

## Catalogue of the spiders (Arachnida Araneae) of Sardinia

Paolo Pantini<sup>1\*</sup>, Antonio Sassu<sup>2</sup> & Giuseppe Serra<sup>3</sup>

<sup>1</sup>Museo civico di Scienze Naturali "E. Caffi". Piazza Cittadella, 10 - 24129, Bergamo (BG), Italy; e-mail: ppantini@comune.bg.it

<sup>2</sup>Via Europa, 59 - 09070, Bonarcado (OR), Italy; e-mail: a.sassu77@gmail.com

<sup>3</sup>CNR, Istituto per lo Studio degli Ecosistemi - sede di Sassari. Traversa La Crucca, 3 - 07100, Sassari-Li Punti (SS), Italy; e-mail: g.serra@ise.cnr.it

\*Corresponding author

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### ABSTRACT

This catalogue summarizes and critically reviews araneological knowledge about Sardinian fauna. 140 publications from 1868 to 2012 were considered and about 4800 specimens belonging to 254 species were directly examined. The list report 495 species belonging to 229 genera divided into 43 families. For each species, literature, chorotype, regional distribution, and, where possible, habitats are indicated. Among the listed species *Philodromus bosmansii* Muster et Thaler, 2004 (Philodromidae) is new for Europe and the family of Prodidomidae with the species *Zimirina brevipes* Pérez et Blasco, 1986 is new for Italy. Also *Setaphis parvula* (Lucas, 1846) (Gnaphosidae), *Centromerus succinus* (Simon, 1884) and *Hybocoptus corrugis* (O. P.-Cambridge, 1875) (Linyphiidae) are new records for the Italian fauna and further 37 species are new for Sardinia. The genitalia of *Phrurolithus corsicus* (Simon, 1878), *Zimirina brevipes*, *Drassodes luteomicans* (Simon, 1878) and *Zelotes dentatidens* Simon, 1914 are illustrated.

### KEY WORDS

biodiversity; distribution; endemic species.

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### INTRODUCTION

The knowledge of biodiversity of an area means to how much and what taxa live in it. This information is crucial in order to realize an appropriate protection and management of the territory or also further in-depth ecological and biological research.

Italy was the first country in Europe to organize a census of its national fauna publishing a Checklist between 1993 and 1995 (Minelli, Ruffo & La Posta, 1993-1995). With the aim of better quantifying the faunistic resources of our country and to check their distribution throughout the territory, between 2001 and 2005 following the CKmap project in which the specialists compiled three tables for each species: 1) a species-index card including taxonomic, chorological and ecological data such as habitat, food,

conservation status and indicator value; 2) a distribution-table including all species records with coordinates added by a simplified software method, localities were automatically geo-referenced in the UTM grid (10 x 10 km grid cells); 3) a reference-table storing the list of literature sources and collections examined. (Ruffo & Stoch, 2005; Letardi & Pantaleoni, 2007).

Despite this effort, our knowledge of Italian fauna is still far from complete, especially if we consider invertebrates (Ruffo & Vigna Taglianti, 2002). Among these, spiders are a particularly interesting group, rich in species, many of which are endemic. Information about the ecology and distribution of Araneae in Italy is still sketchy and fragmentary, often limited to some families, spread across a large number of publications, few of which

give us a unified picture of the situation in smaller or larger areas of our peninsula. A recent analysis of the state of knowledge on Italian araneofauna (Pantini, in press) demonstrated how much effort is still needed to reach a satisfactory level. From 1995 to 2012, 238 scientific publications with data regarding Italian spider fauna was published. Overall 1200 species are mentioned, 229 of which were new for Italy. This means an increase of 17,4% compared to the Checklist (Pesarini, 1994), bringing the number of Italian spiders above 1600. In this period of time, 61 new species have been described from specimens coming from Italy, among which, as far as we know, 52 are endemic or sub-endemic. The publications examined can be classified into 5 different groups: faunal (40%), taxonomic (26%), ecological (17%), bio-speleological (10%) and various (7%). Regarding faunal aspects, some works must be mentioned which analyze Italian spider fauna, both as a whole (Trotta, 2005; Pantini & Isaia, 2008) and in some regions such as Alto Adige (Noflatscher, 1996), Valle d'Aosta (Isaia, 2005), Piedmont and Lombardy (Isaia et al., 2007) and Veneto (Ballarin et al., 2011). However, a great part of the southern regions of our country are still almost unexplored, or at least little is known about them.

With the publication of this catalogue, we summarize and critically review the araneological knowledge regarding Sardinia, an extremely interesting Italian region from a faunal and bio-geographical point of view, grouping into one text a large amount of data from literature and from an analysis of a vast quantity of new material.

## ARANEOLOGICAL RESEARCH IN SARDINIA

In 1868, Giovanni Canestrini and Pietro Pavesi published "Araneidi italiani", the first, and even now, only catalogue of Italian spiders. The two authors, who we can consider the fathers of Italian arachnology, introduce the work with a long and learned analysis of the literature and authors who, from Pliny the Elder onwards, had anything to do with Italian araneofauna. There then follows the actual catalogue which reports for every species observed its regional distribution (based mostly on material collected or studied by the authors) and its bibliographical reference. The catalogue reports only three species in Sardinia: *Argiope bruennichi*

(Scopoli, 1772), *Latrodectus tredecimguttatus* (Rossi, 1790), and *Eresus ruficapillus* C.L. Koch, 1846. Even in the updated version in 1870, the data about Sardinia does not change, while on the whole, data referring to 41 families and 327 species of spider was reported. The records, as we can see from the map in figure 1, were concentrated mostly in the north of Italy where the two authors lived and worked. At the time Canestrini (born and raised in Val di Non, Trento) was a Professor at the University of Modena while Pavesi (born in Pavia) was a teacher at Lugano High School. Sardinia and most of southern Italy were much less known except Campania (where Prof. Panceri worked) and Sicily. However, the first studies on Sardinian araneofauna, with the description of *Zelotes sardus* (sub *Prothesima sarda*) a new species of Gnaphosidae, were made by Canestrini (1873; 1876). Later Pavesi (1876; 1878) published two papers on the collections deriving from the cruises of the "Violante", he listed a total of 22 species mostly from the small islands surrounding Sardinia. Successively Magretti (1878; 1880) published accounts of two zoological excursions in Sardinia, in which he cites 18 species of spiders (Table 1) while De Carlini (1885) in his "Artropodi dell'Isola di San Pietro" reports 19 species. But the first consistent set of data is due to the naturalistic Sardinian explorations of Achille Costa (1882; 1983; 1984; 1985; 1986) who reports 135 species in his "Notizie ed osservazioni sulla geofauna sarda" (Table 1).

In the first years of the 20th century the most complete contribution on Sardinian spiders was published by Garneri (1902). In his "Contribuzione alla fauna sarda", the author reports a long list of species, as many as 235, arising partly from bibliographical research and partly from material from Sardinia preserved in the University of Pavia. Fifty years follow with a complete absence of publications about Sardinian fauna, only some works by Gozo (1908) and by Simon (1914; 1926; 1929; 1932) report sparse data. In the second half of the 20th century there was new interest: Roewer (1953, 1956) published on Sardinian cave-dwelling arachnids and Krauss (1955) on the spiders of Corsica, Sardinia and Elba. The latter reports 51 species, of which 16 are new to the island, while Dresco (1956) described *Tegenaria henroti*. The work of Paolo Marcello Brignoli deserves, as usual, special attention. He published as many as 22 works in which he reports a large

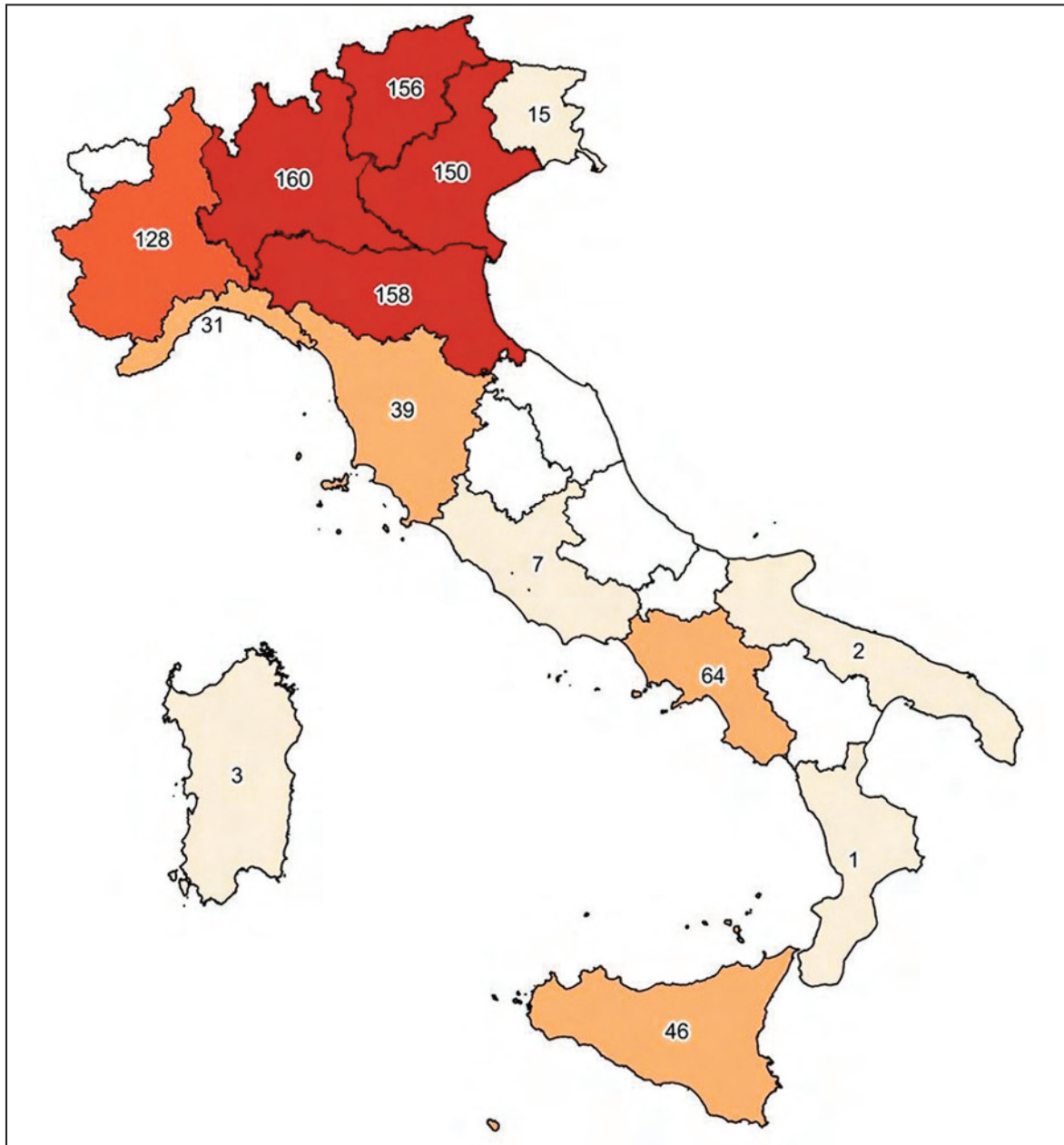


Figure 1. Number of spider species reported in Italy by Canestrini & Pavesi (1870) divided into regions.

amount of original data about Sardinia. In particular, we remember his contributions on Onoopidae (Brignoli, 1967a), on Leptonetidae (Brignoli, 1967b; 1969) and on cave dwellers (Brignoli, 1974), dedicated specifically to Sardinian fauna. From the 1970s on, bio-speleological research carried out on the island also led to the publication of several works. In particular, regarding spider fauna, we should mention the contributions of Thermes

(1972) and Puddu & Pirotta (1974) with the “Catalogo sistematico ragionato della fauna cavernicola della Sardegna”. Another important contribution is that of Giuseppe Grafitti, a tireless researcher and great expert on the hypogean fauna of the island (see Table 1).

Papers on Sardinian spiders over the last twenty years are relatively scarce and is almost exclusively the result of faunal or taxonomic contributions:

	Citations	Species cited (n.)	New species (n.)
1	Canestrini & Pavesi, 1868	3	3
2a	Canestrini & Pavesi, 1870	3	
2b	Canestrini, 1873	3	2
2c	Canestrini, 1876	5	2
3	Pavesi, 1876	16	15
4	Magretti, 1878	1	
5	Pavesi, 1878	9	7
6	Magretti, 1880	17	11
7a	Costa, 1882	8	3
7b	Costa, 1883	1	1
8	Costa, 1884	56	38
9	Simon, 1884	2	2
10	Costa, 1885	73	65
11	de Carlini, 1885	18	2
12	Costa, 1886	3	3
13	Garneri, 1902	229	107
14	Gozo, 1908	4	2
15	Simon, 1914	4	2
16	Simon, 1926	1	
17	Simon, 1929	2	
18	Simon, 1932	5	3
19	Roewer, 1953	9	6
20	Krauss, 1955	50	16
21	Dresco, 1956	1	1
22	Roewer, 1956	5	2
23	Grasshoff, 1959	3	2
24	Lugetti & Tongiorgi, 1965	3	2
25	Alicata, 1966	2	2
26	Tongiorgi, 1966	3	2
27	Brignoli, 1967a	5	5
28	Brignoli, 1967b	2	
29	Altara, 1968	1	
30	Cerruti, 1968	16	
31	Brignoli, 1969a	3	
32	Brignoli, 1969b	1	
33	Brignoli, 1969c	2	
34	Dresco & Hubert, 1969	6	2
35	Helsdingen, 1969	1	1
36	Lugetti & Tongiorgi, 1969	1	
37	Argiolas et al., 1970	6	1
38	Puddu, 1970	6	2
39	Brignoli, 1971a	5	1
40	Brignoli, 1971b	4	1
41	Brignoli, 1971c	11	3
42	Puddu, 1971	3	
43	Bartolo et al., 1972	1	
44	Casale, 1972	2	
45	Sanna et al., 1972	3	
46	Thermes, 1972	16	3
47	Bartolo et al., 1973	2	
48	Brignoli, 1973	1	1
49	Wunderlich, 1973	1	1
50	Baum, 1974	1	
51	Brignoli, 1974	6	
52	Puddu & Pirodda, 1974	11	
53	Tongiorgi, 1974	1	1
54	Brignoli, 1975	4	1
57	Brignoli, 1976a	2	
58	Brignoli, 1976b	1	
59	Brignoli, 1977	7	1
60	Brignoli & Gaddini, 1979	2	1
61	Brignoli, 1979a	1	1
62	Brignoli, 1979b	1	1
63	Brignoli, 1979c	14	
64	Brignoli, 1979d	15	6
65	Grafitti, 1979	1	
66	Brignoli, 1980	2	2
67	Puddu, 1980	3	
68	Brignoli, 1982	1	
69	Cannas, 1972 [1982]	2	
70	Grasshoff, 1983	1	
71	Loerbroks, 1983	1	
72	Puddu, 1983	1	
73	Brignoli & Murphy, 1984	1	
74	Brignoli, 1984	2	1

continued

Table 1. List of publications where data on Sardinian araneofauna is present. For each article, the number of species mentioned and the new reports for Sardinia are indicated.

	Citations	Species cited (n.)	New species (n.)
75	Grafitti, 1984	1	
76	Grimm, 1985	4	1
77	Grimm, 1986	2	1
78	Hansen, 1986	2	1
79	Deeleman-Reinhold & Deeleman, 1988	1	
80	Tongiorgi & Sola, 1991	1	
81	Platnick & Di Franco, 1992	1	1
82	Grafitti, 1993	1	
83	Pons, 1993	12	1
84	Pesarini, 1994	225	5
85	Buchar & Thaler, 1995	1	1
86	Wunderlich, 1995a	1	1
87	Wunderlich, 1995b	13	10
88	Wunderlich, 1995c	1	
89	Wunderlich, 1995d	2	1
90	Wunderlich, 1995e	1	1
91	Fontana et al., 1996	2	1
92	Knoflach, 1996	1	
93	Bosmans, 1997	4	1
94	Arnò et al., 1998	32	10
95	Thaler & Knoflach, 1998	1	
96	Bosmans & Van Keer, 1999	7	4
98	Gasparo, 1999	1	
99	Knoflach, 1999	1	
100	Metzner, 1999	3	1
101	Knoflach & Thaler, 2000	1	1
102	Pesarini, 2000	1	
103	Grafitti, 2001	1	
104	Muccedda et al., 2002	2	
105	Grafitti, 2003	2	
106	Casale et al., 2004	1	
107	Knoflach & Pfaller, 2004	2	1
108	Knoflach, 2004	3	3
109	Logunov, 2004	1	
110	Muster & Thaler, 2004	3	
111	Senglet, 2004	4	2
112	Thaler & Knoflach, 2004	3	
113	Thaler et al., 2004	1	
114	Grill et al., 2005	21	3
115	Hansen, 2005	19	3
116	Helsdingen, 2005	24	10
117	Buchar et al., 2006	3	1
118	Burger et al., 2006	1	
119	Lana et al., 2006	2	
120	Logunov & Azarkina, 2006	1	
121	Grafitti, 2007a	4	
122	Grafitti, 2007b	2	
123	Muster et al., 2007	3	
124	Bolzern et al., 2008	5	1
125	Bosmans, 2008	1	1
126	Grafitti & Merella, 2008	4	
127	Loru et al., 2008	71	19
128	Arnedo et al., 2009	2	2
129	Colombo & Manunza, 2009	1	1
130	Knoflach et al., 2009	4	
131	Muster, 2009	2	
132	Pantini & Sassu, 2009	64	8
133	Trotta, 2009	30	4
134	Marras et al., 2011	1	1
135	Tanasevitch, 2011	4	1
136	Wunderlich, 2011	1	
137	Senglet, 2011	2	1
138	Di Pompeo et al., 2011	76	7
139	Trotta, 2011	3	3
140	Kulczycki et al., 2012	1	1
	<b>Total</b>	<b>1417</b>	<b>453</b>
	Collection of Bergamo Museum (MBG)	144	21
	Collection of CNR-ISE Sassari (ISE)	216	21
	Collection of Cagliari University (UCA)	9	
	<b>Total</b>	<b>369</b>	<b>42</b>

Table 1 (continued). List of publications where data on Sardinian araneofauna is present. For each article, the number of species mentioned and the new reports for Sardinia are indicated.



