

New data on the Arachnofauna (Arachnidae Araneae Opiliones) of Enna and surrounding areas (Sicily, Italy) with some first reports for Sicily

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ABSTRACT

In this paper we present faunistic data on Arachnid collected, with sampling on sight during 2019 and 2020, in Enna (Sicily, Italy) and surroundings areas. The Arachnofauna of this area of the Island is poorly studied, to date only 16 species of spiders are reported for this municipality. 180 taxa of spiders are known in total now, 15 of these (1 first report in Italy) and 6 genera are new for Sicily - *Pritha nana* (Simon, 1868) (Filistatidae), *Micaria coarctata* (Lucas, 1846), *Micaria dives* (Lucas, 1846), *Poecilochroa loricata* Kraitsir, 1996 (Gnaphosidae) (new for Italy), *Agroeca* sp., *Scotina celans* (Blackwall, 1841) (Licoctenidae), *Bolyphantes luteolus* (Blackwall, 1833), *Centromerus arcanus* (O.Pickard-Cambridge, 1873), *Lepthyphantes minutus* (Blackwall, 1833), *Linyphia mimonti* Simon, 1885, *Megalephyphantes collinus* (L. Koch, 1872), *Walckenaeria corniculans* (O. Pickard-Cambridge, 1875), *Walckenaeria monoceros* (Wider, 1834) (Linyphiidae), *Synageles venator* (Lucas, 1836) (Salticidae), *Enoplognatha afrodite* Hippa et Oksala, 1983 (Theridiidae) - and 3 species of opilions. Additional biological and taxonomic notes on these spiders are also provided.

KEY WORDS

Araneofauna; Spiders; Opilions; new records; Sicily.

Received 02.11.2023; accepted 08.01.2024; published online 30.06.2024

Proceedings of 6th International Congress on Biodiversity “Biodiversity and the new scenarios on alien species, climate, environment and energy” - Trapani (Italy, Sicily) 2–3 September 2022

INTRODUCTION

In the naturalistic bibliography there are nospecific works on arachnofauna on the area of Enna (Sicily). To date, there were only 16 known spiders species, belonging to 15 genera and 9 families (Allicata, 1964 & 1966; Brignoli, 1968, 1977; Cantarella, 1974, 1980; Dentici & Amata, 2018; Hansen, 2005; Lugetti & Tongiorgi, 1969).

The few species known for this area and the recent news reports for Sicily (Dentici & Amata, 2021; Dentici & Galasso, 2021; Dentici et al., 2021, 2022; Dentici, 2022) have prompted us to deepen

the study, trying to produce a more complete list of spider species observable in this area as reported in the following work.

MATERIAL AND METHODS

All samples were collected on sight on plants, under the rocks or in their web. All samples were photographed in nature with a Canon EOS 7D Mark II with a EF 100mm Macro with 20 mm extension rings and 1.4 canon multiplier (F.C.Amata: www.amatafoto.it).

All the samples were taken in laboratory, were treated with ethyl acetate and observed with binoculars for identification;

They are preserved in A. Dentici collection (Palermo, Italy). The specimens were stored in centrifuge tubes of different sizes, depending on the size of the sample, and were fixed in 75% ethanol (Levi, 1977). The samples are stored in the collection of one author (A. Dentici) and the “legit” is indicated for each sample. Each locality and/or collection site is in the original language (Italian).

The classification, taxonomic order and nomenclatural arrangement for spiders follow Roberts (1995), Trotta (2004), Pantini & Isaia (2019), and World Spider Catalog (2023).

Other sources have also been used for the correct identification and are, when used, signed in the species remarks.

RESULTS

In total, up to date, 180 taxa, belonging to 130 genera and 33 families, are listed in the study area; among these, 15 species and 6 genera are reported for the first time for Sicily (one of which is also new for Italy).

The species of opiliones sampled are 3 belonging to 3 genera and 3 different families.

In the checklist below the new records are marked by (*), of which the collection data, additional biological, literature, chorotype and distribution information are also provided.

