

NOTE ON SPIDERS COLLECTED IN COASTAL HABITATS AND FIRST ITALIAN RECORD OF *CHAEREA MARITIMUS* (ARACHNIDA, ARANEAE).ALESSIO TROTTA<sup>1</sup>

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## ABSTRACT

A list of spider species collected in coastal habitats in Italy is reported. Notes on distribution and ecology are provided. *Chaerea maritimus* Simon, 1884 is recorded for the first time in Italy.

KEY WORDS: Araneae, faunistics, Italy, *Chaerea maritimus*, coastal habitat.

## SHORT NOTE

In this note are shown unpublished data on some species of spiders collected in coastal habitats in Italy. Such material was collected by Matteo Zinni and Francesco Ballarin from two beaches in Liguria and at the mouth of a channel in Calabria, respectively.

Identified species are listed in alphabetical order; the nomenclature used in the text follows the World Spider Catalog (2019). Assignment of chorotypes, according to Vigna Taglianti et al. (1999), was taken from the Checklist of Italian spiders (Pantini & Isaia, 2018). Italian regions are listed from North to South and from East to West.

Abbreviations used in the text are: CAT = Alessio Trotta personal collection (Finale Ligure); CFB = Francesco Ballarin personal collection (Verona).

Family Agelenidae C. L. Koch, 1837

*Lycosoides coarctata* (Dufour, 1831)

Material examined. Liguria, Genova province, Voltri, Cerusa beach, sandy beach, 44°42'682''N, 8°74'189''E, 19.X.2017, pitfall trap (vinegar and water), M. Zinni leg., A. Trotta det., 1♂; ditto, 15.XI.2017, 1♂

Chorotype. Mediterranean.

Italian distribution. In the Northern Italy the species is known only in Liguria (Bertkau, 1890; Jackson, 1926; both as *Textrix coarctata*); widespread along the Central-Southern Italy and in the islands (Pantini & Isaia, 2018).

Remarks. Thermophilic species collected in different habitats: Mediterranean shrub, garrigue, woods, orchards, gardens, inside houses, mining landfills covered by pioneer plants, salt flats, marshes and caves.

Family Dictynidae O. Pickard-Cambridge, 1871

*Chaerea maritimus* Simon, 1884

Material examined. Liguria, Savona province, Bergeggi, sandy beach, 44°24'94''N 8°44'69''E, on leaf litter of *Posidonia oceanica*, 29.XI.2017, Berlese funnel, M. Zinni leg., 1♂, 1♀, A. Trotta det., CAT; ditto, 22.II.2018, 1♂

Chorotype. Mediterranean.

Italian distribution. Liguria (new record).

Remarks. Halophilous species. To date it has been recorded only in coastal habitats, upwash and on coastal debris (leaf litter of *Posidonia oceanica* on shoreline) in Greece (Telendos island; Crete), France, Spain and Algeria (Bosmans et al., 2016; Lissner & Chatzaki, 2016; Boudouresque et al., 2017).

Family Linyphiidae Blackwall, 1859

*Gnathonarium dentatum* (Wider, 1834)

Material examined. Calabria, Cosenza province, Villapiana, Villapiana Lido, around the mouth of the channel “Il Pescatore”, on leaf litter of *Posidonia oceanica*, 39°79'692''N, 16°48'864''E, 10.VII.2017, hand collected, F. Ballarin leg. & det., 1♂, 4♀♀, CFB

Chorotype. Palearctic.

Italian distribution. Species widespread along the Italian peninsula (Pantini & Isaia, 2018).

Remarks. Stenohygric species (Wiehle, 1960; Hansen, 2011) often collected in wet meadows, perfluvial and perilacustrine environments, marshes, peatlands, moorlands and on mosses.

*Oedothorax paludigena* Simon, 1926

Material examined. Calabria, Cosenza province, Villapiana, Villapiana Lido, around the mouth of the channel “Il Pescatore”, on leaf litter of *Posidonia oceanica*, 39°79'692''N, 16°48'864''E, 10.VII.2017, hand collected, F. Ballarin leg. & det., 1♂, CFB

Chorotype. W-European.

Italian distribution. Latium (Millidge, 1979), Calabria (Pantini & Mazzoleni, 2018) and Sardinia (Bosmans & Colombo, 2015).

Remarks. To date this species has been collected only in Mediterranean coastal salt marshes.

*Prinerigone vagans* (Audouin, 1826)

Material examined. Calabria, Cosenza province, Villapiana, Villapiana Lido, around the mouth of the channel “Il Pescatore”, on leaf litter of *Posidonia oceanica*, 39°79'692''N, 16°48'864''E, 10.VII.2017, hand collected, F. Ballarin leg. & det., 1♂, CFB

Chorotype. Palearctic.

Italian distribution. Species widespread along the Italian peninsula (see Trotta & Cherubini, 2017 and Pantini & Mazzoleni, 2018).

Remarks. Species found in different habitats: riparian environments, fluvial sandy beaches, lagoon areas, sandy coasts, shrubs and reeds thickets in wet areas, meadows, citrus and

olive groves, hazelnut orchards, alder groves, poplar and spruce woods, mining landfills covered by pioneer plants, glaciers margins and mosses.

Family Lycosidae Sundevall, 1833

*Aulonia albimana* (Walckenaer, 1805)

Material examined. Liguria, Savona province, Bergeggi, sandy beach, 44°24'94''N 8°44'69''E, on leaf litter of *Posidonia oceanica* (L.) Delile, 17.V.2018, Berlese funnel, M. Zinni leg., A. Trotta det., 1♂, CAT

Chorotype. European.

Italian distribution. Species widespread along the Italian peninsula (see Trotta & Cherubini, 2017).

Remarks. Species found in different habitats: dry meadows, grasslands, pastures, ruderal vegetation, leaf litter, cultivated areas and outskirts, orchards, vineyards, olives groves, ecotones, urban environments, lagoon areas, moorlands, marshes, peat bogs, resurgence, perfluvial environments, fluvial beaches, sandy coasts and sand dunes.

Family Zodariidae Thorell, 1881

*Zodarion pusio* Simon, 1914

Material examined. Liguria, Genova province, Voltri, Cerusa beach, sandy beach, 44°42'682''N, 8°74'189''E, 28.IX.2017, pitfall trap (vinegar and water), M. Zinni leg., A. Trotta det., 1♂, CAT

Chorotype. Mediterranean.

Italian distribution. Widespread along the Italian peninsula (Pantini & Isaia, 2018).

Remarks. Species present in coastal areas (Bosmans, 1997, 2009) but also found in the hinterland in riparian (Ijland & van Helsdingen, 2016) and urban environments (Pesarini, 1991, 1993; Giordano et al., 2002; Ballarin et al., 2011).

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