Tongiorgi & Sola (1991) report the presence of *Pardosa gefsana* in Sardinia, Wunderlich (1995a, 1995b) describes a new species of Thomisidae and carries out a bio-geographical analysis on Sardo-Corsican araneofauna. Arnò et al. (1998) analyze the spiders on lime trees of a small tree-lined town in Sassari. Grill et al. (2005) publish an ecological work on butterflies, spiders and plants in different environments, van Helsdingen (2005) reports data on some collections he made on the island, Bolzern et al. (2008) report interesting data about *Tegenaria* and *Malthonica*, Loru et al. (2008) list the species of spider collected in Sardinian hazelnut orchards, Arnedo et al. (2009) describe two new species of *Dysdera*, Colombo & Manunza (2009) report the first sighting of *Cyrtarachne ixoides*, Pantini & Sassu (2009) and Trotta (2009) report data on the spiders of the islands surrounding Sardinia, Di Pompeo et al. (2011) report the presence of *Argiope trifasciata* in Sardinia and Marras et al. (2011) analyze the influence of the exclusion of ants on the quantity of four groups of generalist predators, including spiders, in a citrus orchard. Trotta (2011) supplies some faunal data on Sardinian spiders and Kulczycki et al. (2012) report the first sighting of *Steatoda nobilis*. In figure 2 the growth in araneological knowledge in Sardinia from 1868 to today is reported.

Finally, we must point out that in the checklist of the species of Italian fauna, each species indicates whether it is present in Sardinia. Pesarini (1994) reported 229 species on the island, some of which were very probably based on new material as they had not been cited previously. A final source that reports general data on the araneofauna of Sardinia is "Fauna Europaea" (Helsdingen, 2012) which reports 353 species for Sardinia.

Research on araneofauna in Sardinia over the last 20 years does not stop with that listed above. In fact, from the early 1990s a working group from the Institute of Ecosystem Study (ISE-CNR) in Sassari has been involved in faunal studies of various natural and anthropized ecosystems (Fresi et al, 2002). This activity has allowed them to collect a considerable quantity of spiders. The collected material, only a small part of which has been published, is the principal source of unpublished material presented in this catalogue.

## MATERIALS AND METHODS

In order to create the catalogue which covers a time period from 1868 to 2012, 140 publications were examined. The starting point is in 1868 when Canestrini and Pavesi published "Araneidi italiani", the first catalogue of Italian spiders. The catalogue was then updated in 1870 by the same authors. For the bibliography included between 1870 and 1939 the first volume of the "Bibliographia Araneorum" by Pierre Bonnet (1945) was consulted, while for later publications, accurate research was carried out into their bibliographical sources. The complete list of publications consulted is in table 1. The works are listed in chronological order indicating the number of the species and the new sightings for the region.

A fair number of species are reported in the catalogue exclusively thanks to sightings made over a century ago and which therefore require further confirmation. However, this problem is often overcome for the most common species through a series of successive citations.

To avoid an excessive amount of data, each time that it was possible the citations of other citations were excluded, reporting only records based on the direct examination of the specimens except for the data from the checklist by Pesarini (1994) and from Garneri's catalogue (1902). Excluded from the catalogue are: nomina dubia, species inquirendae, citations where the author expresses doubt about the identification and the few species whose nomenclature was not easily identifiable under current nomenclature. When adequate confirmation was missing, the subspecies were grouped with the nominal species. The taxa or the citations excluded from the catalogue are still commented on in the notes relating to their respective families. Nomenclature follows the "The World Spider Catalog, Version 12.5" by Norman Platnick (2012), which was referred to also for synonymy. An asterisk next to the name indicates that the species was reported for the first time in Sardinia. Our research included data from literature and reports from approximately 1900 notifications regarding 254 species deriving from the study of new material kept in the collections of the ISE-CNR at its Sassari headquarters, at the Civic Natural Science Museum "E. Caffi" of Bergamo (MBG) and the University of Cagliari (UCA).

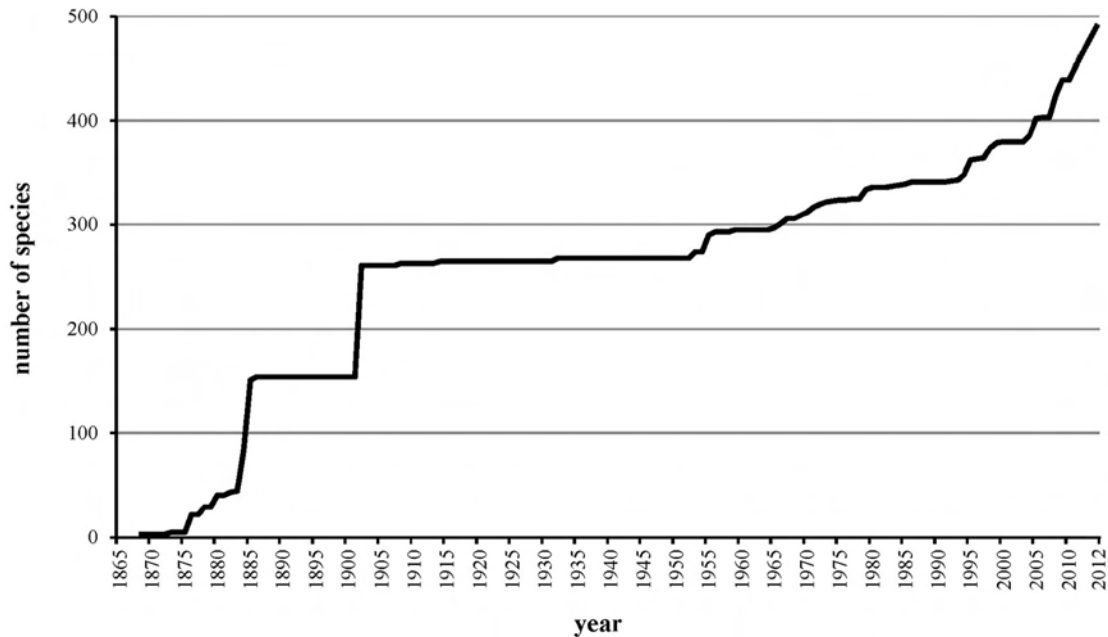


Figure 2. The growth in aranelogical knowledge in Sardinia from 1869 to today.

Most of this new material was collected over 20 years of faunal studies carried out by the ISE-CNR in Sardinia. First of all they were concerned with the arthropod fauna of the olive grove ecosystem in 1992-1994 and in vineyards in 1994-1996, both in North Sardinia. Studies continued on urban tree-lined avenues of the city of Sassari between 1993 and 1996 (Arnò et al., 1998). Other collections/observations were carried out in mixed fruit orchards (pomaceous, drupaceous) of the Province of Sassari in 1997-1998 and in a forest of cork oak in North-East Sardinia in 1999-2000. In 2003-2004 research was carried out on the araneofauna of the island of Asinara Pantini & Sassu (2009) and continued in Central Sardinia on the peaks of the Gennargentu Range (2006-2007) and in different mountainous fruit orchard ecosystems such as the hazelnut in 2004-2006 (Loru et al., 2008) and the cherry and walnut in 2007-2008. Finally, recently systematic sampling was carried out in the disused mining area of Montevecchio-Ingurto in South-West Sardinia (2009). The analysis of this material (over 7000 adult specimens) has allowed us to confirm the presence of a large quantity of species, to widen the area of their distribution and to identify new species for Sardinia.

For each species examined, the following information is supplied:

i) Chorotype. Referring to the works of Vigna Taglianti et al. (1992, 1999) each species is assigned a chorotype with the purpose of precisely defining its distribution. For the assigning of chorological categories, several specialist works were consulted relating to the genera or to the single species in question. In addition, the following websites were used: Fauna Europaea [<http://www.faunaeur.org/>] (Heldsingen, 2011), Araneae Spiders of Europe [<http://www.araneae.unibe.ch>] (Nentwig et al., 2011), Biodiversity of Russia [<http://www.zin.ru/BioDiv/aranei.asp>]. Sometimes limited knowledge about the distribution of some species made it difficult to attribute a chorotype. In this case, the chorotype is followed by a question mark. For subspecies, the chorotype of the nominal species is indicated in square brackets.

ii) References. In this field the publications in which the species has been cited for Sardinia are listed. A reference number has been assigned to each work in increasing order starting from the oldest ones (Tab. 1). Works containing citations of data which was previously published have been excluded while specimens seen again personally by the authors in revision works were considered. Next to the publication, the original identification of the species is indicated if different from the present one.

iii) Province. In order to have an idea of the distribution of the araneological collections in Sardinia, the province where each item was found is included. In cases where the bibliography indicates only the region, a definite province has not been attributed and this data is shown by a hyphen. If the area indicated is on the border between provinces, these are indicated and separated by a bar. The current eight Sardinian provinces have been considered: Cagliari, Carbonia-Iglesias, Medio Campidano, Nuoro, Ogliastra, Olbia-Tempio, Oristano and Sassari (Fig. 3). The list of boroughs (APPENDIX 1) belonging to the new provinces is available on-line at the link: <http://www.biodiversityjournal.com/pdf/>

4%281%29\_3-104\_appendix.pdf and for each of these the original province it belonged to is mentioned (Cagliari Oristano, Nuoro and Sassari).

iv) Habitat. When indicated in literature, for each species the environment where specimens were collected is reported. This information is listed in alphabetical order including in brackets the number of the publication it was taken from.

v) Examined material. The following is indicated for the new checked material: province, borough (in underlined characters) in which the specimens were sampled, number and sex of each specimen. Where possible we also indicated: location, altitude (m asl), habitat, date of sampling and the capturing technique (pitfall traps etc.), if different from direct collection.

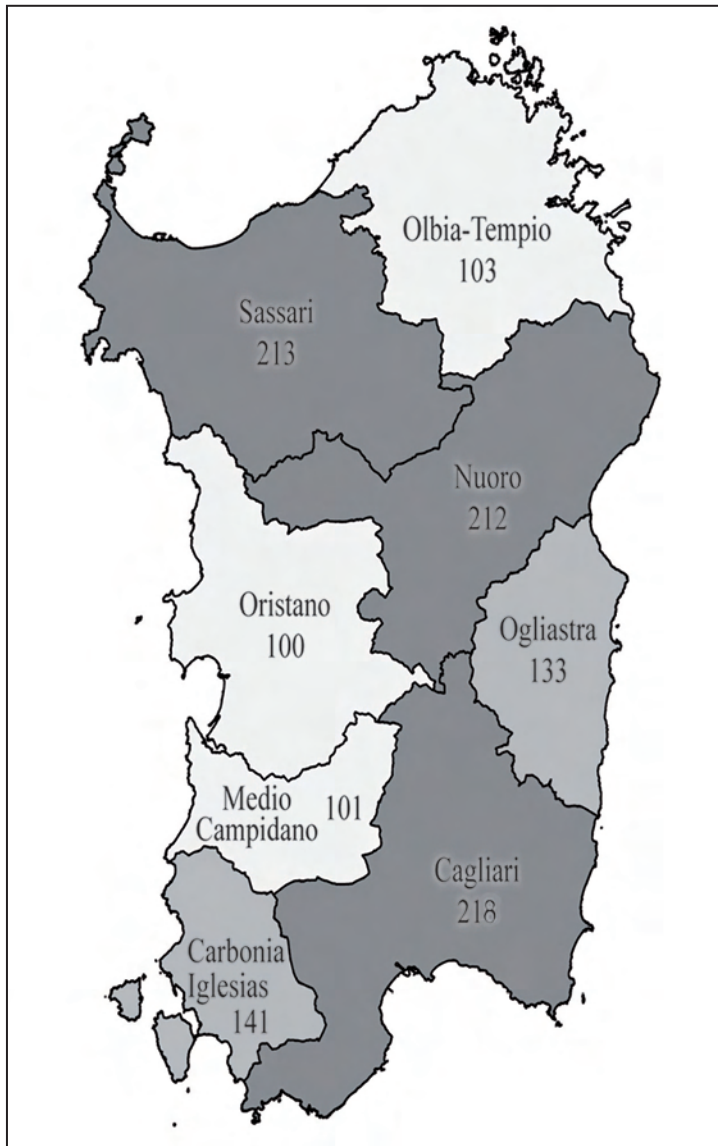


Figure 3. Number of species reported for each province.



**LIST OF SPECIES**

Family CTENIZIDAE

*Cteniza brevidens* (Doleschall, 1871)

CHOROTYPE. Tyrrhenian endemic.

REFERENCES. (10) Costa, 1885 (sub *Aepicephalus brevidens*); (13) Garneri, 1902 (sub *Aepicephalus brevidens*); (84) Pesarini, 1994 (sub *Aepycephalus brevidens*).

PROVINCES. (84); Oristano (10, 13).

REMARKS. Cited only for Sicily (Ausserer, 1871) and Sardinia. Species insufficiently described, most probably, should be named *Aepicephalus* sp. (fam. Cyrtachenidae). Mediterranean Cyrtachenidae are easily confused with *Cteniza* (all large stocky black spiders). *Aepycephalus* has been incorrectly synonymized with *Cyrtachenius* by Raven 1985. *Aepicephalus* is common in SW Italy (Campania, Basilicata, Calabria) and in both Sicily and Sardinia. Probably there are several different species of *Aepicephalus* in Italy and the Sardinian species then would be a new and as yet undescribed species; hence *Aepicephalus* sp. (Decae A. pers. comm.).

*Cteniza moggridgei* O.P.-Cambridge, 1874

CHOROTYPE. Mediterranean.

REFERENCES. (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (139).

*Cteniza sauvagesi* (Rossi, 1788)

CHOROTYPE. Tyrrhenian endemic.

REFERENCES. (3) Pavesi, 1876 (sub *C. Sauvagei*); (6) Magretti, 1880 (sub *C. sauvagesi*); (7a) Costa, 1882 (sub *Migale fodiens*); (8) Costa, 1884 (sub *Mygale fodiens*); (13) Garneri, 1902 (sub *Nemesia fodiens*).

PROVINCE. (8); Cagliari (6, 7a); Carbonia-Iglesias (3, 6); Oristano/Nuoro (13).

Family NEMESIIDAE

*Nemesia fertoni* Simon, 1914

CHOROTYPE. Sardo-Corsican endemic.

REFERENCES. (15) Simon, 1914; (84) Pesarini, 1994; (132) Pantini & Sassu, 2009.

PROVINCES. (84); Sassari (15, 132).

*Nemesia kahmanni* Kraus, 1955

CHOROTYPE. Sardinian endemic.

REFERENCES. (20) Krauss, 1955; (84) Pesarini, 1994.

PROVINCES. (84); Sassari (20).

*Nemesia maculatipes* Ausserer, 1871

CHOROTYPE. W-Mediterranean.

REFERENCES. (13) Garneri, 1902; (15) Simon, 1914; (132) Pantini & Sassu, 2009.

PROVINCES. (15); Carbonia-Iglesias (13); Sassari (132).

REMARKS. This probably is a good species and endemic to Sardinia. The idea that it is widely spread in the western Mediterranean is incorrect (Decae & Di Franco 2005).

*Nemesia meridionalis* (Costa, 1835)

CHOROTYPE. W-Mediterranean.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994 (sub *N. badia*).

PROVINCE. (84); Carbonia-Iglesias (13).

REMARKS ON FAMILY NEMESIIDAE. A revision of the Sardinian *Nemesia* fauna (and also the Corsican *Nemesia* fauna) is badly needed. A check of type material, and the analysis of topotypical material is necessary. Regarding our poor state of knowledge of the genus *Nemesia* in the Mediterranean area see Decae & Di Franco (2005: 133). *Nemesia africana* was cited by Garneri (1902) and Pesarini (1994). It is very unlikely that this species really occurs in Sardinia. The species itself is insufficiently described to make a diagnosis without checking possible type material (Decae A. pers. comm.). It is not reported in the catalogue. The citations of *N. caementaria* (Magretti, 1880; Garneri, 1902 (sub *N. coementaria*); Pesarini, 1994), *N. cellicola* (Pesarini, 1994) and *N. manderstjerna* (Garneri, 1902; Pesarini, 1994) are based on misidentifications (Decae A. pers. comm.) and so they are not reported in the catalogue.

## Family FILISTATIDAE

*Filistata insidiatrix* (Forskål, 1775)

CHOROTYPE. Mediterranean.

REFERENCES. (6) Magretti, 1880 (sub *F. testacea*); (10) Costa, 1885 (sub *F. testacea*); (13) Garneri, 1902 (sub *F. testacea*); (42) Puddu, 1971 (sub *Filistrata insidiatrix*); (45) Sanna et al., 1972; (68) Brignoli, 1982; (83) Pons, 1993; (84) Pesarini, 1994; (94) Arnò et al., 1998; (133) Trotta, 2009.

PROVINCE. (13, 84); Cagliari (42); Carbonia-Iglesias (6, 45, 133); Nuoro (68, 83); Olbia-Tempio (68); Sassari (10, 94, ined.).

HABITAT. Avenue of lime trees (94); hypogean habitat (42, 45, 83).

EXAMINED MATERIAL. OLBIA-TEMPIO: Olbia, Isola Tavolara, 1 juv. 24.II.1966, 1 juv. 25.IV.1966 leg. Gruppo Isole C.N.R. (MBG).