Checklist

Ordo ARANEAE Clerck, 1757

Familia AGELENIDAE C.L. Koch, 1837

Agelena Walckenaer, 1805

Agelena labyrinthica (Clerck, 1757)

Aterigena Bolzern, Hänggi et Burckhardt, 2010

Aterigena aliquoi (Brignoli, 1971)

Eratigena Bolzern, Burckhardt et Hänggi, 2013

Eratigena agrestis (Walckenaer, 1802)

Lycosoides Lucas, 1846

Lycosoides coarctata (Dufour, 1831)

Lycosoides flavomaculata Lucas, 1846

Tegenaria Latreille, 1804

Tegenaria dalmatica Kulczyński, 1906

Tegenaria domestica (Clerck, 1757)

Tegenaria parietina (Fourcroy, 1785)

Textrix Sundevall, 1833

Textrix caudata Olivier, 1789

Familia AMAUROBIIDAE Thorell, 1870

Amaurobius C.L. Koch, 1837

Amaurobius erberi (Keyserling, 1863)

Familia ANYPHAENIDAE Bertkau, 1878

Anypaena Sundevall, 1833

Anypaena sabina L. Koch, 1866

Familia ARANEIDAE Clerck, 1757

Aculeopera Chamberlin et Ivie, 1942

Aculeopera armida (Audouin, 1826)

Agalenatea Archer, 1951

Agalenatea redii (Scopoli, 1763)

Araneus Clerck, 1757

Araneus angulatus Clerck, 1757

Araneus diadematus Clerck, 1757

Araniella Chamberlin et Ivie, 1942

Araniella cucurbitina (Clerck, 1757)

Argiope Audouin, 1826

Argiope bruennichi (Scopoli, 1772)

Argiope lobata (Pallas, 1772)

Gibbaranea Archer, 1951

Gibbaranea bituberculata (Walckenaer, 1802)

Hypsosinga Ausserer, 1871

Hypsosinga sanguinea (C.L. Koch, 1844)

Larinoides Caporiacco, 1934

Larinoides cornutus (Clerck, 1757)

Lipocrea Thorell, 1878

- Lipocrea epeiroides* (O. Pickard-Cambridge, 1872) *Dysdera lagrecai* Alicata, 1964
- Mangora* O. Pickard-Cambridge, 1889
Mangora acalypha (Walckenaer, 1802)
- Neoscona* Simon, 1864
Neoscona byzantina (Pavesi, 1876)
Neoscona subfusca (C.L. Koch, 1837)
- Nuctenea* Simon, 1864
Nuctenea umbratica (Clerck, 1757)
- Zilla* C.L. Koch, 1836
Zilla diodia (Walckenaer, 1802)
- Zygiella* F.O. Pickard-Cambridge, 1902
Zygiella x-notata (Clerck, 1757)
- Familia CHEIRACANTHIIDAE Wagner, 1887
- Cheiracanthium* C.L. Koch, 1839
Cheiracanthium angulitarse Simon, 1878
Cheiracanthium erraticum (Walckenaer, 1802)
Cheiracanthium mildei L. Koch, 1864
- Familia CLUBIONIDAE Wagner, 1887
- Clubiona* Latreille, 1804
Clubiona corticalis (Walckenaer, 1802)
- Porrhoclubiona* Lohmander, 1944
Porrhoclubiona leucaspis (Simon, 1932)
Porrhoclubiona vegeta (Simon, 1918)
- Familia DICTYNIDAE O. Pickard-Cambridge, 1871
- Argenna* Thorell, 1870
Argenna sp.
- Brigittea* Lehtinen, 1967
Brigittea civica (Lucas, 1850)
- Nigma* Lehtinen, 1967
Nigma puella (Simon, 1870)
Nigma walckenaeri (Roewer, 1951)
- Familia DYSDERIDAE C.L.Koch, 1837
- Dysdera* Latreille, 1804
Dysdera crocata C.L. Koch, 1838
- Harpactea* Bristowe, 1939
Harpactea sicula Alicata, 1966
- Parachtes* Alicata, 1964
Parachtes siculus (Caporiacco, 1949)
- Familia FILISTATIDAE Ausserer, 1867
- Filistata* Latreille, 1810
Filistata insidiatrix (Forsskål, 1775)
- Pritha* Lehtinen, 1967
**Pritha nana* (Simon, 1868)
- Familia GNAPHOSIDAE Pocock, 1898
- Aphantaulax* Simon, 1878
Aphantaulax trifasciata (O. Pickard-Cambridge, 1872)
- Civizelotes* Senglet, 2012
Civizelotes sp.
- Drassodes* Westring, 1851
Drassodes lapidosus (Walckenaer, 1802)
Drassodes lutescens (C.L. Koch, 1839)
- Gnaphosa* Latreille, 1804
Gnaphosa lucifuga (Walckenaer, 1802)
- Haplodrassus* Chamberlin, 1922
Haplodrassus kulczynskii Lohmander, 1942
Haplodrassus rufipes (Lucas, 1846)
Haplodrassus signifer (C.L. Koch, 1839)
- Leptodrassus* Simon, 1878
Leptodrassus sp.
- Marinarozelotes* Ponomarev, 2020
Marinarozelotes cf. *barbatus* (L. Koch, 1866)
Marinarozelotes bardiae (Caporiacco, 1928)
Marinarozelotes fuscipes (L. Koch, 1866)
- Micaria* Westring, 1851
**Micaria coarctata* (Lucas, 1846)
**Micaria dives* (Lucas, 1846)
- Nomisia* Dalmas, 1921

