

Check list of the described spider species of the Galápagos archipelago (Araneae)

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Abstract

An updated checklist is given of the Araneae of the Galápagos archipelago. 158 species representing 30 families.

Key words: Galápagos, Araneae.

Résumé

La liste d'espèces d'araignées de l'archipel des Galápagos est donnée. 158 espèces répertoriées sur 30 familles.

Mots-clés: Galápagos, Araneae

Introduction

In a first checklist of spiders occurring on Galápagos (ROTH & CRAIG, 1970), 76 species were listed, of which 50 were already known to science.

From 1982 onwards, the authors started a long-term study of the arachnid fauna of the archipelago. At the end of the 80's a Canadian team (S. PECK and co-workers) started with a systematic investigation of the terrestrial arthropods of the islands. This resulted at the end of this decade in a checklist counting 124 species of which 73 were formerly described (BAERT & MAELFAIT, 1989). As both teams worked in good cooperation, sampling efforts were doubled during the 90's. This leads the need of an updated checklist at the beginning of the new millennium. Of the 158 species presented here, 115 have been properly described. The species indicated with an asterisk are new records for the archipelago.

CHECK LIST

FILISTATIDAE

Pikelinia fasciata (BANKS, 1902)

SICARIIDAE

Sicarius ultriformis (BUTLER, 1877)

Loxosceles laeta (NICOLET, 1849)

SCYTODIDAE

Scytodes fusca WALCKENAER, 1837

Scytodes longipes LUCAS, 1845

OCHYRO CERATIDAE

Speocera jacquemarti BAERT & MAELFAIT, 1986

Theotima galapagoensis BAERT & MAELFAIT, 1986

PHOLCIDAE

Anopsicus BANKSI (GERTSCH, 1939)

Aymaria conica (BANKS, 1902)

Aymaria floreana (GERTSCH & PECK, 1992)

Aymaria insularis (BANKS, 1902)

Aymaria jarmila (GERTSCH & PECK, 1992)

Galapa baerti (GERTSCH & PECK, 1992)

Galapa bella (GERTSCH & PECK, 1992)

Metagonia bellavista GERTSCH & PECK, 1992

Metagonia reederi GERTSCH & PECK, 1992

Modisimus culicinus (SIMON, 1893)

Modisimus modicus (GERTSCH & PECK, 1992)

Modisimus solus GERTSCH & PECK, 1992

**Physocyclus globosus* (TACZANOWSKI, 1873)

SEGESTRIIDAE

Ariadna tarsalis (BANKS, 1902)

OONOPIDAE (Identified by Dr. Michael SAARISTO)

Gamasomorpha insularis SIMON, 1907

**Ischnothyreus peltifer* (SIMON, 1891)

Opopaea deserticola SIMON, 1891

Opopaea lena SUMAN, 1965

Triaeris stenaspis SIMON, 1891

MIMETIDAE

Ero gemelosi BAERT & MAELFAIT, 1984

OECOBIIDAE

Oecobius concinnus SIMON, 1892

ULOBORIDAE

Uloborus segregatus GERTSCH, 1936
Zosis geniculatus (OLIVIER, 1789)

NESTICIDAE

**Eidmannella pallida* (EMERTON, 1875)

THERIDIIDAE

**Achaeearanea dromedariformis* (ROEWER, 1942)
Achaeearanea hirta (TACZANOWSKI, 1873)
 **Achaeearanea orana* LEVI, 1963
Argyrodes fictilium (HENTZ, 1850)
Argyrodes elevatus TACZANOWSKI, 1873
Argyrodes nephilae (Lit.) TACZANOWSKI, 1873
 **Argyrodes sullana* (EXLINE, 1945)
Coleosoma floridanum BANKS, 1900
Latrodectus apicalis BUTLER, 1877
Latrodectus geometricus C.L. KOCH, 1841
Nesticodes rufipes (LUCAS, 1846)
Theridion calcynatum OHLMBERG, 1876
Theridion coldeniae BAERT & MAELFAIT, 1986
Theridion strepitus PECK & SHEAR, 1987
Tidarren sisypoides (WALCKENAER, 1841)

SYMPHYTOGNATHIDAE

(Identified by Dr. Norman PLATNICK)

Anapistula secreta GERTSCH, 1941

MYSMENIDAE

Calomyspoena santacruzii BAERT & MAELFAIT, 1983

LINYPHIIDAE

Erigone atra (BLACKWALL, 1841)
Erigone miniata BAERT, 1990
Laminacauda dentichelis MILLIDGE, 1985
Meioneta albomaculata BAERT, 1990
Meioneta arida BAERT, 1990
Meioneta galapagoensis BAERT, 1990
Meioneta pinta BAERT, 1990
Neocautinella ochoai BAERT, 1990
Notiohyphantes excelsa (KEYSERLING, 1886)

TETRAGNATHIDAE

Glenognatha maelfaiti BAERT, 1987
 **Leucauge argyra* (WALCKENAER, 1841)
Leucauge bituberculata BAERT, 1987
Tetragnatha nitens (AUDOUIN, 1826)

ARANEIDAE

Argiope argentata (FABRICIUS, 1775)
 **Argiope trifasciata* FORSKAL, 1775)
Cyclosa turbinata (WALCKENAER, 1841)
Cyclosa conica (Lit!) (PALLAS, 1772)
Gasteracantha cancriformis (LINNAEUS, 1767)
Metazygia dubia (KEYSERLING, 1863)
Metepira desenderi BAERT, 1987
Neoscona cooksoni (BUTLER, 1877)
Nephila clavipes (Lit!) (LINNAEUS, 1767)