\**Pritha nana* (Simon, 1868)

CHOROTYPE. Mediterranean.

HABITAT. Garrigue (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer vegetation 1 male 5-19.V.2009, 3 males 19.V-4.VI.2009, 3 males, 1 female 29.VI-14.VII.2009, 3 males 4-16.VI.2009, 2 males 16-29.VI.2009, 1 female 14-28.VII.2009 (ISE); m 200, garrigue, 3 males 19.V-4.VI.2009, 2 males 29.VI-14.VII.2009, 2 males 16-29.VI.2009, 2 males 4-16.VI.2009 (ISE), 2 males 4-16.VI.2009, 1 female 14-28.VII.2009 (MBG), 1 male 14-28.VII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 male 15-30.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

## Family SICARIDAE

*Loxosceles rufescens* (Dufour, 1820)

CHOROTYPE. Cosmopolitan.

REFERENCES. (6) Magretti, 1880 (sub *L. erythrocephala*); (10) Costa, 1885; (13) Garneri, 1902 (sub *L. erythrocephala*); (31) Brignoli, 1969a; (32) Bri-

gnoli, 1969b; (34) Dresco & Hubert, 1969; (46) Thermes, 1972; (57) Brignoli, 1976a; (84) Pesarini, 1994; (126) Grafitti & Merella, 2008; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (10, 13, 31, 32, 46, 57, 139); Carbonia-Iglesias (6, 13, 46, 126, 133, 139); Medio Campidano (139, ined.); Nuoro (31, 34); Olbia-Tempio (31, 32, 133); Oristano (ined.); Sassari (6, 13, 57, 133, ined.).

HABITAT. Hypogean habitat (31, 34, 46, 126); orchard (ined.); garrigue (ined.); inside house (ined.); mediterranean maquis (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 male and 1 female 19.V-4.VI.2009, 1 male 16-29.VI.2009, 1 female 14-28.VII.2009 (ISE); m 170, mining landfills covered by pioneer plants, 1 female 5-19.V.2009, 1 male 19.V-4.VI.2009, 1 male and 1 female 4-16.VI.2009, 2 males 16-29.VI.2009, 6 males and 1 female 29.VI-14.VII.2009 (ISE), 2 males 4-16.VI.2009 (MBG), 1 male, 2 females and 1 juv. 14-28.VII.2009, 2 males 28.VII-10.VIII.2009, 2 males and 1 female 6-20.X.2009 (ISE); m 200, garrigue, 2 males and 3 females 19.V-4.VI.2009 (MBG), 1 male and 1 female 19.V-4.VI.2009, 1 male 4-16.VI.2009, 3 males and 1 female 14-28.VII.2009 (ISE), 1 male 28.VII-10.VIII.2009 (MBG), 1 male 28.VII-10.VIII.2009, 1 male 25.VIII-8.IX.2009, 1 male 10-25.VIII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 female 5-18.V.2009, 1 male 30.VI-13.VII.2009, 2 males 3-15.VI.2009 (ISE); m 235, garrigue, 1 male 18.V-3.VI.2009 (ISE), 1 female 15-30.VI.2009 (MBG), 1 male 15-30.VI.2009, 1 male 13-27.VII.2009 (ISE), 1 female 13-27.VII.2009 (MBG), 1 male 6-20.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

OLBIA-TEMPIO: Olbia, Isola Molaria, 1 female 25.II.1966; near little church, 1 female 3.XI.1965; Isola Tavolara, 24.II.1966 (MBG) (all leg. Gruppo Isole C.N.R.).

ORISTANO: Bonarcado, inside house, 1 juv 5.I.2009 leg. Sassu A. (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 male 24-31.VII.1997 leg. Ist. Ent. SS (ISE).

## Family SCYTODIDAE

*Scytodes thoracica* (Latreille, 1802)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902; (31) Brignoli, 1969a; (84) Pesarini, 1994; (94) Arnò et al., 1998.

PROVINCE. (84); Cagliari (ined.); Carbonia-Iglesias (13, 31); Olbia-Tempio (31); Oristano (ined.); Sassari (94, ined.).

HABITAT. Avenue of lime trees (94); inside house (ined.); pinewood (ined.).

EXAMINED MATERIAL. CAGLIARI: Pula, Pixina Manna, m 140, pinewood, emergence cages, 1 female 25.V.2009 leg. Ist. Ent. SS (ISE).

ORISTANO: Bonarcado, inside house, 1 female 5.I.2009 leg. Sassu A. (ISE).

OLBIA-TEMPIO: Olbia, Isola Molarà, 2 females 25.II.1966 leg. Valle A., Bianchi R. (MBG).

*Scytodes velutina* Heineken et Lowe, 1832

CHOROTYPE. Mediterranean.

REFERENCES. (13) Garneri, 1902 (sub *S. delicatula*); (31) Brignoli, 1969a (sub *S. delicatula*); (57) Brignoli, 1976a; (133) Trotta, 2009.

PROVINCE. Cagliari (13); Carbonia-Iglesias (31); Medio Campidano (ined.); Nuoro (31, 57); Olbia-Tempio (133); Sassari (ined.).

HABITAT. Garrigue (ined.); mediterranean maquis (ined.); mining landfills covered by pioneer plants (ined.); vineyard (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 female 28.VII-10.VIII.2009, 2 males 10-25.VIII.2009 (MBG); m 170, mining landfills covered by pioneer plants, 1 male and 1 juv. 5-19.V.2009, 6 males 19.V-4.VI.2009, 2 males and 1 juv. 16-29.VI.2009, 4 males 4-16.VI.2009, 1 male 29.VI-14.VII.2009, 2 males and 3 females 14-28.VII.2009, 2 males and 1 females 28.VII-10.VIII.2009, 2 females 8-22.IX.2009, 2 males 6-20.X.2009 (ISE); m 200, garrigue, 4 males 19.V-4.VI.2009, 1 male 5-19.V.2009, 1 male 16-29.VI.2009, 2 males 29.VI-14.VII.2009, 1 male 14-28.VII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 2 males 15-30.VI.2009, 6 males and 1 female

3-15.VI.2009, 1 male 30.VI-13.VII.2009, 1 male and 1 female 13-27.VII.2009, 2 males and 1 female 27.VII-10.VIII.2009, 1 female 10-25.VIII.2009 (ISE); m 235, garrigue, 1 male 18.V-3.VI.2009, 1 male 3-15.VI.2009 (ISE), 1 male and 1 female 30.VI-13.VII.2009 (MBG), 1 female 15-30.VI.2009, 2 males 27.VII-10.VIII.2009 (ISE), 1 female 13-27.VII.2009 (MBG), 1 male 10-25.VIII.2009 (ISE); m 260, mediterranean maquis, 1 male and 1 juv. 5-18.V.2009, 4 males, 1 female and 1 juv. 18.V-3.VI.2009, 3 males and 1 female, 30.VI-13.VII.2009, 2 males and 1 female 15-30.VI.2009, 5 males and 1 female 3-15.VI.2009, 1 male 27.VII-10.VIII.2009, 1 male, 2 females and 1 juv 13-27.VII.2009, 1 male and 1 female 13-27.VII.2009, 1 male 25.VIII-8.IX.2009, 2 females 10-25.VIII.2009 (ISE), 1 male and 1 female 22.IX-6.X.2009 (MBG), 1 male and 1 female 22.IX-6.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

SASSARI: Torralba, vineyard, 1 male 1.VII.1995, leg. Ist. Ent. SS (ISE).

## Family LEPTONETIDAE

*Leptoneta insularis* Roewer, 1953

CHOROTYPE. Sardinian endemic.

REFERENCES. (19) Roewer, 1953; (28) Brignoli, 1967b; (30) Cerruti, 1968; (84) Pesarini, 1994.

PROVINCE. (84); Sassari (19, 28, 30).

HABITAT. Hypogean habitat (19, 28, 30).

*Leptoneta patrizii* Roewer, 1953

CHOROTYPE. Sardinian endemic.

REFERENCES. (19) Roewer, 1953; (30) Cerruti, 1968; (41) Brignoli, 1971c; (51) Brignoli, 1974; (84) Pesarini, 1994.

PROVINCE. (84); Carbonia-Iglesias (19, 30, 41, 51).

HABITAT. Hypogean habitat (19, 30, 41, 51).

*Leptoneta serbariuana* Roewer, 1953

CHOROTYPE. Sardinian endemic.

REFERENCES. (19) Roewer, 1953; (29) Altara, 1968; (30) Cerruti, 1968; (33) Brignoli, 1969c; (38) Puddu, 1970; (52) Puddu & Pirodda, 1974; (84) Pesarini, 1994.

PROVINCE. (84); Carbonia-Iglesias (19, 30); Ogliastra (29, 33, 38, 52).

HABITAT. Hypogean habitat (19, 29, 30, 33, 38, 52).

***Leptoneta taramellii*** Roewer, 1956

CHOROTYPE. Sardinian endemic.

REFERENCES. (22) Roewer, 1956; (84) Pesarini, 1994.

PROVINCE. (84); Nuoro (22).

HABITAT. Hypogean habitat (22).

***Paraleptoneta spinimana*** (Simon, 1884)

CHOROTYPE. W-Mediterranean.

REFERENCES. (19) Roewer, 1953 (sub *P. fagei*); (28) Brignoli, 1967b (sub *P. pasquinii*); (30) Cerruti, 1968 (sub *P. fagei*); (33) Brignoli, 1969c (sub *P. fagei*); (41) Brignoli, 1971c (sub *P. spinimana fagei*); (52) Puddu & Pirodda, 1974 (sub *Segrea sardiniensis*); (64) Brignoli, 1979d; (67) Puddu, 1980; (84) Pesarini, 1994; (121) Grafitti, 2007a (sub *Segrea sardiniensis*).

PROVINCE. (84); Cagliari (33, 41); Cagliari/Nuoro (67); Carbonia-Iglesias (28, 33, 41, 52, 64); Ogliastra (64); Sassari (19, 30, 121).

HABITAT. Hypogean habitat (19, 28, 30, 33, 41, 52, 64, 67, 121).

Family PHOLCIDAE

***Holocnemus pluchei*** (Scopoli, 1763)

CHOROTYPE. Mediterranean.

REFERENCES. (3) Pavesi, 1876 (sub *Pholcus rivulatus*); (13) Garneri, 1902 (sub *H. rivulatus*); (20) Krauss, 1955 (sub *H. pulchii*); (40) Brignoli, 1971b; (54) Brignoli, 1975; (84) Pesarini, 1994.

PROVINCE. (20, 84); Cagliari (13, 54); Carbonia-Iglesias (3, 13, 40, 54); Nuoro (40); Olbia-Tempio (54); Sassari (40, 54).

***Pholcus opilionoides*** (Schrank, 1781)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

***Pholcus phalangioides*** (Fuesslin, 1775)

CHOROTYPE. Cosmopolitan.

REFERENCES. (5) Pavesi, 1878; (6) Magretti, 1880; (10) Costa, 1885; (13) Garneri, 1902; (14) Gozo, 1908; (19) Roewer, 1953; (22) Roewer, 1956; (30) Cerruti, 1968; (34) Dresco & Hubert, 1969; (37) Argiolas et al., 1970; (38) Puddu, 1970; (40) Brignoli, 1971b; (41) Brignoli, 1971c; (44) Casale, 1972; (46) Thermes, 1972; (47) Bartolo et al., 1973; (51) Brignoli, 1974; (64) Brignoli, 1979d; (83) Pons, 1993; (84) Pesarini, 1994; (105) Grafitti, 2003; (121) Grafitti, 2007a; (122) Grafitti, 2007b; (126) Grafitti & Merella, 2008.

PROVINCE. (84); Cagliari (6, 10, 13, 14, 37, 40, 46, 64); Carbonia-Iglesias (14, 19, 30, 40, 41, 46, 47, 64, 83, 105, 126); Nuoro (22, 34, 41, 44, 51, 83); Ogliastra (38, 64); Olbia-Tempio (5, 13, 40, ined.); Oristano (64, 122); Sassari (51, 64, 83, 121, ined.).

HABITAT. Hypogean habitat (14, 19, 22, 30, 34, 37, 38, 40, 41, 44, 46, 47, 51, 64, 83, 105, 121, 126, ined.); inside house (ined.).

EXAMINED MATERIAL. OLBIA-TEMPIO: Olbia, Isola Molara, 3 females 25.II.1966 leg. Valle A. (MBG); Isola Tavolara, Grotta del Papa, 1 female 26.II.1966 leg. Gruppo Isole C.N.R. (MBG).

SASSARI: Sassari, inside house, 1 female 2.X.2007 leg. Sassu A. (ISE).

***Psilochorus simoni*** (Berland, 1911)

CHOROTYPE. European.

REFERENCES. (64) Brignoli, 1979d.

PROVINCE. Cagliari (64).

HABITAT. Hypogean habitat (64).

***Spermophora senoculata*** (Dugès, 1836)

CHOROTYPE. Holarctic.

REFERENCES. (34) Dresco & Hubert, 1969; (37) Argiolas et al., 1970; (40) Brignoli, 1971b; (45) Sanna et al., 1972; (64) Brignoli, 1979d; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (37); Carbonia-Iglesias (45, 64); Nuoro (34, 40).

HABITAT. Hypogean habitat (34, 37, 45, 64).

***Spermophorides baunei*** Wunderlich, 1995

CHOROTYPE. Sardinian endemic.



REFERENCES. (87) Wunderlich, 1995b.

PROVINCE. Nuoro/Ogliastra (87); Ogliastra (87).

HABITAT. Under stones (87).

***Spermophorides elevata*** (Simon, 1873)

CHOROTYPE. Tyrrhenian endemic.

REFERENCES. (40) Brignoli, 1971b (sub *Spermophora elevata*).

PROVINCE. Cagliari (40); Carbonia-Iglesias (40); Medio Campidano (40); Nuoro (40); Olbia-Tempio (40, ined.); Sassari (40).

EXAMINED MATERIAL. OLBIA-TEMPIO: Olbia, Isola Molarotto, 1 juv. 25.II.1966 (MBG); Isola Tavolara, 1 male 5.XI.1965 (MBG) (all leg. Gruppo Isole C.N.R.).

Family SEGESTRIDAE

***Ariadna brignolii*** Wunderlich, 2011

CHOROTYPE. Tyrrhenian endemic.

REFERENCES. (136) Wunderlich, 2011.

PROVINCE. Medio-Campidano (136).

REMARKS. The citation is based only on female specimens and requires further confirmation.

***Segestria bavarica*** C.L. Koch, 1843

CHOROTYPE. Palearctic.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Tiana, m 522, hazelnut-orchard, bark traps, 1 juv 19-27.VII.2005 (ISE), 1 juv 31.VIII-7.IX.2005 (MBG) (all leg. I.S.E.).

***Segestria florentina*** (Rossi, 1790)

CHOROTYPE. European.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (58) Brignoli, 1976b; (84) Pesarini, 1994; (94) Arnò et al., 1998; (132) Pantini & Sassu, 2009.

PROVINCE. (84); Cagliari (58); Carbonia-Iglesias (58); Nuoro (8, 13); Olbia-Tempio (8, 13); Sassari (8, 94, 132, ined.).

HABITAT. Avenue of lime trees (94).

EXAMINED MATERIAL. SASSARI: Sassari, Giordano, m 40, 1 female 6.III.2009, leg. Molinu A. (ISE).

***Segestria senoculata*** (Linnaeus, 1758)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902; (94) Arnò et al., 1998; (127) Loru et al., 2008.

PROVINCE. (127); Cagliari (13); Nuoro (ined.); Sassari (94).

HABITAT. Avenue of lime trees (94); hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, bark traps, 1 juv. 1-8.VI.2005 (ISE), 1 juv. 1-8.VI.2005 (MBG), 1 juv. 14-19.VII.2005 (MBG), 1 juv. 19-27.VII.2005 (MBG), 1 juv. 10-17.VIII.2005 (MBG), 1 juv. 10-17.VIII.2005 (ISE), 1 male 13-20.X.2004 (MBG) (all leg. I.S.E.).

REMARKS ON FAMILY SEGESTRIDAE. Wunderlich (2011) illustrates the complex nomenclature and taxonomic issues to do with the genus *Ariadna* Audouin, 1826 in the Mediterranean. He claims that *A. insidiatrix* is a species limited to North Africa, therefore the citation of this species in Sardinia by Trotta (2009) refers very probably to another taxon, maybe *A. brignolii*. While awaiting further data about the distribution of this genus, it was thought better not to include *A. insidiatrix* in the catalogue.

Family DYSDERIDAE

***Dysdera ancora*** Grasshoff, 1959

CHOROTYPE. Tyrrhenian endemic.

REFERENCES. (23) Grasshoff, 1959; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (23); Medio Campidano (23); Oristano (23).

REMARKS. It would be necessary to re-examine Grasshoff's material in order to define the real identity of the species. (Gasparo F. pers. comm.).



***Dysdera crocata*** C.L. Koch, 1838

CHOROTYPE. Cosmopolitan.

REFERENCES. (3) Pavese, 1876 (sub *D. crocata*); (4) Magretti, 1878 (sub *D. crocata*); (6) Magretti, 1880 (sub *D. crocata*); (10) Costa, 1885; (13) Garneri, 1902 (sub *D. crocata*); (20) Krauss, 1955; (23) Grasshoff, 1959; (79) Deeleman-Reinhold & Deeleman, 1988; (84) Pesarini, 1994.

PROVINCE. (13, 20, 23, 84); Cagliari (6, 13, 23, 79); Carbonia-Iglesias (3, 6, 13, 23); Medio-Campidano (ined.); Nuoro (ined.); Oristano (4, 6, 13, 23); Sassari (6, 10, 13, ined.).