Nomisia exornata (C.L. Koch, 1839)

Poecilochroa Westring, 1874

Poecilochroa albomaculata (Lucas, 1846)

**Poecilochroa loricata* Kritscher, 1996

Scotophaeus Simon, 1893

Scotophaeus blackwallii (Thorell, 1871)

Scotophaeus validus (Lucas, 1846)

Setaphis Simon, 1893

Setaphis carmeli (O. Pickard-Cambridge, 1872)

Zelotes Gistel, 1848

Zelotes atrocaeruleus (Simon, 1878)

Zelotes femellus (L. Koch, 1866)

Familia LINYPHIIDAE Blackwall, 1859

Agyneta Hull, 1911

Agyneta rurestris (C.L. Koch, 1836)

**Bolyphantes* C. L. Koch, 1837

**Bolyphantes luteolus* (Blackwall, 1833)

Centromerus Dahl, 1886

**Centromerus arcanus* (O. Pickard-Cambridge, 1873)

Frontinellina van Helsdingen, 1969

Frontinellina fruterorum (C.L. Koch, 1834)

Gnathonarium Karsc, 1881

Gnathonarium dentatum (Wider, 1834)

**Lepthyphantes* Menge, 1866

**Lepthyphantes minutus* (Blackwall, 1833)

Linyphia Latreille, 1804

**Linyphia mimonti* Simon, 1885

Linyphia triangularis (Clerck, 1757)

**Megalepthyphantes* Wunderlich, 1994

**Megalepthyphantes collinus* (L.Koch, 1872)

Microlinyphia Gerhardt, 1928

Microlinyphia pusilla (Sundevall, 1830)

Neriene Blackwall, 1833

Neriene clathrata (Sundevall, 1830)

Pelecopsis Simon, 1864

Pelecopsis bucephala (O. Pickard-Cambridge, 1875)

Tenuiphantes Saaristo et Tavasevitch, 1996

Tenuiphantes herbicola (Simon, 1884)

Tenuiphantes tenuis (Blackwall, 1852)

**Walckenaeria* Blackwall, 1833

**Walckenaeria corniculans* (O. Pickard-Cambridge, 1875)

**Walckenaeria monoceros* (Wider, 1834)

Familia LIOCRANIDAE Simon, 1897

**Agroeca* Westring, 1861

**Agroeca* sp.

Mesiotelus Simon, 1897

Mesiotelus mauritanicus Simon, 1909

**Scotina* Menge, 1873

**Scotina celans* (Blackwall, 1841)

Familia LYCOSIDAE Sundevall, 1833

Alopecosa Simon, 1885

Alopecosa albofasciata (Brullé, 1832)

