos ibéricos IV. Cartografía y aportaciones a la biología de *Rhode scutiventris* Simon, 1882 (Araneae: Dysderidae). Bol. Asoc. Esp. Entom., 14, p. 33-40.
- FERRÁNDEZ, M.A., 1990b: Notas sobre los disdéridos ibéricos VII. Descripción de tres nuevas especies del género *Harpactea* Bristowe, 1939 (Araneae, Dysderidae) del sur de Portugal. Bol. R. Soc. Esp. Hist. Nat. (Sec. Biol.), 86, 1-4, p. 31-38.
- FERRÁNDEZ, M.A., 1996: Notas sobre los Disdéridos ibéricos VIII. Nuevas especies del género *Dysdera* Latreille, 1804 (Araneae, Dysderidae). Bol. R. Soc. Esp. Hist. Nat. (Sec. Biol.), 92, 1-4, p. 75-83.
- FERRÁNDEZ, M.A., DE CÉSPEDES, H.F., 1990: Nuevos datos sobre las especies ibéricas del género *Harpactea* Bristowe, 1939 (Araneae, Dysderidae). Bol. R. Soc. Esp. Hist. Nat. (Sec. Biol.), 86, 1-4, p. 39-53.
- FRADE, F., BACELAR, A., 1931a: Révision des *Nemesia* de la faune ibérique et description d'espèces nouvelles de ce genre. Bull. Mus. Hist. Nat. Paris, 3, 2, p. 222-238.
- FRADE, F., BACELAR, A., 1931b: Révision des *Pachylomerus* de la région Méditerranéenne. Bull. Mus. Hist. Nat. Paris, 3, 6, p. 507-512.
- MACHADO, A. DE B., 1937: Aranhas novas para a fauna Portuguesa. Mem. Est. Mus. Zool. Un. Coimbra, 1, 107, p. 1-7.
- MACHADO, A. DE B., 1941: Araignées nouvelles pour la faune portugaise (II). Mem. Est. Mus. Zool. Un. Coimbra, 1, 117, p. I-XVI+1-60.
- MACHADO, A. DE B., 1944: Observations inédites sur le colulus et les filières de quelques Aranéides, accompagnées de notes critiques sur la morphologie comparée des filières. Arq. Mus. Bocage, 15, p. 13-52.
- MACHADO, A. DE B., 1945: A propos de l'appareil respiratoire des "Leptonetidae" (Araneae). Pub. Mus. Zool. Porto, 23, p. 131-135.
- MACHADO, A. DE B., 1949: Araignées nouvelles pour la faune portugaise (III). Mem. Est. Mus. Zool. Un. Coimbra, 1, 191, p. 1-69.
- MACHADO, A. DE B., 1986: Araneidos cavernícolas de Portugal: familia Leptonetidae (Araneae). Actas X Congr. Int. Aracnol., 1, p. 355-366.
- MACHADO, A. DE B., FERRÁNDEZ, M.A., 1991: *Harpactea magnibulbi* n. sp. un nuevo disdérido (Araneae, Dysderidae), del sur de Portugal. Bol. R. Soc. Esp. Hist. Nat. (Sec. Biol.), 87, 1-4, p. 53-60.
- PLATNICK, N.I., 1997: Advances in Spider Taxonomy 1992-1995 with Redescriptions 1940-1980. New York Entomological Society & The American Museum of Natural History, New York, 976 pp.
- RIBERA, C., 1988: Descripción del macho de *Nesticus lusitanicus* Fage 1931. (Araneae, Nesticidae). P. Dept. Zool. Barcelona, 14, p. 37-42.
- RIBERA, C., 1993: *Dysdera caeca* n. sp. y *Harpactea stalitoides* n. sp. (Araneae), dos nuevas especies cavernícolas de Marruecos y Portugal. Revue Arachnologique, 10, 1, p. 1-7.
- ROBERTS, M.J., 1995: Spiders of Britain & Northern Europe. Harper Collins Publishers, London, 383 pp.
- SCHENKEL, E., 1938: Spinnentiere von der Iberischen Halbinsel. Ark. f. Zool., Stockholm, 30A, 24, p. 1-29.
- SIMON, E., 1881: Descriptions d'Arachnides nouveaux d'Espagne et de Portugal. Ann. Soc. Esp. Hist. Nat., 10, p. 133-136.
- SIMON, E., 1914: Les Arachnides de France. 6(1). Roret, Paris, p. 1-307.
- SIMON, E., 1926: Les Arachnides de France. 6(2). Roret, Paris, p. 308-532.
- SIMON, E., 1929: Les Arachnides de France. 6(3). Roret, Paris, p. 533-772.
- SIMON, E., 1932: Les Arachnides de France. 6(4). Roret, Paris, p. 773-978.
- SIMON, E., 1937: Les Arachnides de France. 6(5). Roret, Paris, p. 979-1298.
- SNAZELL, R., MURPHY, J.A., 1997: *Zelominor* (Araneae, Gnaphosidae), a new genus of zelotine spider from the Western Mediterranean region. Bull. Br. Arachnol. Soc. 10, 7, p. 260-264.
- URONES, C., BARRIENTOS, J.A., ESPUNY, A. 1995. El género *Anyphaena* Sundevall, 1833 (Araneae: Anyphaenidae) en la Península Ibérica. Bol. Asoc. Esp. Entom., 19, 1-2, p. 109-131.