HABITAT. Cherry-orchard (ined.); orchard (ined.); river (23); mediterranean maquis (ined.); hazelnut-orchard (ined.); near a cave (23); under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, pitfall traps, 1 female 29.VI-14.VII.2009 leg. Sassu A., Verdinelli M. (ISE). Guspini, Montevocchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 female 30.VI-13.VII.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 2 males 11-18.IV.2007, 2 males 18-26.IV.2007, 4 males 16-23.V.2007, 3 males and 3 females 21-28.VI.2007, 1 male and 1 female 17-24.VII.2007, 1 female 24-30.VIII.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 4 males and 2 females 27.VII-8.VIII.2006, 1 male and 1 female 13-27.VII.2006 (MBG), 3 males 13-27.VII.2006 (ISE), 1 male 8-24.VIII.2006, 1 male and 2 females 21.IX-5.X.2006, 1 female 31.X-21.XI.2006, 1 male 5-16.X.2006, 1 female 21.XI.2006-8.I.2007, 1 male 21.II-19.III.2007 (MBG), 4 males 19.III-26.IV.2007 (MBG), 1 female 26.IV-30.V.2007 (ISE), 1 male and 1 juv. 30.V-4.VII.2007 (MBG) (all pitfall traps and leg. I.S.E.).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 male and 1 female 24-31.VII.1997 leg. Ist. Ent. SS (ISE).

***Dysdera jana*** Gasparo et Arnedo, 2009

CHOROTYPE. Sardinian endemic.

REFERENCES. (128) Arnedo et al., 2009.

PROVINCE. Nuoro (128).

HABITAT. Under *Pinus* (128); under *Quercus ilex* (128).

***Dysdera shardana*** Opatova et Arnedo, 2009

CHOROTYPE. Sardinian endemic.

REFERENCES. (23) Grasshoff, 1959 (sub *Dysdera kollari* misidentification) (128) Arnedo et al., 2009.

PROVINCE. Cagliari (128); Nuoro (128, ined.); Oristano (23, 128); Sassari (23).

HABITAT. *Castaneus* and *Quercus suber* forest (127); dry, open *Quercus* forest (127); mixed *Pinus* and *Quercus* forest (127); old crops and open forest *Quercus* and *Rubus* (127); open *Quercus* forest w/mosses (127); *Quercus pubescens* forest (127); under *Quercus ilex* (127); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 male 11-18.IV.2007, 1 male 16-23.V.2007 (MBG) (all leg. I.S.E.).

***Dysdera ventricosa*** Grasshoff, 1959

CHOROTYPE. Tyrrhenian endemic.

REFERENCES. (23) Grasshoff, 1959; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (23).

REMARKS. A species to re-examine. From Grasshoff's drawing it is unclear how the "bulb" is formed, which seems to lack all the apical structures typical of the genus *Dysdera*. The holotype could be a defective specimen (Gasparo F. pers. comm.).

***Harpactea alicatai*** Brignoli, 1979

CHOROTYPE. Sardinian endemic.

REFERENCES. (62) Brignoli, 1979b; (84) Pesarini, 1994.

PROVINCE. (84); Sassari (62).

***Harpactea gennargentu*** Wunderlich, 1995

CHOROTYPE. Sardinian endemic.

REFERENCES. (87) Wunderlich, 1995b.

PROVINCE. Nuoro (ined.); Nuoro/Ogliastra (87).

HABITAT. Hazelnut-orchard (ined.); alder grove (ined.); under *Juniperus* sp. (ined.); under stones in a forest (87).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 male 30.V-4.VII.2007 (ISE), 6 males 30.V-4.VII.2007 (MBG) (all leg. I.S.E.). Desulo, Gennargentu, mountain refuge, m 1500, under *Juniperus* sp., 1 female 11-25.VII.2006 (ISE), alder-grove, 1 female 23.VIII-5.IX.2006, 1 female 19.IX-3.X.2006, 3 males and 1 female 10-24.V.2007 (ISE) (all pitfall traps and leg. Fiori F.). Fonni, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 male 5-19.VI.2007 leg. Fiori F. (ISE).

***Harpactea nuragica*** Alicata, 1966

CHOROTYPE. Sardinian endemic.

REFERENCES. (25) Alicata, 1966; (84) Pesarini, 1994.

PROVINCE. (84); Medio-Campidano (ined.); Nuoro (25).

HABITAT. *Quercus ilex* forest, under stones (25); mediterranean maquis (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, pitfall traps, 2 males 7-21.IV.2009, 2 males 19.V-4.VI.2009, 1 male 5-19.V.2009 leg. Sassu A., Verdinelli M. (ISE). Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 2 males 21.IV-5.V.2009, 2 males 7-21.IV.2009 leg. Sassu A., Verdinelli M. (ISE).

***Harpactea sardoa*** Alicata, 1966

CHOROTYPE. Tyrrhenian endemic.

REFERENCES. (25) Alicata, 1966; (84) Pesarini, 1994.

PROVINCE. (84); Nuoro (25, ined.).

HABITAT. Cherry-orchard (ined.); *Quercus ilex* forest (25); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 male 18-26.IV.2007 (ISE); Canale e' Figù, m 576, walnut-orchard, 1 male 16-23.V.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 male 11-18.IV.2007, 3 males 18-26.IV.2007 (ISE) (all pitfall traps and leg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 male 18-26.IV.2007, 1 male 16-23.V.2007 leg. I.S.E. (ISE).

***Parachtes inaequipes*** (Simon, 1882)

CHOROTYPE. Sardo-Corsican endemic.

REFERENCES. (54) Brignoli, 1975; (84) Pesarini, 1994.

PROVINCES. (84); Olbia-Tempio (54); Sassari (54).

***Parachtes limbarae*** (Kraus, 1955)

CHOROTYPE. Sardinian endemic.

REFERENCES. (20) Krauss, 1955 (sub *Harpactocrates limbarae*); (84) Pesarini, 1994.

PROVINCE. (84); Medio Campidano (ined.); Nuoro (ined.); Sassari (20).

HABITAT. Cherry-orchard (ined.); mediterranean maquis (ined.); hazelnut-orchard (ined.); alder-grove (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 male 5-18.V.2009 (MBG), 2 males 5-18.V.2009, 1 male 13-27.VII.2009 (ISE) (all leg. Sassu A., Verdinelli M.).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 male 11-18.I.2008 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male 21.II-19.III.2007 (ISE) (all pitfall traps and leg. I.S.E.). Desulo, Gennargentu, mountain refuge, m 1500, alder-grove, pitfall traps, 1 female and 3 males 10-24.V.2007 leg. Fiori F. (ISE). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, pitfall traps, 2 males 5-19.VI.2007 leg. Fiori F. (ISE).

***Sardostalita patrizii*** (Roewer, 1956)

CHOROTYPE. Sardinian endemic.

REFERENCES. (22) Roewer, 1956 (sub *Stalita patrizii*); (30) Cerruti, 1968 (sub *Stalita patrizii*); (84) Pesarini, 1994; (98) Gasparo, 1999; (103) Grafitti, 2001; (106) Casale et al., 2004.

PROVINCE. (84); Nuoro (22, 30, 98); Ogliastra (98, 103, 106).

HABITAT. Hypogean habitat (22, 30, 98, 103, 106).

REMARKS ON FAMILY DYSDERIDAE. Citations of *Dysdera erythrina* (Costa, 1885; Garneri, 1902) and *D. nicaeensis* (Roewer, 1953; Cerruti, 1968) are

considered unreliable (Gasparo F. pers. comm.) and therefore excluded from the catalogue.

#### Family OONOPIDAE

##### *Oonops placidus corsicus* Dalmas, 1916

CHOROTYPE. W-Mediterranean (?).

REFERENCES. (27) Brignoli, 1967a; (54) Brignoli, 1975; (84) Pesarini, 1994 (sub *O. placidus*).

PROVINCES. (84); Nuoro (27); Oristano (27, 54); Sassari (27).

REMARKS. Pesarini (1994) cites only *O. placidus* in the checklist without indicating the subspecies. In Sardinia only the subspecies *corsicus* is cited.

##### *Orchestina pavesii* (Simon, 1873)

CHOROTYPE. Mediterranean.

REFERENCES. (27) Brignoli, 1967a; (54) Brignoli, 1975; (84) Pesarini, 1994.

PROVINCE. (84); Sassari (27, 54, ined.).

HABITAT. Olive-grove (ined.).

EXAMINED MATERIAL. SASSARI: Sassari, Lu Buttangaru, olive-grove, chemical knockdown, 1 male 20.X.2008 leg. Ist. Ent. SS (MBG).

##### *Orchestina setosa* Dalmas, 1916

CHOROTYPE. W-Mediterranean (?).

REFERENCES. (27) Brignoli, 1967a.

PROVINCE. Sassari (27).

##### *Orchestina simoni* Dalmas, 1916

CHOROTYPE. S-European.

REFERENCES. (27) Brignoli, 1967a.

PROVINCE. Sassari (27).

##### *Silhouettella loricatula* (Roewer, 1942)

CHOROTYPE. Turano-Europeo-Mediterranean.

REFERENCES. (27) Brignoli, 1967a (sub *Dysderina loricatula*); (84) Pesarini, 1994 (sub *Dysderina loricata*); (118) Burger et al., 2006; (133) Trotta, 2009.

PROVINCE: (84); Cagliari (133); Carbonia-Iglesias (133); Medio Campidano (27, ined.); Nuoro (27, 118); Olbia-Tempio (133); Sassari (27, ined.).

HABITAT. Garrigue (ined.); mediterranean maquis (ined.); mining landfills covered by pioneer plants (ined.); vineyard (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 female 16-29.VI.2009, 3 females 14-28.VII.2009, 1 female 8-22.IX.2009 (ISE); m 170, mining landfills covered by pioneer plants, 1 female 5-19.V.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 235, garrigue, 1 female 13-27.VII.2009 (ISE); m 260, mediterranean maquis, 1 female 13-27.VII.2009 (MBG), 1 female 22.IX-6.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

SASSARI: Torralba, vineyard, 1 female 29.IV.1995 leg. Ist. Ent. SS (ISE).

#### Family PALPIMANIDAE

##### *Palpimanus gibbulus* Dufour, 1820

CHOROTYPE. Mediterranean.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (20) Krauss, 1955; (84) Pesarini, 1994; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (8, 13, ined.); Carbonia-Iglesias (13, 133); Medio Campidano (139, ined.); Sassari (20).

HABITAT. Garrigue (ined.); pinewood (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. CAGLIARI: Pula, Pixina Manna, m 140, pinewood, emergence cages, 1 female 29.IV.2009, 1 male, 2 females, 1 juv 25.V.2009 leg. Ist. Ent. SS (ISE).

MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, 1 male 21.IV-5.V.2009, 1 male 4-16.VI.2009 (ISE); m 200, garrigue, 1 male 19.V-4.VI.2009 (MBG), 1 female 25.VIII-8.IX.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 female 18.V-3.VI.2009 (MBG), 1 male 18.V-3.VI.2009, 1 male 3-15.VI.2009 (ISE) (all leg. Sassu A., Verdinelli M.).

## Family MIMETIDAE

*Ero aphana* (Walckenaer, 1802)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902; (112) Thaler & Knoflach, 2004; (113) Thaler et al., 2004.

PROVINCE. Cagliari (13); Ogliastra (112, 113); Oristano (ined.); Sassari (ined.).

HABITAT. Orchard (ined.); olive-grove (ined.); vineyard (ined.).

EXAMINED MATERIAL. ORISTANO: Cabras, Sinis, at sea level, 1 male 20.IV.2003 leg. Pantini P., Magnati F. (MBG).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, 1 female 25.VI.1993 (ISE); orchard, 1 female 26.VI.1997 (ISE) (all beating tray and leg. Ist. Ent. SS). Torralba, vineyard, 1 female 17.VI.1995 leg. Ist. Ent. SS (ISE).

*Ero tuberculata* (De Geer, 1778)

CHOROTYPE. Palearctic.

REFERENCES. (12) Costa, 1886; (13) Garneri, 1902; (127) Loru et al., 2008.

PROVINCE. (13, 127); Cagliari (ined.); Medio Campidano (12); Nuoro (ined.); Sassari (ined.).

HABITAT. Citrus-grove (ined.); marshland (12); hazelnut-orchard (127, ined.); vineyard (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 female 23.X.2000 leg. CRAS (ISE).

NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, bark traps, 1 female 21-29.IX.2005 leg. I.S.E. (ISE). Tiana, m 522, hazelnut-orchard, beating tray, 1 female 21.IX.2005 leg. I.S.E. (ISE).

SASSARI: Torralba, vineyard, 1 female 15.X.1994 leg. Ist. Ent. SS (ISE).

*Mimetus laevigatus* (Keyserling, 1863)

CHOROTYPE. Centralasiatic-Mediterranean.

REFERENCES. (13) Garneri, 1902 (sub *M. intersector* Simon, 1881 misidentification).

PROVINCE. Cagliari (13).

## Family ERESIDAE

*Eresus kollari* Rossi, 1846

CHOROTYPE. Sibero-European.

REFERENCES. (7a) Costa, 1882 (sub *E. quatuorguttatus*); (8) Costa, 1884 (sub *E. quatuorguttatus*); (13) Garneri, 1902 (sub *Eresus cinnaberinus*) (*Eresus cinnaberinus*).

PROVINCE. Nuoro/Ogliastra (7a, 8, 13); Ogliastra (ined.).

EXAMINED MATERIAL. OGLIASTRA: Arzana, near Punta La Marmora, 1 male 1.X.2007 leg. Marrosu M. (ISE).

*Eresus ruficapillus* C.L. Koch, 1846

CHOROTYPE. S-European.

REFERENCES. (1) Canestrini & Pavesi, 1868; (2a) Canestrini & Pavesi, 1870; (8) Costa, 1884; (13) Garneri, 1902.

PROVINCES. (1, 2a); Nuoro/Ogliastra (8); Ogliastra (13).

HABITAT. Under stones (8).

## Family OECOBIIDAE

*Oecobius maculatus* Simon, 1870

CHOROTYPE. Turano-Mediterranean.

REFERENCES. (90) Wunderlich, 1995e; (116) Helsdingen, 2005.

PROVINCE. Medio Campidano (ined.); Nuoro (90, 116); Ogliastra (116); Sassari (90).

HABITAT. Garrigue (ined.); inside house (116); under stones (90); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Narcauli, m 170, mining landfills covered by pioneer plants, 4 males and 1 female 19.V-4.VI.2009, 4 males 4-16.VI.2009, 1 female 16-29.VI.2009, 3 males and 1 female 28.VII-10.VIII.2009, 4 males and 1 female 10-25.VIII.2009 (ISE), 1 female 25.VIII-8.IX.2009 (MBG); m 200, garrigue, 1 female 4-16.VI.2009, 1 male 28.VII-10.VIII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, pitfall traps, 3 males 5-18.V.2009, 12 males and 1 female 18.V-3.VI.2009, 3 males and 2 females 15-30.VI.2009 (ISE), 6 males 3-15.VI.2009 (MBG), 1 male and 1 female 30.VI-13.VII.2009, 10 males, 2 females and 1 juv. 3-15.VI.2009, 6 males, 2 females and 3 juv. 13-27.VII.2009, 14 males and 5 females 27.VII-



10.VIII.2009, 2 males and 1 female 10-25.VIII.2009, 2 females 25.VIII-8.IX.2009 (ISE), 1 male and 4 females 10-25.VIII.2009 (MBG) (all leg. Sassu A., Verdinelli M.).

***Oecobius navus*** Blackwall, 1859

CHOROTYPE. Cosmopolitan.

REFERENCES. (37) Argiolas et al., 1970 (sub *O. annulipes*); (46) Thermes, 1972 (sub *O. annulipes*); (50) Baum, 1974 (sub *O. annulipes*); (52) Puddu & Pirodda, 1974 (sub *O. annulipes*); (94) Arnò et al., 1998 (sub *O. annulipes*); (132) Pantini & Sassu, 2009.

PROVINCES. Cagliari (37, 46, 52); Medio Campidano (ined.); Nuoro (50); Sassari (94, 132).

HABITAT. Avenue of lime trees (94); hypogean habitat (37, 46, 52); garrigue (ined.); mediterranean maquis (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Incurtosu, Naracauli, m 120, mediterranean maquis, pitfall traps, 1 male 19.V-4.VI.2009 (ISE), 1 male and 1 female, 16-29.VI.2009 (MBG), 4 males 29.VI-14.VII.2009, 6 males 4-16.VI.2009, 2 males 16-29.VI.2009 (ISE), 1 male 14-28.VII.2009 (MBG), 1 female 14-28.VII.2009 (ISE) (all leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 male 18.V-3.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

***Uroctea durandi*** (Latreille, 1809)

CHOROTYPE. Mediterranean.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Nuoro/Ogliastra (13).

Family ULOBORIDAE

***Hyptiotes paradoxus*** (C.L. Koch, 1834)

CHOROTYPE. Palearctic.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.); Sassari (ined.).

HABITAT. Hazelnut-orchard (127, ined.); olive-grove (ined.); vineyard (ined.).

EXAMINED MATERIAL. NUORO: Tiana, m 522, hazelnut-orchard, beating tray, 1 male 7.IX.2005 leg. I.S.E. (ISE).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 male 13.X.2009, 1 female 20.X.2009 leg. Ist. Ent. SS (ISE). Torralba, vineyard, beating tray, 1 female 30.IX.1995 leg. Ist. Ent. SS (ISE).

***Polenecia producta*** (Simon, 1873)

CHOROTYPE. Mediterranean.

REFERENCES. (61) Brignoli, 1979a.

PROVINCES. Olbia-Tempio (61).

***Uloborus plumipes*** Lucas, 1846

CHOROTYPE. Mediterranean.

REFERENCES. (46) Thermes, 1972; (52) Puddu & Pirodda, 1974; (83) Pons, 1993.

PROVINCE. Cagliari (46, 52, ined.); Nuoro (83); Sassari (83, ined.).

HABITAT. Hypogean habitat (46, 52, 83).