Hogna Simon, 1885

Hogna radiata (Latreille, 1817)

Lycosa Latreille, 1804

Lycosa tarantula (Linnaeus, 1758)

Pardosa C.L.Koch, 1847

Pardosa proxima (C.L. Koch, 1847)

Trabea Simon, 1876

Trabea paradoxa Simon, 1876

MIMETIDAE Simon, 1881

Mimetus Hentz, 1832

Mimetus laevigatus (Keyserling, 1863)

Familia MITURGIDAE Simon, 1886

Prochora Simon, 1886

Prochora lycosiformis (O. Pickard-Cambridge, 1872)

- Zora* C.L. Koch, 1847
Zora manicata Simon, 1878
- Familia OECOBIIDAE Blackwall, 1862
- Oecobius* Lucas, 1846
Oecobius maculatus Simon, 1870
- Familia OXYOPIDAE Thorell, 1870
- Oxyopes* Latreille, 1870
Oxyopes heterophthalmus (Latreille, 1804)
Oxyopes lineatus Latreille, 1806
Oxyopes ramosus (Martini et Goeze, 1778)
- Familia PALPIMANIDAE Thorell, 1870
- Palpimanus* Dufour, 1820
Palpimanus gibbulus Dufour, 1820
- Familia PHILODROMIDAE Thorell, 1870
- Philodromus* Walckenaer, 1826
Philodromus aureolus (Clerck, 1757)
Philodromus dispar Walckenaer, 1826
Philodromus emarginatus (Schränk, 1803)
- Pulchellodromus* Wunderlich, 2012
Pulchellodromus bistigma (Simon, 1870)
- Rhysodromus* Schick, 1965
Rhysodromus sp.
- Thanatus* C.L. Koch, 1837
Thanatus vulgaris Simon, 1870
- Familia PHOLCIDAE C.L. Koch, 1850
- Holocnemus* Simon, 1875
Holocnemus pluchei (Scopoli, 1763)
- Familia PHRUROLITHIDAE Banks, 1892
- Phrurolithus* C.L. Koch, 1839
Phrurolithus festivus (C.L. Koch, 1835)
- Familia PISAURIDAE Simon, 1890
- Pisaura* Simon, 1886
Pisaura mirabilis (Clerck, 1757)
- Familia SALTICIDAE Blackwall, 1841
- Ballus* C.L. Koch, 1850
Ballus armadillo (Simon, 1817)
Ballus rufipes (Simon, 1868)
- Cyrba* Simon, 1876
Cyrba algerina (Lucas, 1846)
- Euophrys* C.L. Koch, 1834
Euophrys rufibarbis (Simon, 1868)
- Evarcha* Simon, 1902
Evarcha jucunda (Lucas, 1846)
- Heliophanus* C.L. Koch, 1833
Heliophanus apiatus Simon, 1868
Heliophanus melinus L. Koch, 1867
- Icius* Simon, 1876
Icius hamatus (C.L. Koch, 1846)
- Leptorchestes* Thorell, 1870
Leptorchestes mutilloides (Lucas, 1846)
- Menemerus* Simon, 1868
Menemerus semilimbatus (Hahn, 1829)
- Pellenes* Simon, 1876
Pellenes brevis (Simon, 1868)
Pellenes seriatus (Thorell, 1875)
- Philaeus* Thorell, 1869
Philaeus chrysops (Poda, 1761)
- Phlegra* Simon, 1876
Phlegra bresnieri (Lucas, 1846)
- Pseudeuophrys* Dahl, 1912
Pseudeuophrys lanigera (Simon, 1871)
- Pseudicius* Simon, 1885
Pseudicius encarpatus (Walckenaer, 1802)
- Salticus* Latreille, 1804
Salticus scenicus (Clerck, 1757)
Salticus zebraneus (C.L. Koch, 1837)
- Synageles* Simon, 1876
Synageles albotrimaculatus (Lucas, 1846)
 **Synageles venator* (Lucas, 1836)