LYCOSIDAE

Hogna albemarlensis (BANKS, 1902)
Hogna galapagoensis (BANKS, 1902)

OXYOPIIDAE

Oxyopes gracilis KEYSERLING, 1877

DESIDAE

Desis galapagoensis HIRST, 1925

DICTYNIDAE

Emblyna formicaria BAERT, 1987
Phantyna remota (BANKS, 1924)
Tivyna spatula (GERTSCH & DAVIS, 1937)

ANYPHAENIDAE

Anyphaenoides katiae BAERT, 1995
Anyphaenoides octodentatus (SCHMIDT, 1971)
Anyphaenoides pacificus (BANKS, 1902)

CORINNIDAE

Corinna cetrata (SIMON, 1888)

PRODIDOMIDAE

Lygromma anops PECK & SHEAR, 1987
Neozimiris pinta PLATNICK & SHADAB, 1976
Neozimiris pinzon PLATNICK & SHADAB, 1976

GNAPHOSIDAE

Camillina cruz PLATNICK & SHADAB, 1982
Camillina galapagoensis (BANKS, 1902)
Camillina isabela PLATNICK & MURPHY, 1987
Camillina isla PLATNICK & SHADAB, 1982
Camillina pecki BAERT, 1994
Camillina sandrae BAERT, 1994
Poecilochroa bifasciata BANKS, 1902
Trachyzelotes kulckzynskii (BÖSENBERG, 1902)
 **Zelotes reformans* CHAMBERLIN, 1924

ZORIDAE

Odo galapagoensis BANKS, 1902
Odo insularis BANKS, 1902

SELENOPIIDAE

Selenops galapagoensis BANKS, 1902

HETEROPODIDAE

Heteropoda venatoria (LINNAEUS, 1758)
Olios galapagoensis BANKS, 1902

THOMISIDAE

Mecaphesa inclusa (BANKS, 1902)
Tmarus stolzmanni (KEYSERLING, 1880)

SALTICIDAE

Balmaceda estebanensis SIMON, 1903
Darwinneon crypticus CUTLER, 1971
Euophrys vestitus TACZANOWSKI, 1878
Frigga crocuta (TACZANOWSKI, 1878)
Habronattus encantadas Griswold, 1987
Hasarius adansoni (AUDOUIN, 1826)
Helvetia insularis (BANKS, 1902)
Menemerus bivittatus (DUFOR, 1831)
Metacyrba insularis (BANKS, 1902)
Phanias distans BANKS, 1924
Philaeus pacificus BANKS, 1902
Plexippus paykulli (AUDOUIN, 1826)
Sitticus phaleratus GALIANO & BAERT, 1990
Sitticus tenebricus GALIANO & BAERT, 1990
Sitticus uber GALIANO & BAERT, 1990

Taxonomic changes

SPECIES TRANSFERRED TO OTHER GENERA:

Filistatoides fasciatus (BANKS, 1902) to *Pikelinia* Filistatidae (RAMÍREZ & GRIMADO, 1997)
Coryssocnemis conica BANKS, 1902 to *Aymaria*
Coryssocnemis floreana GERTSCH & PECK, 1992 to *Aymaria*
Coryssocnemis insularis BANKS, 1902 to *Aymaria*
Coryssocnemis jarmila GERTSCH & PECK, 1992 to *Aymaria*
 Pholcidae (HUBER, 2000)
Hedypsilus culicinus SIMON, 1893 to *Modisimus*
Hedypsilus modicus GERTSCH & PECK, 1992 to *Modisimus*
 Pholcidae (HUBER, 1997)
Lycosa albemarlensis BANKS, 1902 - to *Hogna*
Lycosa galapagoensis BANKS, 1902 to *Hogna* Lycosidae (BAERT & MAELFAIT, 1997)
Pholcophora BAERTI GERTSCH & PECK, 1992 to *Galapa*
Pholcophora bella GERTSCH & PECK, 1992 to *Galapa* Pholcidae (HUBER, 2000)
Pholcophorina BANKSI Gertsch, 1939 to *Anopsicus* Pholcidae (GERTSCH & PECK, 1992)
Theridion rufipes LUCAS, 1846 to *Nesticodes* Theridiidae (WUNDERLICH, 1987)

IN SYNONYMY:

"*Admestina*" *insularis* BANKS, 1902 = *Helvetia insularis* (BANKS, 1902)
Corinna wolleboeki BANKS, 1930 = *Corinna cetrata* (SIMON, 1888) **New Synonym**
Lycosa snodgrassi BANKS, 1902 = *Hogna albemarlensis* (BANKS, 1902) (BAERT & MAELFAIT, 1997)
Misumenops inclusus (BANKS, 1902) = *Mecaphesa inclusus* (BANKS, 1902) (LEHTINEN, 1993)
Neozimiris santiago BAERT & MAELFAIT, 1986 = *Neozimiris pinta* PLATNICK & SHADAB, 1976 (BAERT, 1994)
Scytodes hebraica SIMON, 1891 = *Scytodes fusca* WALKENAER, 1837 (VALERIO, 1981)

MISSPELLING:

Hogna albermarlensis (BANKS, 1902) (BAERT & MAELFAIT, 1997) = *Hogna albemarlensis*.

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