EXAMINED MATERIAL. CAGLIARI: Domus de Maria, Punta su Pisu, m 14, 2 males, 2 females, XII.2006 leg. Ruzzante (MBG).

SASSARI: Sorso, Platamona, at sea level, 1 female 4.VIII.1994 leg. Ist. Ent. SS (ISE).

***Uloborus walckenaerius*** Latreille, 1806

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.); Olbia-Tempio (8, 13); Sassari (ined.).

HABITAT. Hazelnut-orchard (127, ined.); vineyard (ined.).

EXAMINED MATERIAL. NUORO: Belvì, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 female 10.VIII.2005 leg. I.S.E. (ISE).

SASSARI: Sassari, Platamona, at sea level, 1 male, 22.V.2008 leg. Sassu A. (ISE). Torralba, vineyard, beating tray, 1 female 6.VIII.1994 leg. Ist. Ent. SS (ISE).

Family NESTICIDAE

***Nesticus eremita*** Simon, 1879

CHOROTYPE. S-European.



REFERENCES. (38) Puddu, 1970; (64) Brignoli, 1979d; (83) Pons, 1993; (104) Mucedda et al., 2002; (139) Trotta, 2011.

PROVINCE. Cagliari (64); Ogliastra (38); Sassari (83, 104, 139, ined.).

HABITAT. Hypogean habitat (38, 64, 83, 104, ined.).

EXAMINED MATERIAL. SASSARI: Cossoine, cave Sa Ucca e Mammuscone, 1 female 22.VII.1993 leg. Giachino P.M. (MBG).

#### Family THERIDIIDAE

##### *Anelosimus pulchellus* (Walckenaer, 1802)

CHOROTYPE. European.

REFERENCES. (10) Costa, 1885 (sub *Theridion pulchellum*).

PROVINCE. Cagliari (10); Sassari (ined.).

EXAMINED MATERIAL. SASSARI: Sassari, Platamona, at sea level, 1 male and 1 female 22.V.2008 leg. Sassu A. (ISE).

##### *Anelosimus vittatus* (C.L. Koch, 1836)

CHOROTYPE. European.

REFERENCES. (10) Costa, 1885 (sub *Theridion vittatum*); (67) Puddu, 1980; (116) Helsdingen, 2005; (127) Loru et al., 2008.

PROVINCE. (127); Cagliari/Nuoro (67); Nuoro (116, ined.); Olbia-Tempio (ined.); Oristano (10); Sassari (ined.).

HABITAT. Hypogean habitat (67); orchard (ined.); hazelnut-orchard (127, ined.); olive-grove (ined.); grassland (ined.); forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 male 1.VI.2005 leg. I.S.E. (ISE). Bolotana, Badde e'Salighes, m 850, grassland, 2 males 27.V.2006 leg. Sassu A. (ISE). Tiana, m 522, hazelnut-orchard, beating tray, 1 female 19.V.2005 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Buddusò, near Nuraghe Lolle, forest of *Quercus suber*, beating tray, 1 male and 1 female 24.V.1999 leg. Ist. Ent. SS (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, 1 male and 1 female 21.V.1993 (ISE); olive-grove, beating tray, 1 female 9.VI.1993, 1 fe-

male 18.VI.1993 (ISE); orchard, beating tray, 1 male 27.V.1998 (ISE) (all leg. Ist. Ent. SS).

##### *Argyrodus argyrodus* (Walckenaer, 1842)

CHOROTYPE. Mediterranean.

REFERENCES. (3) Pavesi, 1876 (sub *A. gibbosa*); (11) de Carlini, 1885 (sub *A. gibbosus*); (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (3, 13); Carbonia-Iglesias (3, 11, 13); Sassari (ined.).

HABITAT. Olive-grove (ined.).

EXAMINED MATERIAL. SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 male 7.IX.2009 leg. Ist. Ent. SS (ISE).

##### *Asagena phalerata* (Panzer, 1801)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902; (92) Knoflach, 1996 (sub *Steatoda phalerata*).

PROVINCE. (13); Nuoro/Ogliastra (13); Ogliastra (92).

##### *Crustulina scabripes* Simon, 1881

CHOROTYPE. Mediterranean.

REFERENCES. (133) Trotta, 2009.

PROVINCE. Olbia-Tempio (133).

##### *Cryptachaea riparia* (Blackwall, 1834)

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885 (sub *Theridion riparium*).

PROVINCE. Cagliari (10).

##### \**Dipoena coracina* (C.L. Koch, 1837)

CHOROTYPE. European.

HABITAT. Vineyard (ined.).

EXAMINED MATERIAL. SASSARI: Torralba, vineyard, 1 female 28.X.1995 leg. Ist. Ent. SS (ISE).

##### *Dipoena melanogaster* (C.L. Koch, 1837)

CHOROTYPE. European.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.).  
HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Tiana, m 522, hazelnut-orchard, beating tray, 1 male and 1 female 19.V.2005 leg. I.S.E. (ISE).

***Dipoena torva*** (Thorell, 1875)

CHOROTYPE. Holarctic.

REFERENCES. (94) Arnò et al., 1998.

PROVINCE. Sassari (94).

HABITAT. Avenue of lime trees (94).

***Enoplognatha afrodite*** Hippa et Oksala, 1983

CHOROTYPE. S-European.

REFERENCES. (96) Bosmans & Van Keer, 1999; (102) Pesarini, 2000; (127) Loru et al., 2008.

PROVINCE. (127); Carbonia-Iglesias (102); Nuoro (ined.); Olbia-Tempio (96).

HABITAT. Hazelnut-orchard (127, ined.); park area (96); *Quercus suber* forest (96).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 female 16.VI.2005 leg. I.S.E. (MBG).

***Enoplognatha gemina*** Bosmans et Van Keer, 1999

CHOROTYPE. Mediterranean.

REFERENCES. (96) Bosmans & Van Keer, 1999.

PROVINCE. Ogliastra (96); Olbia-Tempio (96); Oristano (96); Nuoro (ined.).

HABITAT. Stones (96); stones in grassland (96); under stones (96).

EXAMINED MATERIAL. NUORO: Gavoi, S'eremu e sa mela, m 1000, 1 male 30.XII.2006 leg. Mulas A. (MBG).

***Enoplognatha latimana*** Hippa et Oksala, 1982

CHOROTYPE. Palearctic.

REFERENCES. (108) Knoflach, 2004.

PROVINCES. Ogliastra (108).

***Enoplognatha mandibularis*** (Lucas, 1846)

CHOROTYPE. Sibero-European.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902; (88) Wunderlich, 1995c (sub *E. nigrocincta*); (96) Bosmans & Van Keer, 1999; (132) Pantini & Sassu, 2009; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCES. Cagliari (13); Carbonia-Iglesias (139); Nuoro (96); Ogliastra (88, 96); Olbia-Tempio (133); Oristano (10, 13); Sassari (132).

HABITAT. In a stream (88); under stones (96).

***Enoplognatha nigromarginata*** (Lucas, 1846)

CHOROTYPE. W-Mediterranean.

REFERENCES. (13) Garneri, 1902; (96) Bosmans & Van Keer, 1999.

PROVINCE. Cagliari (13); Ogliastra (96).

HABITAT. Stones along rivulet (96).

***Enoplognatha ovata*** (Clerck, 1757)

CHOROTYPE. Holarctic.

REFERENCES. (8) Costa, 1884 (sub *Theridion lineatum*); (13) Garneri, 1902 (sub *Theridion lineatum*); (84) Pesarini, 1994; (127) Loru et al., 2008.

PROVINCES. - (84, 127); Cagliari (13); Nuoro (8, 13, ined.); Ogliastra (13).

HABITAT. Hazelnut-orchard (127, ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 male and 3 juv. 16.VI.2005, 6 males, 4 females and 3 juv. 29.VI.2005 (MBG), 2 males and 1 female 13.VII.2005 (ISE), 2 males, 1 female and 1 juv. 13.VII.2005, 2 males and 8 juv. 16.VI.2005, 2 males, 3 females and 2 juv. 29.VI.2005 (MBG), 1 male and 2 females 29.VI.2005 (ISE), 1 female 7.IX.2005, 1 female 21.IX.2005 (MBG) (all leg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 female 17-24.VIII.2007 leg. I.S.E. (ISE).

***Enoplognatha testacea*** Simon, 1884

CHOROTYPE. Holarctic.

REFERENCES. (66) Brignoli, 1980 (sub *Robertus arganoi* n.sp.); (84) Pesarini, 1994 (sub *Robertus arganoi*); (96) Bosmans & Van Keer, 1999.

PROVINCE. (84); Ogliastra (66); Olbia-Tempio (96); Oristano (96).

HABITAT. Hypogean habitat (66); stones along cliff (96).

***Enoplognatha thoracica*** (Hahn, 1833)

CHOROTYPE. Holarctic.

REFERENCES. (96) Bosmans & Van Keer, 1999.

PROVINCE. Nuoro (96, ined.); Ogliastra (96); Olbia-Tempio (96).

HABITAT. Along a river (96); cherry-orchard (ined.); in *Quercus suber* forest (96); walnut-orchard (ined.); under stones (96).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 male 21-28.VI.2007 (ISE); Canale e' Figù, m 576, walnut-orchard, 1 female 24-30.VIII.2007 (ISE) (all pitfall traps and leg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 female 17-24.VII.2007 leg. I.S.E. (ISE).

***Enoplognatha verae*** Bosmans et Van Keer, 1999

CHOROTYPE. Mediterranean.

REFERENCES. (96) Bosmans & Van Keer, 1999; (133) Trotta, 2009.

PROVINCE. Carbonia-Iglesias (133); Medio Campidano (96); Oristano (96).

HABITAT. Under stone near coast (96).

***Episinus algiricus*** Lucas, 1846

CHOROTYPE. W-Mediterranean.

REFERENCES. (101) Knoflach & Thaler, 2000; (130) Knoflach et al., 2009.

PROVINCE. Carbonia-Iglesias (101); Ogliastra (130); Sassari (ined.).

HABITAT. From *Quercus* (130); inside house (ined.); in oak forest with rocky, bare ground (130); pasture plateau, beating from *Cistus* (130).

EXAMINED MATERIAL. SASSARI: Sassari, Li Punti, inside house, 1 male 31.V.2010 (MBG).

***Episinus maculipes*** Cavanna, 1876

CHOROTYPE. S-European.

REFERENCES. (108) Knoflach, 2004; (130) Knoflach et al., 2009; (132) Pantini & Sassu, 2009.

PROVINCES. Ogliastra (108, 130); Sassari (132).

HABITAT. From scrub and oak (130).

***Episinus theridioides*** Simon, 1873

CHOROTYPE. W-Mediterranean.

REFERENCES. (15) Simon, 1914 (sub *Plocamis theridioides*).

PROVINCE. Sassari (15).

***Episinus truncatus*** Latreille, 1809

CHOROTYPE. European.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Nuoro (8, 13); Ogliastra (13); Oristano (8, 13).

***Euryopis episinoides*** (Walckenaer, 1847)

CHOROTYPE. Mediterranean.

REFERENCES. (2c) Canestrini, 1876 (sub *Theridium acuminatum*); (10) Costa, 1885 (sub *E. acuminata*); (13) Garneri, 1902 (sub *E. acuminata*); (84) Pesarini, 1994 (sub *E. acuminata*); (94) Arnò et al., 1998 (sub *E. tarsalis*); (132) Pantini & Sassu, 2009; (133) Trotta, 2009.

PROVINCE. (2c, 84); Cagliari (ined.); Nuoro (10, ined.); Olbia-Tempio (133); Oristano (13); Sassari (10, 94, 132, ined.).

HABITAT. citrus-grove (ined.); avenue of lime trees (94); cherry-orchard (ined.); orchard (ined.); walnut-orchard (ined.); olive-grove (ined.); pinewood (ined.); vineyard (ined.).

EXAMINED MATERIAL. CAGLIARI: Pula, Pixina Manna, m 140, pinewood, emergence cages, 1 female, 21.IV.2009, leg. Ist. Ent. SS (ISE). Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 female 23.XI.2000 leg. CRAS (ISE).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, bark traps, 1 female 24-30.VIII.2007 (ISE); Canale e' Figù, m 576, walnut-orchard, bark traps, 1 female 27.IX-4.X.2007 (ISE); Mannaritzò, m 706, cherry-orchard, pitfall traps, 1 female 16-23.V.2007, 1 female 17-24.VII.2007 (ISE); bark traps, 2 females 24-30.VIII.2007 (ISE) (all leg. I.S.E.).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 female 21.VIII.2009, 3 males and 3 females 6.VIII.2009, 1 male

30.IX.2009, 1 female, 13.X.2009 leg. Ist. Ent. SS (ISE). Sassari, Gioscari, olive-grove, chemical knockdown, 9 males and 2 females 6.VIII.2008, 1 female 20.VIII.2008, 1 male 4.IX.2008 (ISE); Lu Buttangaru, olive-grove, 1 male 30.IX.2008, 3 males 13.X.2008, 1 male 29.IX.2009 leg. Ist. Ent. SS (ISE); Li Punti, Balinconca, m 110, 1 male 14.VII.2008 leg. Pantaleoni R.A. (ISE). Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 female 26.VI-2.VII.1997; orchard, bark traps, 1 male 24-31.VII.1997 leg. Ist. Ent. SS (ISE). Torralba, vineyard, 1 female 23.IV.1994, 1 male 21.V.1994, 1 male 25.VI.1994, 1 male 15.VII.1995, 1 female 19.VIII.1995, 1 female 12.VIII.1995 leg. Ist. Ent. SS (ISE).

***Kochiura aulica*** (C.L. Koch, 1838)

CHOROTYPE. Turano-Mediterranean.

REFERENCES. (10) Costa, 1885 (sub *Theridion aulicum*); (11) de Carlini, 1885 (sub *Theridion aulicum*); (13) Garneri, 1902 (sub *Theridion aulicum*); (84) Pesarini, 1994 (sub *Anelosimus aulicus*); (94) Arnò et al., 1998 (sub *Anelosimus aulicus*); (114) Grill et al., 2005 (sub *Anelosimus aulicus*); (133) Trotta, 2009; (134) Marras et al., 2011.

PROVINCES. (84, 114, 134); Cagliari (13, ined.); Carbonia-Iglesias (11, 13); Nuoro/Ogliastra (13); Ogliastra (13); Olbia-Tempio (10, 133); Oristano (13); Sassari (94, ined.).

HABITAT. Citrus-grove (ined.); avenue of lime trees (94); orchard (134); olive-grove (ined.); shrublands and trees, agricultural land (114); vineyard (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 male 19.VI.2000 leg. CRAS (ISE).

OLBIA-TEMPPIO: Olbia, Isola Tavolara - penisola, 23.IV.1966 leg. Gruppo Isole C.N.R. (MBG).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 female 7.IX.2009, 1 male 27.X.2009, 1 male and 1 female 7.X.2009, 2 males 6.X.2009 (ISE). Sassari, Gioscari, olive-grove, 1 female 21.VIII.2009, Lu Buttangaru, olive-grove, chemical knockdown, 1 male 20.X.2008 leg. Ist. Ent. SS. Sorso, Pianu Mannu, Nali farm, olive-grove, 1 female 21.IX.1992, leg. Ist. Ent. SS (ISE). Torralba, vineyard, 1 male 16.VII.1994 leg. Ist. Ent. SS (ISE).

***Latrodectus tredecimguttatus*** (Rossi, 1790)

CHOROTYPE. Centralasiatic-Mediterranean.

REFERENCES. (1) Canestrini & Pavesi, 1868 (sub *Latrodectes malmignathus*); (2a) Canestrini & Pavesi, 1870 (sub *Latrodectes malmignathus*); (6) Magretti, 1880 (sub *L. 13 guttatus*); (8) Costa, 1884 (*L. tredecimguttatus*, Ross var. *lugubris*, L.); (13) Garneri, 1902; (84) Pesarini, 1994; (133) Trotta, 2009.

PROVINCE. (1, 2a, 84); Cagliari (8, 13); Carbonia-Iglesias (13); Medio Campidano (6); Olbia-Tempio (8, 13); Sassari (8, 13, 133, ined.).

HABITAT. Under stones (8).

EXAMINED MATERIAL. SASSARI: Ozieri, Chilivani, 1 female 18.XI.1981 leg. Meloni (MBG).

***Neottiura bimaculata*** (Linnaeus, 1767)

CHOROTYPE. Holarctic.

REFERENCES. (10) Costa, 1885 (sub *Theridion bimaculatum* Var. *pellucidum*); (84) Pesarini, 1994.

PROVINCE. (84); Olbia-Tempio (10).

***Neottiura herbigrada*** (Simon, 1873)

CHOROTYPE. Mediterranean.

REFERENCES. (116) Helsdingen, 2005.

PROVINCE. Ogliastra (116).

HABITAT. Wasteland plot (116).

***Neottiura uncinata*** (Lucas, 1846)

CHOROTYPE. Mediterranean.

REFERENCES. (12) Costa, 1886 (sub *Theridion uncinatum*); (99) Knoflach, 1999.

PROVINCE. Cagliari (12); Medio Campidano (12); Oristano (99); Sassari (ined.).

HABITAT. Wetland (12); in grassland near lagoon (99); pinewood (ined.); vineyard (ined.).

EXAMINED MATERIAL. SASSARI: Alghero, Pinewood Maria Pia, pinewood, 1 male 4.V.2008 leg. Cesaroni C. (ISE). Sassari, Li Punti, Balinconca, m 110, 1 male 23.V.2008 (MBG). Torralba, vineyard, 1 female 18.VI.1994 leg. Ist. Ent. SS (ISE).

***Paidiscura pallens*** (Blackwall, 1834)

CHOROTYPE. Sibero-European.