Familia SCYTODIDAE Blackwall, 1864

Scytodes Latreille, 1804
Scytodes thoracica (Latreille, 1802)

Familia SEGESTRIIDAE

Segestria Simon, 1893
Segestria florentina (Rossi, 1790)
Segestria senoculata (Linnaeus, 1758)

Familia SICARIIDAE Keyserling, 1880

Loxosceles Heineken et Lowe, 1832
Loxosceles rufescens (Dufour, 1820)

Familia SPARASSIDAE Bertkau, 1872

Micrommata Latreille, 1804
Micrommata ligurina (C.L.Koch, 1845)

Olios Walckenaer, 1837
Olios argelasius (Walckenaer, 1806)

Tibellus Simon, 1875
Tibellus cfr. *maritimus* (Menge, 1875)

Familia TETRAGNATHIDAE Menge, 1866

Metellina Chamberlin et Ivie, 1941
Metellina mengei (Blackwall, 1870)
Metellina merianae (Scopoli, 1763)

Pachygnatha Sundevall, 1823
Pachygnatha degeeri Sundevall, 1830

Tetragnatha Latreille, 1804
Tetragnatha extensa (Linnaeus, 1758)
Tetragnatha obtusa C.L. Koch, 1837

Familia THERIDIIDAE Sundevall, 1833

Anelosimus Simon, 1891
Anelosimus vittatus (C.L. Koch, 1836)

Argyrodes Simon, 1864
Argyrodes argyrodes (Walckenaer, 1834)

Asagena Sundevall, 1833

Asagena phalerata (Panzer, 1801)

Enoplognatha Pavesi, 1880
**Enoplognatha afrodite* Hippa et Oksala, 1983
Enoplognatha mandibularis (Lucas, 1846)

Episinus Walckenaer, 1809
Episinus angulatus (Blackwall, 1836)
Episinus maculipes Cavanna, 1876

Euryopis Menge, 1868
Euryopis episinoides (Walckenaer, 1847)

Kochiura Archer, 1950
Kochiura aulica (C.L. Koch, 1838)

Neottiura Menge, 1868
Neottiura uncinata (Lucas, 1846)

Paidiscura Archer, 1950
Paidiscura sp.

Platnickina Koçak et Kemal, 2008
Platnickina tinctoria (Walckenaer, 1802)

Simitidion Wunderlich, 1992
Simitidion simile (C.L. Koch, 1836)

Steatoda Sundevall, 1833
Steatoda albomaculata (De Geer, 1778)
Steatoda bipunctata (Linnaeus, 1758)
Steatoda grossa (C.L. Koch, 1838)
Steatoda paykulliana (Walckenaer, 1806)
Steatoda triangulosa (Walckenaer, 1802)

Theridion Walckenaer, 1805
Theridion melanurum Hahn, 1831
Theridion mystaceum L. Koch, 1870
Theridion pictum (Walckenaer, 1802)
Theridion varians Hahn, 1833

Familia THOMISIDAE Sundevall, 1833

Bassaniodes Pocock, 1903
Bassaniodes bufo (Dufour, 1820)

Heriaeus Simon, 1875
Heriaeus hirtus (Latreille, 1819)

Leptorchestes Thorell, 1870

Leptorchestes mutilloides (Lucas, 1846)

Misumena Latreille, 1804

Misumena vatia (Clerck, 1757)

Monaeses Thorell, 1869

Monaeses paradoxus (Lucas, 1846)

Ozyptila Simon, 1864

Ozyptila atomaria (Panzer, 1801)

Ozyptila confluens (C.L. Koch, 1845)

Runcinia Simon, 1875

Runcinia grammica (C.L. Koch, 1837)

Synema Simon, 1864

Synema globosum (Fabricius, 1775)

Thomisus Walckenaer, 1805

Thomisus onustus Walckenaer, 1805

Xysticus C.L. Koch, 1835

Xysticus acerbus Thorell, 1872

Xysticus audax (Schrank, 1803)

Xysticus kochi Thorell, 1872

Xysticus nubilus Simon, 1875

Familia TITANOECIDAE Lehtinen, 1967

Titanoeca Thorell, 1870

Titanoeca tristis L. Koch, 1872

Familia ULOBORIDAE Thorell, 1869

Uloborus Latreille, 1806

Uloborus plumipes Lucas, 1846

Uloborus walckenaerius Latreille, 1806

Familia ZODARIIDAE Thorell, 1881

Zodarion Walckenaer, 1826

Zodarion elegans (Simon, 1873)

Familia ZOROPSIDAE Bertkau, 1882

Zoropsis Simon, 1878

Zoropsis spinimana (Dufour, 1820)

Ordo OPILIONES Sundevall, 1833

Familia NEMASTOMATIDAE Simon, 1872

Histicostoma Kratochvil, 1958

Histicostoma argenteolunulatum (Canestrini, 1875)

Familia PHALANGIIDAE Latreille, 1802

Opilio Herbst, 1798

Opilio canestrinii (Thorell, 1876)

Familia TROGULIDAE Sundevall, 1833

Anelasmoecephalus Simon, 1879

Anelasmoecephalus calcaneatus Martens et Chemici, 1988

OBSERVATIONS

Pritha nana (Simon, 1868) (Figs. 1, 2)

MATERIAL EXAMINED. ITALY • 1 male and 6 females; Sicily, Troina (Enna); 15 Nov. 2020; legit F.C. Amata; live specimens.

DISTRIBUTION. Mediterranean, India.

REMARKS. New species for Sicily. The specimens were collected under rocks, often found in numbers greater than two under the same rock.

Micaria coarctata (Lucas, 1846) (Fig. 3)

MATERIAL EXAMINED. ITALY • 1 male; Sicily, Troina (Enna); 2 Feb. 2021; legit F.C. Amata; live specimen.

DISTRIBUTION. Mediterranean, Eastern Europe, Caucasus, Russia (Europe to Far East), Iran, Kazakhstan, Central Asia.

REMARKS. New species for Sicily. The specimen was collected under rocks.

Micaria dives (Lucas, 1846) (Fig. 4)

MATERIAL EXAMINED. ITALY • 1 male and 1 female; Sicily, Troina (Enna); 2 Feb. 2021; legit F.C. Amata; live specimens.

DISTRIBUTION. Europe, Turkey, Israel, Caucasus, Russia (Europe to Far East), Iran, Central Asia, India, China, Korea, Japan.

REMARKS. New species for Sicily. The specimens were collected under rocks.

Poecilochroa loricata Kritscher, 1996

MATERIAL EXAMINED. ITALY • 1 male and 1 female; Sicily, Troina (Enna); 2 Feb. 2021; legit F.C. Amata; live specimens.

DISTRIBUTION. Malta.

REMARKS. New species for Sicily and first observation for Italy. To date the species was only known from Malta (Kritscher, 1996; Pfliegler et al., 2017), the taxonomic identification follows Bauer (2022).

The specimens were collected under rocks.

Bolyphantes luteolus (Blackwall, 1833)

MATERIAL EXAMINED. ITALY • 1 male; Sicily, Troina (Enna); 12 May 2021; legit F.C. Amata; live specimen.

DISTRIBUTION. Europe, Russia (Europe to South Siberia), China.

REMARKS. New species and new genus for Sicily. The specimen was sampled on its web, built on low vegetation.

Centromerus arcanus (O. Pickard-Cambridge, 1873)

MATERIAL EXAMINED. ITALY • 1 female; Sicily, Troina (Enna); 23 Dec. 2020; legit F.C. Amata; live specimen.

DISTRIBUTION. Greenland, Europe, Russia (Europe to Middle Siberia).

REMARKS. New species for Sicily. For a more certain identification, the specimen was compared with some of the species *C. serratus* (O. Pickard-Cambridge, 1875), already known for Sicily.



Figure 1. Male *Pritha nana*. Figure 2. Female *Pritha nana*.
Figure 3. *Micaria coarctata*. Figure 4. *Micaria dives*.