REFERENCES. (127) Loru et al., 2008.  
 PROVINCE. (127); Nuoro (ined.); Sassari (ined.).  
 HABITAT. Hazelnut-orchard (127, ined.); olive-grove (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, beating tray, 8 females 19.V.2005, 4 males and 14 females 4.V.2005, 1 female 29.VI.2005 (MBG), 5 females 1.VI.2005 (ISE), 2 females 1.VI.2005, 2 females 16.VI.2005, 3 males and 9 females 4.V.2005, 1 female 16.VI.2005, 2 females 1.VI.2005, 1 female 27.VII.2005 (MBG) (all leg. I.S.E.). Tiana, m 522, hazelnut-orchard, beating tray, 1 female 4.V.2005 (MBG), 1 male and 1 female 19.V.2005 (ISE), 1 male and 1 female 19.V.2005, 1 male 16.VI.2005 (MBG) (all leg. I.S.E.).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, 1 male and 2 females 6.V.1993, 1 male and 1 female 18.III.1994, 2 males and 1 juv. 4.III.1994; olive-grove, beating tray, 2 males 17.III.1993, 12 males, 3 females and 3 juv. 29.III.1993, 14 males, 14 females and 6 juv. 6.IV.1993, 1 female 9.VII.1993 (ISE) (all leg. Ist. Ent. SS).

***Parasteatoda lunata*** (Clerck, 1757)

CHOROTYPE. Palearctic.  
 REFERENCES. (107) Knoflach & Pfaller, 2004 (sub *Achaearanea lunata*); (127) Loru et al., 2008 (sub *Achaearanea lunata*).  
 PROVINCES. (127); Nuoro (107, ined.).  
 HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, beating tray, 2 females, 16.VI.2005 leg. I.S.E. (ISE).

***Parasteatoda tepidariorum*** (C.L. Koch, 1841)

CHOROTYPE. Cosmopolitan.  
 REFERENCES. (19) Roewer, 1953 (sub *Theridion tepidariorum*); (30) Cerruti, 1968 (sub *Theridion tepidariorum*).  
 PROVINCES. Sassari (19, 30).  
 HABITAT. Hypogean habitat (19, 30).

***Pholcomma gibbum*** (Westring, 1851)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902; (51) Brignoli, 1974.

PROVINCE. Cagliari (13); Carbonia-Iglesias (51).  
 HABITAT. Hypogean habitat (51).

***Phylloneta impressa*** (L. Koch, 1881)

CHOROTYPE. Holarctic.

REFERENCES. (108) Knoflach, 2004 (sub *Theridion impressum*); (127) Loru et al., 2008 (sub *Theridion impressum*); (139) Trotta, 2011.

PROVINCE. (127); Carbonia-Iglesias (139); Nuoro (ined.); Ogliastra (108); Olbia-Tempio (ined.).

HABITAT. Hazelnut-orchard (127, ined.); forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 female 29.VI.2005 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Buddusò, near Nuraghe Lolle, forest of *Quercus suber*, beating tray, 1 male 28.VI.1999 leg. Ist. Ent. SS (ISE).

***Phylloneta sisypbia*** (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884 (sub *Theridion sisyphium*); (13) Garneri, 1902 (sub *Theridion sisyphium*).

PROVINCES. Cagliari (13); Nuoro (8, 13); Oristano (13).

***Platnickia tincta*** (Walckenaer, 1802)

CHOROTYPE. Holarctic.

REFERENCES. (10) Costa, 1885 (sub *Theridion tinctum*); (13) Garneri, 1902 (sub *Theridion tinctum*); (127) Loru et al., 2008 (sub *Keijia tincta*); (132) Pantini & Sassu, 2009 (sub *Keijia tincta*); (139) Trotta, 2011.

PROVINCE. (127); Cagliari (13); Carbonia-Iglesias (139); Nuoro (ined.); Olbia-Tempio (ined.); Oristano (10); Sassari (132, ined.).

HABITAT. Hazelnut-orchard (127, ined.); olive-grove (ined.); forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 male 16.VI.2005, 1 female 29.VI.2005 leg. I.S.E.



(MBG). Tiana, m 522, hazelnut-orchard, beating tray, 1 male and 2 females, 16.VI.2005 (MBG), 1 male 1.VI.2005, 1 female 10.VIII.2005 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Buddusò, near Nuraghe Loelle, forest of *Quercus suber*, beating tray, 1 female 24.V.1999, 1 male 28.VI.1999, leg. Ist. Ent. SS (ISE).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 male 6.VIII.2009 leg. Ist. Ent. SS (ISE). Sassari, Platamona, at sea level, 1 male and 1 female, 22.V.2008 leg. Sassu A. (ISE). Sorso, Pianu Mannu, Nali farm, olive-grove, 1 male and 1 female 6.V.1993, 1 male 9.VII.1993 (ISE); olive-grove, beating tray, 1 male, 1 female and 2 juv. 15.III.1993, 2 females and 1 juv. 29.IV.1993, 2 males, 3 females and 11 juv. 25.VI.1993, 5 males and 4 females 18.VI.1993, 2 females and 2 juv. 22.VII.1993, 3 females and 18 juv. 1.VII.1993, 2 males, 5 females and 3 juv. 9.VII.1993, 2 males 30.VII.1993, 1 male 12.VIII.1993, 1 female 26.VIII.1993 (ISE) (all leg. Ist. Ent. SS).

**\**Rhomphaea nasica*** (Simon, 1873)

CHOROTYPE. Mediterranean.

HABITAT. Citrus-grove (ined.); olive-grove (ined.)

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 male 31.VII.2000, 1 juv. 21.IX.2000 leg. CRAS (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 male 15.VII.1993 leg. Ist. Ent. SS (ISE).

***Robertus arundineti*** (O.P.-Cambridge, 1871)

CHOROTYPE. Palearctic.

REFERENCES. (66) Brignoli, 1980; (84) Pesarini, 1994.

PROVINCE. (84); Ogliastra (66).

HABITAT. Hypogean habitat (66).

***Ruborridion musivum*** (Simon, 1873)

CHOROTYPE. Mediterranean.

REFERENCES. (10) Costa, 1885 (sub *Theridion musivum*); (107) Knoflach & Pfaller, 2004 (sub *Theridion musivum*); (127) Loru et al., 2008 (sub *Theridion musivum*); (130) Knoflach et al., 2009 (sub *Theridion musivum*).

PROVINCE. (127); Cagliari (130); Carbonia-Ig-

sias (130); Nuoro (ined.); Ogliastra (107, 130); Oristano (130); Sassari (10).

HABITAT. Hazelnut-orchard (127, ined.); pasture plateau, beating from *Cistus* sp. (130).

EXAMINED MATERIAL. NUORO: Belvì, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 male 16.VI.2005 leg. I.S.E. (ISE).

***Sardinion blackwalli*** (O.P.-Cambridge, 1871)

CHOROTYPE. European.

REFERENCES. (86) Wunderlich, 1995a (sub *S. perplexum*); (87) Wunderlich, 1995b (sub *Sardinion perplexum*).

PROVINCE. (87); Ogliastra (86); Sassari (ined.).

HABITAT. On a tree (86); orchard (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, beating tray, 1 female 31.VII.1997, 1 male 2.VII.1997 leg. Ist. Ent. SS (ISE).

***Simitidion simile*** (C.L. Koch, 1836)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902 (sub *Therodion simile*); (114) Grill et al., 2005; (116) Helsdingen, 2005; (127) Loru et al., 2008.

PROVINCE. (114, 127); Cagliari (ined.); Nuoro (116, ined.); Ogliastra (13); Olbia-Tempio (ined.); Sassari (ined.).

HABITAT. Citrus-grove (ined.); low shrubs, shrublands and trees, agricultural land (114); hazelnut-orchard (127, ined.); pinewood (ined.); forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 female 19.VI.2000 leg. CRAS (ISE).

NUORO: Belvì, Su Ajone, m 585, hazelnut-orchard, 1 male 19.V.2005, 1 female 1.VI.2005 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male 1.VI.2005 (MBG) (all beating tray and leg. I.S.E.).

OLBIA-TEMPIO: Buddusò, near Nuraghe Loelle, forest of *Quercus suber*, beating tray, 1 female 31.V.1999 leg. Ist. Ent. SS (ISE). Tempio, Curadorreddu, m 580, pinewood, emergence cages, 1 female 15.V.2009 leg. Ist. Ent. SS (ISE).

SASSARI: Bonnannaro, Cannisones, 1 male 28.V.2002 leg. Nuvoli T. (ISE).

***Steatoda albomaculata*** (De Geer, 1778)

CHOROTYPE. Cosmopolitan.

REFERENCES. (8) Costa, 1884 (sub *Lithyphantes corollatus*); (13) Garneri, 1902 (sub *Lithyphantes corollatus*); (84) Pesarini, 1994.

PROVINCE. (13, 84); Cagliari (13); Nuoro/Ogliastra (8, 13).

HABITAT. Under stones (8).

***Steatoda grossa*** (C.L. Koch, 1838)

CHOROTYPE. Cosmopolitan.

REFERENCES. (13) Garneri, 1902 (sub *Teutana grossa*); (34) Dresco & Hubert, 1969 (sub *Teutana grossa*); (42) Puddu, 1971 (sub *Teutana grossa*); (51) Brignoli, 1974; (64) Brignoli, 1979d; (83) Pons, 1993; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. Cagliari (13, 42); Carbonia-Iglesias (64, 133, 139); Nuoro (34, 83); Olbia-Tempio (133); Oristano (133); Sassari (51, 83, ined.).

HABITAT. Hypogean habitat (34, 42, 51, 64, 83); inside house (ined.).

EXAMINED MATERIAL. SASSARI: Alghero, inside house, 1 female 18.I.2000, 1 male 25.III.2000 leg. Pantaleoni R.A. (ISE). Sassari, inside house, 1 female 23.I.2007 (ISE).

***Steatoda nobilis*** (Thorell, 1875)

CHOROTYPE. W-Mediterranean (?).

REFERENCES. (140) Kulczycki et al., 2012.

PROVINCE. Cagliari (140); Olbia-Tempio (140); Sassari (140, ined.).

HABITAT. Inside house (ined.).

EXAMINED MATERIAL. SASSARI: Alghero, inside house, 1 male 6.I.2009 leg. Pantaleoni R.A. (ISE). Sassari, Giordano, m 40, 1 female 21.IV.2004, 1 female 15.II.2009 leg. Molinu A. (ISE).

***Steatoda paykulliana*** (Walckenaer, 1805)

CHOROTYPE. Centralasiatic-European.

REFERENCES. (5) Pavesi, 1878 (sub *Lithyphantes paykullianus*); (6) Magretti, 1880 (sub *Lithyphantes paykullianus*); (7a) Costa, 1882 (sub *Phrurolithus hamatus*); (8) Costa, 1884 (sub *Phrurolithus hamatus*); (13) Garneri, 1902 (sub *Lithyphantes paykul-*

*lianus*); (84) Pesarini, 1994; (132) Pantini & Sassu, 2009; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (13, 84); Cagliari (6, 13); Carbonia-Iglesias (6, 13, 139); Medio Campidano (6); Ogliastra (13); Olbia-Tempio (5, 7a, 8, 13); Oristano (6, 13); Oristano/Nuoro (6); Sassari (6, 13, 132, 133).

***Steatoda triangulosa*** (Walckenaer, 1802)

CHOROTYPE. Cosmopolitan.

REFERENCES. (10) Costa, 1885 (sub *Teutana triangulosa*); (13) Garneri, 1902 (sub *Teutana triangulosa*); (37) Argiolas et al., 1970 (sub *Teutana triangulosa*).

PROVINCE. Cagliari (13, 37); Nuoro/Ogliastra (13); Oristano (10, 13); Sassari (ined.).

HABITAT. Hypogean habitat (37); in house (ined.).

EXAMINED MATERIAL. SASSARI: Sassari, in house, Dept. of Plant Protection, 1 female 4.IV.2004 leg. Sassu A. (ISE).

***Theridion familiare*** O.P.-Cambridge, 1871

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

***Theridion genistae*** Simon, 1873

CHOROTYPE. W-Mediterranean.

REFERENCES. (127) Loru et al., 2008; (130) Knoflach et al., 2009.

PROVINCE. (127); Nuoro (ined.); Ogliastra (130).

HABITAT. In oak forest (130); hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 male 1.VI.2005 leg. I.S.E. (ISE).

**\**Theridion hannoniae*** Denis, 1944

CHOROTYPE. European.

HABITAT. garrigue (ined.); mining landfills covered by pioneer plants (ined.); olive-grove (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, 1 female 19.V-

4.VI.2009; m 200, garrigue, 1 male 4-16.VI.2009, 1 male 25.VIII-8.IX.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 male 18.V-3.VI.2009, 1 male 15-30.VI.2009; m 235, garrigue, 1 male 25.VIII-8.IX.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

SASSARI: Sassari, Gioscari, olive-grove, chemical knockdown, 1 male 4.IX.2009 leg. Ist. Ent. SS (ISE).

***Theridion malagaense*** Wunderlich, 2011

CHOROTYPE. W-Mediterranean.

REFERENCES. (136) Wunderlich, 2011.

PROVINCE. Sassari (136).

***Theridion melanurum*** Hahn, 1831

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902 (sub *T. denticulatum*).

PROVINCE. (13); Sassari (ined.).

HABITAT. Olive-grove (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 female 18.VI.1993 leg. Ist. Ent. SS (ISE).

***Theridion mystaceum*** L. Koch, 1870

CHOROTYPE. Asiatic-European.

REFERENCES. (94) Arnò et al., 1998; (116) Helldingen, 2005; (127) Loru et al., 2008.

PROVINCE. (127); Cagliari (ined.); Nuoro (ined.); Ogliastra (116); Olbia-Tempio (ined.); Sassari (94).

HABITAT. Citrus-grove (ined.); avenue of lime trees (94); inside house (116); hazelnut-orchard (127, ined.); pinewood (ined.); forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. CAGLIARI: Pula, Pixina Manna, m 140, pinewood, emergence cages, 2 males, 16.IV.2009, 1 male 29.IV.2009, 1 female 25.V.2009 leg. Ist. Ent. SS (ISE). Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 female 19.VI.2000, 1 female 10.VII.2000 leg. CRAS (ISE).

NUORO: Belvì, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 female 19.V.2005 (MBG), 1 female 4.V.2005 (ISE) (all leg. I.S.E.).

OLBIA-TEMPIO: Buddusò, near Nuraghe Lo-

elle, forest of *Quercus suber*, beating tray, 1 male, 24.V.1999, leg. Ist. Ent. SS (ISE).

***Theridion nasutum*** Wunderlich, 1995

CHOROTYPE. Sardinian endemic.

REFERENCES. (87) Wunderlich, 1995b.

PROVINCE. Nuoro/Ogliastra (87); Ogliastra (87).

HABITAT. Shrubs (87); under stones (87); under the bark (87).

***Theridion pinastri*** L. Koch, 1872

CHOROTYPE. Palearctic.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.); Olbia-Tempio (ined.); Sassari (ined.).

HABITAT. Hazelnut-orchard (127, ined.); olive-grove (ined.); forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. NUORO: Belvì, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 male 29.VI.2005 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Buddusò, near Nuraghe Lolle, forest of *Quercus suber*, beating tray, 1 female 31.V.1999, 1 male and 1 female 21.VI.1999 leg. Ist. Ent. SS (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, 1 female 9.VI.1993 (ISE), olive-grove, beating tray, 1 male and 1 female 9.VI.1993, 2 males and 1 female, 18.VI.1993 leg. Ist. Ent. SS (ISE) (all leg. Ist. Ent. SS).

***Theridion varians*** Hahn, 1833

CHOROTYPE. Holarctic.

REFERENCES. (12) Costa, 1886 (sub *T. rusticum*); (13) Garneri, 1902; (127) Loru et al., 2008.

PROVINCE. (127); Cagliari (13, ined.); Medio Campidano (12); Nuoro (ined.); Ogliastra (13); Sassari (ined.).

HABITAT. Citrus-grove (ined.); wetland (12); orchard (ined.); hazelnut-orchard (127, ined.); olive-grove (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 13 females 19.VI.2000, 11 females 29.VI.2000, 2 females 31.VII.2000, 9 females 10.VII.2000, 1 female 20.VII.2000, 1 female 11.IX.2000 leg. CRAS (ISE).

NUORO: Belvì, Su Ajone, m 585, hazelnut-or-

chard, beating tray, 2 males 16.VI.2005, 2 males 13.VII.2005 (MBG), hazelnut-orchard, bark traps, 1 female 5-10.VIII.2005 (ISE); Su Enazzu, m 550, hazelnut-orchard, beating tray, 4 females 16.VI.2005, 1 female 29.VI.2005, 1 female 27.VII.2005 (MBG) (all leg. I.S.E.). Tiana, m 522, hazelnut-orchard, beating tray, 1 male and 1 female 16.VI.2005 (ISE), 1 female 13.VII.2005 (MBG) (all leg. I.S.E.).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, 4 males 3.VI.1993, orchard, 1 male and 2 females 27.V.1998 (ISE) (all beating tray and leg. Ist. Ent. SS).

#### Family MYSMENIDAE

##### *Mysmenella jobi* (Kraus, 1967)

CHOROTYPE. Palearctic.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 male 19.V.2005 leg. I.S.E. (ISE).

#### Family LINYPHIIDAE

##### *Acartauchenius sardiniensis* Wunderlich, 1995

CHOROTYPE. Sardinian endemic.

REFERENCES. (87) Wunderlich, 1995b.

PROVINCE. Ogliastra (87).

HABITAT. Under stones (87).

##### *Araeoncus longiusculus* (O.P.-Cambridge, 1875)

CHOROTYPE. Sardo-Corsican endemic.

REFERENCES. (87) Wunderlich, 1995b; (132) Pantini & Sassu, 2009.

PROVINCE. Nuoro (ined.); Ogliastra (87); Sassari (132).

HABITAT. Cherry-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 male 16-23.V.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 male 18-26.IV.2007 (ISE) (all pitfall traps and leg. I.S.E.).

##### *Bolyphantes nigropictus* Simon, 1884

CHOROTYPE. W-Mediterranean.

REFERENCES. (9) Simon, 1884; (13) Garneri, 1902; (17) Simon, 1929.

PROVINCE. (17); Sassari (9, 13).

##### *Centromerus bonaeviae* Brignoli, 1979

CHOROTYPE. Sardinian endemic.

REFERENCES. (64) Brignoli, 1979d; (84) Pesarini, 1994.

PROVINCE. (84); Carbonia-Iglesias (64).

HABITAT. Hypogean habitat (64).

##### *Centromerus puddui* Brignoli, 1979

CHOROTYPE. Sardinian endemic.

REFERENCES. (64) Brignoli, 1979d; (84) Pesarini, 1994.

PROVINCE. (64, 84).

HABITAT. Hypogean habitat (64).

##### \**Centromerus subalpinus* Lessert, 1907

CHOROTYPE. S-European.

HABITAT. Hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 male 30.V-4.VII.2007 leg. I.S.E. (MBG).

##### \**Centromerus succinus* (Simon, 1884)

CHOROTYPE. W-Mediterranean.

HABITAT. Hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 female, 8-24.VIII.2006, leg. I.S.E. (MBG).

REMARKS. This data represents the first record for Italian fauna.

##### *Cresmatoneta eleonorae* (Costa, 1883)

CHOROTYPE. Sardinian endemic.

REFERENCES. (7b) Costa, 1883 (sub *Formicina eleonorae*); (8) Costa, 1884 (sub *Formicina Eleonorae*); (13) Garneri, 1902 (sub *Formicina eleonorae*); (84) Pesarini, 1994.



PROVINCES. (84); Sassari (7b, 8, 13).

REMARKS. Species described from a female in 1883 and never found since. The validity of the species requires further confirmation.

***Cresmatoneta mutinensis*** (Canestrini, 1868)

CHOROTYPE. Asiatic-European.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.); Sassari (ined.).

HABITAT. Hazelnut-orchard (127, ined.); olive-grove (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 male, 4.X.2005 leg. I.S.E. (ISE).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 male and 4 females, 6.VIII.2009, 1 female 7.X.2009 leg. Ist. Ent. SS (ISE).

***Diplocephalus graecus*** (O.P.-Cambridge, 1872)

CHOROTYPE. Mediterranean.

REFERENCES. (127) Loru et al., 2008; (132) Pantini & Sassu, 2009.

PROVINCE. (127); Cagliari (ined.); Medio Campidano (ined.); Nuoro (ined.); Sassari (132, ined.).

HABITAT. Citrus-grove (ined.); cherry-orchard (ined.); garrigue (ined.); hazelnut-orchard (127, ined.); olive-grove (ined.); under *Juniperus* sp. (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 male, 2.XI.2000, 1 female, 13.XI.2000, 1 male 4.XII.2000, leg. CRAS (ISE).

MEDIO CAMPIDANO: Arbus, Ingurtosu, Nara-cauli, m 170, mining landfills covered by pioneer plants, 1 male 21.IV-5.V.2009, 1 female 6-20.X.2009; m 200, garrigue, 1 male 19.V-4.VI.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 male 6-20.X.2009 (ISE); m 235, garrigue, 1 female 6-20.X.2009 (MBG) (all pitfall traps and leg. Sassu A., Verdinelli M.).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, pitfall traps, 1 male 11-18.IV.2007 (ISE); Mannaritzò, m 706, cherry-orchard, pitfall traps, 1 male and 1 female, 16-23.V.2007 (ISE); Su Ajone, m 585, hazelnut-orchard, beating tray, 1 male

1.VI.2005 (MBG); Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 male 26.IV-30.V.2007 (MBG), 1 male and 1 female, 30.V-4.VII.2007 (ISE) (all leg. I.S.E.). Fonni, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 male 19.VI-1.VII.2007, leg. Fiori F. (ISE).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 male 30.IX.2009, 2 females 20.X.2009, 1 female 13.X.2009, 1 female 27.X.2009 leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 2 males and 2 females 13.V.1993 leg. Ist. Ent. SS (ISE).

**\**Diplostyla concolor*** (Wider, 1834)

CHOROTYPE. Holarctic.

HABITAT. Hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 female 13-27.VII.2006 (MBG), 1 female 24.VIII-5.IX.2006 (ISE) 1 female 24.VIII-5.IX.2006 (MBG), 1 male 19.III-26.IV.2007 leg. I.S.E. (ISE).

***Entelecara acuminata*** (Wider, 1834)

CHOROTYPE. Holarctic.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 female, 19.V.2005, 1 female 1.VI.2005 (MBG), 1 female 29.VI.2005 (ISE), 1 female 27.VII.2005 (MBG) (all leg. I.S.E.).

***Erigone dentipalpis*** (Wider, 1834)

CHOROTYPE. Holarctic.

REFERENCES. (132) Pantini & Sassu, 2009.

PROVINCE. Medio-Campidano (ined.); Nuoro (ined.); Sassari (132).

HABITAT. Cherry-orchard (ined.); hazelnut-orchard (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, pitfall traps, 1 male 21.IV-5.V.2009, 1 female 18.V-3.VI.2009 leg. Sassu A., Verdinelli M. (ISE).



NUORO: Belvi, Mannaritzò, m 706, cherry-orchard, 1 female 11-18.IV.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male 13-27.VII.2006 (MBG), 3 males 30.V-4.VII.2007, 3 males 30.V-4.VII.2007 (MBG) (all pitfall traps and leg. I.S.E.).

***Frontinellina frutetorum*** (C.L. Koch, 1834)

CHOROTYPE. Sibero-European.

REFERENCES. (10) Costa, 1885 (sub *Linyphia frutetorum*); (13) Garneri, 1902 (sub *Linyphia frutetorum*); (116) Helsdingen, 2005; (139) Trotta, 2011.

PROVINCE. (10); Cagliari (13); Carbonia-Iglesias (139); Nuoro (116); Ogliastra (13).

HABITAT. Shurbs and lower branches of trees (116).

***Gnathonarium dentatum*** (Wider, 1834)

CHOROTYPE. Palearctic.

REFERENCE. (135) Tanasevitch, 2011.

PROVINCE. Oristano (135).

***Gonatium biimpresum*** Simon, 1884

CHOROTYPE. Tyrrhenian endemic.

REFERENCES. (13) Garneri, 1902; (16) Simon, 1926; (84) Pesarini, 1994.

PROVINCE. (84); Sassari (13, 16).

***Gonatium nemorivagum*** (O. P.-Cambridge, 1875)

CHOROTYPE. Mediterranean.

REFERENCES. (10) Costa, 1885 (sub *G. nemorivaga*).

PROVINCE. Nuoro (10).

**\**Hybocoptus corrugis*** (O.P.-Cambridge, 1875)

CHOROTYPE. S-European.

HABITAT. Forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. OLBIA-TEMPIO: Buddusò, near Nuraghe Loelle, forest of *Quercus suber*, beating tray, 1 male 20.XI.1999 leg. Ist. Ent. SS (ISE).

REMARKS. This data represents the first record for Italian fauna.

***Incestophantes crucifer*** (Menge, 1866)

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902 (sub *Leptyphantes crucifer*).

PROVINCE. (13); Cagliari (13).

***Lepthyphantes eleonora*** Wunderlich, 1995

CHOROTYPE. Sardinian endemic.

REFERENCES. (87) Wunderlich, 1995b.

PROVINCE. (87); Ogliastra (87).

HABITAT. Under stones along a stream (87).

***Lepthyphantes minutus*** (Blackwall, 1833)

CHOROTYPE. Holarctic.

REFERENCES. (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (139).

***Lepthyphantes paoloi*** Wunderlich, 1995

CHOROTYPE. Sardinian endemic.

REFERENCES. (87) Wunderlich, 1995b.

PROVINCE. Nuoro/Ogliastra (87); Ogliastra (87); Olbia-Tempio (87).

HABITAT. Under stones along a stream (87).

***Lepthyphantes sardous*** Gozo, 1908

CHOROTYPE. Sardinian endemic.

REFERENCES. (14) Gozo, 1908 (sub *L. sardoa* Gozo, 1908); (30) Cerruti, 1968 (sub *L. sardoa*); (84) Pesarini, 1994; (119) Lana et al., 2006.

PROVINCE. (84); Ogliastra (14, 30, 119).

HABITAT. Hypogean habitat (14, 30, 119).

***Lessertia dentichelis*** (Simon, 1884)

CHOROTYPE. Cosmopolitan.

REFERENCES. (41) Brignoli, 1971c; (52) Puddu & Pirodda, 1974; (84) Pesarini, 1994.

PROVINCE. (84); Sassari (41, 52).

HABITAT. Hypogean habitat (41, 52).

***Linyphia hortensis*** Sundevall, 1830

CHOROTYPE. Palearctic.

REFERENCES. (7a) Costa, 1882 (sub *L. pratensis*); (8) Costa, 1884 (sub *L. pratensis*).

PROVINCE. Sassari (7a, 8).

***Linyphia triangularis*** (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902 (sub *L. montana*); (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (139); Medio Campidano (139); Nuoro (10, 139); Nuoro/Ogliastra (13); Ogliastra (13, 139); Sassari (ined.).

HABITAT. Olive-grove (ined.).

EXAMINED MATERIAL. SASSARI: Alghero, Mamtanas, olive-grove, chemical knockdown, 1 male 27.X.2009 leg. Ist. Ent. SS (ISE). Sassari, Gioscari, olive-grove, 1 male 13.X.2009 leg. Ist. Ent. SS (ISE).

***Maso gallicus*** Simon, 1894

CHOROTYPE. European.

REFERENCES. (116) Helsdingen, 2005.

PROVINCE. Nuoro (116).

HABITAT. Grassland along the mouth of the river (116).

***Mecopisthes millidgei*** Wunderlich, 1995

CHOROTYPE. Sardinian endemic.

REFERENCES. (87) Wunderlich, 1995b; (94) Arnò et al., 1998 (sub *M. silus*)

PROVINCE. Ogliastra (87); Sassari (94).

HABITAT. Under stones (87); avenue of lime trees (94).

REMARKS. After re-examination of the material on *M. silus* from Arnò et al. (1998) it was attributed to *M. millidgei*.

**\**Meioneta mollis*** (O.P.-Cambridge, 1871)

CHOROTYPE. Asiatic-European.

HABITAT. Hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 female 27.VII-8.VIII.2006 (ISE), 1 male, 8.I-21.II.2007, 4 males 30.V-4.VII.2007 (MBG), 3 males 30.V-4.VII.2007 (ISE) (all leg. I.S.E.).

***Meioneta pseudorurestris*** Wunderlich, 1980

CHOROTYPE. S-European.

REFERENCES. (87) Wunderlich, 1995b (sub *Agyreta pseudorurestris*); (132) Pantini & Sassu, 2009; (134) Marras et al., 2011.

PROVINCE. (134); Cagliari (ined.); Medio Campidano (ined.); Nuoro (ined.); Ogliastra (87); Sassari (132, ined.).

HABITAT. Citrus-grove (ined.); cherry-orchard (ined.); orchard (134); garrigue (ined.); mediterranean maquis (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.); olive-grove (ined.); under *Juniperus* sp. (ined.); under stones (87); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 male 29.VI.2000, 1 male and 1 female 19.VI.2000, 1 male 10.VII.2000 leg. CRAS (ISE).

MEDIO CAMPIDANO: Arbus, Ingurtosu, Nara-cauli, m 120, mediterranean maquis, 2 males 16-29.VI.2009; m 170, mining landfills covered by pioneer plants, 1 female 19.V-4.VI.2009; m 200, garrigue, 2 males and 3 females 19.V-4.VI.2009, 1 male 5-19.V.2009 (ISE), 1 male and 1 female 19.V-4.VI.2009 (MBG), 1 female 6-20.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 2 males 18.V-3.VI.2009, leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 3 females 18-26.IV.2007, 1 male 16-23.V.2007, 1 female 11-18.I.2008 (ISE); Canale e' Figù, m 576, walnut-orchard, 1 female 26.IV-4.V.2007, 1 female 16-23.V.2007, 1 female 21-28.VI.2007, 1 female 17-24.VII.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 male 16-23.V.2007, 1 male 4-11.X.2007, 2 males and 1 female, 19-26.XI.2007, 1 female 11-18.I.2008 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male 30.V-4.VII.2007 (ISE) (all pitfall traps and leg. I.S.E.). Desulo, Gennargentu, mountain refuge, m 1500, under *Juniperus* sp., pitfall traps, 1 male 17.VI-1.VII.2007, leg. Fiori F. (ISE). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 male, 18-26.IV.2007, 1 male 16-23.V.2007 leg. I.S.E. (ISE).

SASSARI: Sassari, Gioscari, olive-grove, chemical knockdown, 1 female 22.IX.2008, 1 female 14.X.2008 leg. Ist. Ent. SS (ISE).

**\**Micrargus subaequalis*** (Westring, 1851)

CHOROTYPE. Asiatic-European.

HABITAT. Under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. NUORO: Fonni, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 male 5-19.VI.2007 leg. Fiori F. (MBG).

***Microctenonyx subitaneus*** (O.P.-Cambridge, 1875)

CHOROTYPE. Holarctic.

REFERENCES. (46) Thermes, 1972 (sub *Aulacocyba subitaneus*); (52) Puddu & Pirodda, 1974 (sub *Aulacocyba subitaneus*); (67) Puddu, 1980 (sub *Aulacocyba subitaneus*); (84) Pesarini, 1994; (94) Arnò et al., 1998; (104) Mucedda et al., 2002 (sub *Aulacocyba subitaneus*); (132) Pantini & Sassu, 2009; (135) Tanasevitch, 2011.

PROVINCE. (84); Cagliari (135); Cagliari/Nuoro (67); Carbonia-Iglesias (46, 52); Nuoro (ined.); Sassari (94, 104, 132, ined.).

HABITAT. Avenue of lime trees (94); hypogean habitat (46, 52, 67, 104); cherry-orchard (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.); olive-grove (ined.).

EXAMINED MATERIAL. NUORO: Belvì, Antonitzò, m 683, cherry-orchard, 1 male 18-26.IV.2007, 8 male 19-26.XI.2007, 2 males 22-29.II.2008 (ISE); Canale e' Figù, m 576, walnut-orchard, 2 males 11-18.I.2008 (ISE); Mannaritzò, m 706, cherry-orchard, 1 male 11-18.IV.2007, 1 male 18-26.IV.2007, 1 male 16-23.V.2007, 1 male 19-26.XI.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male 24.VIII-5.IX.2006, 2 females 30.V-4.VII.2007 (MBG), 1 male, 1 female 30.V-4.VII.2007 (ISE) (all pitfall traps and leg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 male 19-26.XI.2007 leg. I.S.E. (ISE).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 male 6.VIII.2009 leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 female 29.III.1993 leg. Ist. Ent. SS (ISE).

***Microlinyphia pusilla*** (Sundevall, 1830)

CHOROTYPE. Holarctic.

REFERENCES. (8) Costa, 1884 (sub *Linyphia pusilla*); (13) Garneri, 1902 (sub *Linyphia pusilla*).

PROVINCE. (8); Cagliari (13); Carbonia-Iglesias (13); Sassari (13).

**\**Nematogmus sanguinolentus*** (Walckenaer, 1841)

CHOROTYPE. Palearctic.

HABITAT. Olive-grove (ined.).

EXAMINED MATERIAL. SASSARI: Sassari, Lu Buttangaru, olive-grove, chemical knockdown, 1 male 13.X.2008 leg. Ist. Ent. SS (MBG).

***Neriene clathrata*** (Sundevall, 1830)

CHOROTYPE. Holarctic.

REFERENCES. (35) Helsdingen, 1969.

PROVINCE. Sassari (35).

***Neriene furtiva*** (O.P.-Cambridge, 1871)

CHOROTYPE. European.

REFERENCES. (116) Helsdingen, 2005.

PROVINCE. Ogliastra (116).

HABITAT. In shrubs along a little stream (116).

***Ouedia rufithorax*** (Simon, 1881)

CHOROTYPE. W-Mediterranean.

REFERENCES. (132) Pantini & Sassu, 2009.

PROVINCE. Sassari (132, ined.).

HABITAT. Olive-grove (ined.).

EXAMINED MATERIAL. SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 female 20.X.2009, 2 males 27.X.2009, 1 male 7.X.2009 leg. Ist. Ent. SS (ISE).

***Palliduphantes angustiformis*** (Simon, 1884)

CHOROTYPE. Sardo-Corsican endemic.

REFERENCES. (9) Simon, 1884; (13) Garneri, 1902; (17) Simon, 1929; (41) Brignoli, 1971c; (52) Puddu & Pirodda, 1974; (64) Brignoli, 1979d; (84) Pesarini, 1994 (all sub *Leptyphantes angustiformis*); (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (17); (84); Carbonia-Iglesias (41, 52, 64, 139); Medio Campidano (ined.); Nuoro (ined.); Sassari (9, 13, 64, 132, ined.).