Lepthyphantes minutus (Blackwall, 1833)

MATERIAL EXAMINED. ITALY • 1 male and 1 female; Sicily, Troina (Enna); 23 Dec. 2020; legit F.C. Amata; live specimens.

DISTRIBUTION. Europe.

REMARKS. New species and new genus for Sicily. The specimen was collected on its web, built on low vegetation.

Linyphia mimonti Simon, 1885

MATERIAL EXAMINED. ITALY • 3 females; Sicily, Troina (Enna); 9 Feb. 2021; legit F.C. Amata; live specimens.

DISTRIBUTION. Italy, Albania, Greece (incl. Crete), Lebanon, Israel.

REMARKS. New species for Sicily. The specimen was collected on its web, built on low vegetation.

Megalepthyphantes collinus (L. Koch, 1872)

MATERIAL EXAMINED. ITALY • 1 male; Sicily, Troina (Enna); 23 Dec. 2020; legit F.C. Amata; live specimen.

DISTRIBUTION. Europe, Turkey.

REMARKS. New genus and new species for Sicily. The specimens were collected wandering on low vegetation.

Walckenaeria corniculans (O. Pickard-Cambridge, 1875)

MATERIAL EXAMINED. ITALY • 1 male and 1



Figure 5. *Poecilochroa loricata*. Figure 6. *Bolyphantes luteolus*.
Figure 7. *Centromerus arcanus*. Figure 8. *Lepthyphantes minutus*.

female; Sicily, Troina (Enna); 6 Feb. 2021; legit F.C. Amata; live specimens.

DISTRIBUTION. Europe, North Africa, Turkey.

REMARKS. New genus and new species for Sicily. The specimens were collected on low vegetation.

Walckenaeria monoceros (Wider, 1834)

MATERIAL EXAMINED. ITALY • 1 male and 1 female; Sicily, Troina (Enna); 6 Feb. 2021; legit F.C. Amata; live specimens.

DISTRIBUTION. Europe, Azerbaijan, Central Asia.

REMARKS. New genus and new species for Sicily. The specimens were collected under a rock.

Agroeca sp.

MATERIAL EXAMINED. ITALY • 2 nymphs; Sicily, Troina (Enna); 3 Jan. 2021; legit F.C. Amata; live specimens.

DISTRIBUTION (of the genus). Subcosmopolitan.

REMARKS. New genus for Sicily. Having managed to sample only two juvenile specimens, the authors limit themselves to pointing out the new genus for the island. With further collection campaigns in other periods they will clarify the species to which the specimens belong.

Scotina celans (Blackwall, 1841)

MATERIAL EXAMINED. ITALY • 1 female; Sicily, Troina (Enna); 20 May 2021; legit F.C. Amata; live specimen.

DISTRIBUTION. Europe, Algeria.



Figure 9. *Linyphia mimonti*. Figure 10. *Megalephyphantes collinus*.
Figure 11. *Walckenaeria corniculans*. Figure 12. *Walckenaeria monoceros*.



Figure 13. *Agroeca* sp. Figure 14. *Scotina celans*.
Figure 15. *Synageles venator*. Figure 16. *Enoplognatha afrodite*.

REMARKS. New species and new genus for Sicily. The specimen was sampled while wandering on the ground.

Synageles venator (Lucas, 1836)

MATERIAL EXAMINED. ITALY • 1 female; Sicily, Troina (Enna); 16 Jul. 2021; legit F.C. Amata; live specimen.

DISTRIBUTION. Europe, Turkey, Caucasus, Russia (Europe to Far East), Kazakhstan, Central Asia, China, Japan. Introduced to Canada.

REMARKS. New species for Sicily. The specimen was sampled wandering on the ground.

Enoplognatha afrodite Hippa et Oksala, 1983

MATERIAL EXAMINED. ITALY • 1 male; Sicily,

Troina (Enna); 14 Jun. 2021; legit F.C. Amata; live specimen.

DISTRIBUTION. Southern Europe.

REMARKS. New species for Sicily. The specimen was sampled in its web, built on the branches of an olive tree.

ACKNOWLEDGEMENTS

We want to thank our families for their constant support.

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