HABITAT. Hypogean habitat (41, 52, 64); cherry-orchard (ined.); garrigue (ined.); mediterranean

maquis (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.); alder-grove (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 male and 2 females 19.V-4.VI.2009 (MBG), 2 females 29.VI-14.VII.2009, 1 female 4-16.VI.2009, 1 female 22.IX-6.X.2009, 1 male 6-20.X.2009; m 170, mining landfills covered by pioneer plants, 1 female 22.IX-6.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 female 5-18.V.2009, 1 male 8-22.IX.2009, 1 male 6-20.X.2009, m 235; garrigue, 2 females 22.IX-6.X.2009; m 260, mediterranean maquis, 1 female 21.IV-5.V.2009, 3 females 18.V-3.VI.2009, 2 females 5-18.V.2009, 1 female 15-30.VI.2009, 1 male, 1 female 13-27.VII.2009, 1 female 22.IX-6.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

NUORO: Belvì, Antonitzò, m 683, cherry-orchard, 1 male and 2 females 16-23.V.2007 (ISE); Canale e' Figu, m 576, walnut-orchard, pitfall traps, 4 females 16-23.V.2007, 1 female 19-26.XI.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 3 females 16-23.V.2007, 2 males and 1 female 21-28.VI.2007, 1 female 4-11.X.2007, 1 male 19-26.XI.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 female 27.VII-8.VIII.2006, 1 female 8-24.VIII.2006, 1 male 21.IX-5.X.2006, 1 female 8.I-21.II.2007, 1 male and 3 females 30.V-4.VII.2007 (MBG), 1 male and 2 females 30.V-4.VII.2007 (ISE) (all pitfall traps and leg. I.S.E.). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, pitfall traps, 1 female 5-19.VI.2007 leg. Fiori F. (ISE). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 2 males 11-18.IV.2007, 1 male, 3 females 21-28.VI.2007, 2 males and 1 female 24-30.VIII.2007, 1 male 19-26.XI.2007, 1 female 11.I-18.I.2008, 1 female 22-29.II.2008 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Olbia, Isola Molarotto, 1 female 23.III.1966 leg. Gruppo Isole C.N.R. (MBG).

### *Pelecopsis bucephala* (O.P.-Cambridge, 1875)

CHOROTYPE. W-Mediterranean.

REFERENCES. (116) Helsdingen, 2005.

PROVINCE. Ogliastra (116).

HABITAT. Wasteland plot (116).

### *Pelecopsis elongata* (Wider, 1834)

CHOROTYPE. European.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.).

HABITAT. Cherry-orchard (ined.); hazelnut-orchard (127, ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvì, Antonitzò, m 683, cherry-orchard, bark traps, 1 female 4.X-26.XI.2007 (ISE); Canale e' Figu, m 576, walnut-orchard, bark traps, 1 female 19-26.XI.2007, 1 female 11-18.I.2008 (ISE); Su Ajone, m 585, hazelnut-orchard, beating tray, 1 female 4.V.2005 (ISE); Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 male 21.IX.2006-8.I.2007 (ISE) (all leg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, bark traps, 1 female 18-26.IV.2007, 1 female 11-18.IV.2007 leg. I.S.E. (ISE).

### *Pelecopsis inedita* (O.P.-Cambridge, 1875)

CHOROTYPE. Mediterranean.

REFERENCES. (127) Loru et al., 2008; (132) Pantini & Sassu, 2009.

PROVINCE. (127); Cagliari (ined.); Nuoro (ined.); Sassari (132, ined.).

HABITAT. Citrus-grove (ined.); cherry-orchard (ined.); hazelnut-orchard (127, ined.); olive-grove (ined.); pinewood (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 female 23.XI.2000, 2 males 4.XII.2000 leg. CRAS (ISE).

NUORO: Belvì, Antonitzò, m 683, cherry-orchard, 1 male 19-26.XI.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 2 males and 3 females, 18-26.IV.2007, 4 males, 4 females 16-23.V.2007, 1 male and 2 females 16-23.V.2007, 2 females 21-28.VI.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male 21.II-19.III.2007 (ISE), 1 male 21.II-19.III.2007 (MBG) (all pitfall traps and leg. I.S.E.). Tiana, m 522, hazelnut-orchard, beating tray, 1 female 4.V.2005 leg. I.S.E. (ISE).

SASSARI: Alghero, Porto Conte, m 35, pinewood, emergence cages, 1 female 13.IV.2009, 2 females 15.V.2009, leg. Ist. Ent. SS (ISE); Mamuntanas, olive-grove, chemical knockdown, 1 female 21.VIII.2009, 2 males and 1 female



6.IX.2009, 1 female 7.IX.2009, 1 male and 3 females 30.IX.2009 leg. Ist. Ent. SS (ISE).

***Pelecopsis mengei*** (Simon, 1884)

CHOROTYPE. Palearctic.

REFERENCES. (132) Pantini & Sassu, 2009.

PROVINCE. Sassari (132, ined.).

HABITAT. Orchard (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 male and 1 female 11-18.III.1998 leg. Ist. Ent. SS (ISE).

***Pityohyphantes phrygianus*** (C.L. Koch, 1836)

CHOROTYPE. Asiatic-European.

REFERENCES. (10) Costa, 1885 (sub *Linyphia phrygiana*).

PROVINCE. Carbonia-Iglesias (10); Sassari (10).

**\**Pocadicnemis juncea*** Locket et Millidge, 1953

CHOROTYPE. Asiatic-European.

HABITAT. Hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 male 30.V-4.VII.2007 leg. I.S.E. (ISE).

***Porrhomma convexum*** (Westring, 1851)

CHOROTYPE. Palearctic.

REFERENCES. (64) Brignoli, 1979d.

PROVINCE. Nuoro (64).

HABITAT. Hypogean habitat (64).

***Prinerigone vagans*** (Audouin, 1826)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *Erigone vagans*); (84) Pesarini, 1994 (sub *Erigone vagans*).

PROVINCE. (84); Cagliari (ined.); Medio-Campidano (ined.); Nuoro (ined.); Ogliastra (13).

HABITAT. Citrus-grove (ined.); hazelnut-orchard (ined.); alder-grove (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Ap-passiu, Agris farm, citrus-grove, beating tray, 1 male 14.XII.2000 leg. CRAS (ISE).

MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, pitfall traps, 1 male 18.V-3.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 3 males 30.V-4.VII.2007 (MBG), 2 males 30.V-4.VII.2007 (ISE) (all leg. I.S.E.). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, pitfall traps, 1 male 19.VI-1.VII.2007 leg. Fiori F. (ISE).

***Sintula retroversus*** (O.P.-Cambridge, 1875)

CHOROTYPE. Turano-European.

REFERENCES. (64) Brignoli, 1979d.

PROVINCE. Nuoro (ined.); Ogliastra (64); Olbia-Tempio (ined.).

HABITAT. Hypogean habitat (64); cherry-orchard (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 2 males 19-26.XI.2007, 1 female 22-29.II.2008 (ISE); Canale e' Figu, m 576, walnut-orchard, 1 male 26.XI-3.XII.2007, 1 male 19-26.XI.2007, 1 male 11.I-18.I.2008, 1 male 22-29.II.2008 (ISE); Mannaritzò, m 706, cherry-orchard, 1 female 11-18.IV.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 female 21.II-19.III.2007 (ISE) (all pitfall traps and leg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 3 males 19-26.XI.2007 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Monte Limbara, Punta Bali-steri, m 1310, 1 female 10.XII.2004 leg. Lodovici O., Pantini P. (MBG).

**\**Syedra nigrotibialis*** Simon, 1884

CHOROTYPE. Tyrrhenian endemic.

HABITAT. Walnut-orchard (ined.); under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Canale e' Figu, m 576, walnut-orchard, 1 female 21-28.VI.2007, 1 female 17-24.VII.2007 leg. I.S.E. (MBG). Desulo, Gennargentu, mountain refuge, m 1500, alder-grove, 1 female 17-23.VIII.2006 (ISE); under *Juniperus* sp., 2 females 2-17.VIII.2006 (ISE), 1 male 9-15.I.2007 (MBG) (all pitfall traps and leg. Fiori F.).



***Tenuiphantes flavipes*** (Blackwall, 1854)

CHOROTYPE. Palearctic.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.).

HABITAT. Cherry-orchard (ined.); hazelnut-orchard (127, ined.); under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzo, m 683, cherry-orchard, pitfall traps, 1 male 16-23.V.2007 leg. I.S.E. (MBG); Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 male 4.V.2005 leg. I.S.E. (ISE). Desulo, Gennargentu, mountain refuge, m 1500, under *Juniperus* sp., pitfall traps, 1 female 10-24.V.2007 leg. Fiori F. (ISE).

***Tenuiphantes herbicola*** (Simon, 1884)

CHOROTYPE. Mediterranean.

REFERENCES. (132) Pantini & Sassu, 2009.

PROVINCE. Medio Campidano (ined.); Nuoro (ined.); Sassari (132).

HABITAT. Mediterranean maquis (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.); alder-grove (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, pitfall traps, 1 male and 1 female 7-21.IV.2009 (MBG), 2 females 21.IV-5.V.2009, 2 females 7-21.IV.2009, 1 female 5-19.V.2009, 2 males, 3 females and 1 juv. 19.V-4.VI.2009, 1 female 4-16.VI.2009, 2 females 16-29.VI.2009, 1 female 29.VI-14.VII.2009, 1 female 28.VII-10.VIII.2009, 1 male 10-25.VIII.2009, 1 female 22.IX-6.X.2009, 1 male and 1 female 8-22.IX.2009 leg. Sassu A., Verdinelli M. (ISE). Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 2 females 7-21.IV.2009, 2 females 18.V-3.VI.2009, 1 male and 1 female 15-30.VI.2009, 3 females 30.VI-13.VII.2009, 2 males 8-22.IX.2009, 2 females 22.IX-6.X.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 female 5-16.X.2006 (ISE), 1 female 8.I-21.II.2007 (MBG) (all leg. I.S.E.). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, pitfall traps, 1 female 19.VII-2.VIII.2006, 1 female 17-30.VIII.2006, 1 female 19.VI-1.VII.2007 leg. Fiori F. (ISE). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 female 11-18.I.2008 leg. I.S.E. (ISE).

***Tenuiphantes mendei*** (Kulczyński, 1887)

CHOROTYPE. Palearctic.

REFERENCES. (114) Grill et al., 2005 (sub *Leptyphantes mendei*).

PROVINCE. (114).

HABITAT. Low shrubs (114).

***Tenuiphantes tenebricola*** (Wider, 1834)

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902 (sub *Leptyphantes tenebricola*).

PROVINCE. Cagliari (13).

***Tenuiphantes tenuis*** (Blackwall, 1852)

CHOROTYPE. Turano-European.

REFERENCES. (94) Arnò et al., 1998 (sub *Leptyphantes tenuis*); (127) Loru et al., 2008; (132) Pantini & Sassu, 2009.

PROVINCE. (127); Cagliari (ined.); Medio-Campidano (ined.); Nuoro (ined.); Olbia-Tempio (ined.); Sassari (94, 132, ined.).

HABITAT. Citrus-grove (ined.); avenue of lime trees (94); cherry-orchard (ined.); orchard (ined.); mediterranean maquis (ined.); hazelnut-orchard (127, ined.); walnut-orchard (ined.); olive-grove (ined.); alder-grove (ined.); under *Juniperus* (ined.); forest of *Quercus suber* (ined.); vineyard (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 2 females 19.VI.2000, 1 male 10.VII.2000 leg. CRAS (ISE).

MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 female 30.VI-13.VII.2009, 1 male 15-30.VI.2009, 2 females 3-15.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Antonitzo, m 683, cherry-orchard, pitfall traps, 1 female 18-26.IV.2007, 1 male and 1 female 11-18.IV.2007, 1 female 16-23.V.2007 (ISE); Canale e' Figù, m 576, walnut-orchard, pitfall traps, 1 female 27.IX-4.X.2007 (ISE); Mannaritzo, m 706, cherry-orchard, pitfall traps, 2 males and 1 female 16-23.V.2007 (ISE); Su Ajone, m 585, hazelnut-orchard, beating tray, 1 female 19.V.2005, 2 females 29.VI.2005, 1 female 16.VI.2005 (MBG); Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 female and

2 juv. 16.VI.2005, 3 females and 1 juv. 29.VI.2005 (MBG); hazelnut-orchard, pitfall traps, 1 female 27.VII-8.VIII.2006, 1 female 8-24.VIII.2006, 1 female 24.VIII-5.IX.2006, 1 female 21.IX-5.X.2006, 2 females 8.I-21.II.2007, 1 male and 2 females 21.II-19.III.2007, 1 male and 1 female 19.III-26.IV.2007, 4 females 26.IV-30.V.2007, 3 males, 13 females and 1 juv. 30.V-4.VII.2007, 4 females and 1 juv. 30.V-4.VII.2007 (ISE) (all leg. I.S.E.). Desulo, Gennargentu, mountain refuge, m 1500, under *Juniperus* sp., 3 males and 1 female 10-24.V.2007, alder-grove, 1 male and 2 females 10-24.V.2007 (ISE) (all pitfall traps and leg. Fiori F.). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, 1 female, 30.VIII-12.IX.2006, 11 males and 1 female 5-19.VI.2007, 2 males and 1 female 19.VI-1.VII.2007 (ISE), under *Juniperus* sp., 1 female, 2-17.VIII.2006, 3 males and 3 females 5-19.VI.2007, 4 males and 2 females 19.VI-1.VII.2007 (ISE) (all pitfall traps and leg. Fiori F.). Tiana, m 522, hazelnut-orchard, beating tray, 1 male 16.VI.2005 leg. I.S.E. (ISE). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 female 11-18.IV.2007, 1 male and 2 females 21-28.VI.2007, 1 female 24-30.VIII.2007, 1 male 17.VIII.2007-24.VIII.2007, 1 female 19-26.XI.2007, 1 female 22-29.II.2008 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Buddusò, near Nuraghe Lolle, forest of *Quercus suber*, beating tray, 1 male 31.V.1999, 1 female 28.VI.1999 leg. Ist. Ent. SS (ISE). Olbia, Isola Tavolara, macchia alta Nord, 1 female 4.XI.1965 leg. Gruppo Isole C.N.R. (MBG).

SASSARI: Sassari, Gioscari, olive-grove, chemical knockdown, 2 females 22.IX.2008 leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 female 13.V.1993 (ISE); orchard, beating tray, 1 female 18.III.1998 (ISE); orchard, pitfall traps, 2 males 11-18.III.1998 (ISE) (all leg. Ist.Ent.SS). Torralba, vineyard, 1 male, 1.VII.1995 leg. Ist. Ent. SS (ISE).

***Tenuiphantes zimmermanni*** (Bertaku, 1884)

CHOROTYPE. European.

REFERENCES. (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (139).

***Tiso vagans*** (Blackwall, 1834)

CHOROTYPE. European.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 female 4.V.2005 (MBG); m 550, hazelnut-orchard, pitfall traps, 4 females 13-27.VII.2006 (ISE), 1 female 27.VII-8.VIII.2006, 5 females 13-27.VII.2006, 1 male and 1 female, 24.VIII-5.IX.2006, 1 female 8-24.VIII.2006, 2 males and 2 females 16-31.X.2006 (MBG), 2 males 16-31.X.2006 (ISE), 1 female 5-16.X.2006, 1 male and 2 females 21.XI.2006-8.I.2007, 9 males and 1 female, 8.I-21.II.2007, 9 males 21.II-19.III.2007, 3 females 19.III-26.IV.2007, 6 males and 2 females, 26.IV-30.V.2007, 3 males and 51 females 30.V-4.VII.2007 (MBG) (all leg. I.S.E.).

***Typhochrestus sardus*** Bosmans, 2008

CHOROTYPE. Sardinian endemic.

REFERENCES. (125) Bosmans, 2008.

PROVINCE. Cagliari (125).

HABITAT. In litter (125).

**\**Walckenaeria antica*** (Wider, 1834)

CHOROTYPE. Asiatic-European.

HABITAT. Hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 female 27.VII-8.VIII.2006 (MBG), 1 female 30.V-4.VII.2007 (ISE) (all leg. I.S.E.).

**\**Walckenaeria stylifrons*** (O.P.-Cambridge, 1875)

CHOROTYPE. S-European.

HABITAT. Cherry-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, pitfall traps, 1 male 22-29.II.2008 leg. I.S.E. (ISE).

Family TETRAGNATHIDAE

***Meta bourneti*** Simon, 1922

CHOROTYPE. European.

REFERENCES. (34) Dresco & Hubert, 1969; (41)

Brignoli, 1971c; (45) Sanna et al., 1972; (46) Thermes, 1972; (64) Brignoli, 1979d; (69) Cannas, 1972; (84) Pesarini, 1994; (105) Grafitti, 2003; (119) Lana et al., 2006; (121) Grafitti, 2007a; (122) Grafitti, 2007b; (126) Grafitti & Merella, 2008.

PROVINCE. (84); Cagliari (46, 69); Carbonia-Iglesias (41, 45, 46, 64, 105, 119, 126); Nuoro (34, 41); Ogliastra (34, 46); Oristano (122); Sassari (41, 121, ined.).

HABITAT. Hypogean habitat (34, 41, 45, 46, 64, 69, 105, 119, 121, 126).

EXAMINED MATERIAL. SASSARI: Sassari, La Corte, 1 female 23.XI.2003 (ISE).

***Meta menardi*** (Latreille, 1804)

CHOROTYPE. Palearctic.

REFERENCES. (38) Puddu, 1970.

PROVINCE. Ogliastra (38).

HABITAT. Hypogean habitat (38).

***Metellina mingei*** (Blackwall, 1870)

CHOROTYPE. European.

REFERENCES. (64) Brignoli, 1979d (sub *Meta mingei*); (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (64, 139).

HABITAT. Hypogean habitat (64).

***Metellina merianae*** (Scopoli, 1763)

CHOROTYPE. European.

REFERENCES. (8) Costa, 1884 (sub *Meta merianae*); (13) Garneri, 1902 (sub *Meta Merianae*); (14) Gozo, 1908 (sub *Meta merianae*); (19) Roewer, 1953 (sub *Meta merianae*); (22) Roewer, 1956 (sub *Meta merianae*); (30) Cerruti, 1968 (sub *Meta merianae*); (34) Dresco & Hubert, 1969 (sub *Meta merianae*); (38) Puddu, 1970 (sub *Meta merianae*); (41) Brignoli, 1971c (sub *Meta merianae*); (44) Casale, 1972 (sub *Meta merianae*); (46) Thermes, 1972 (sub *Meta merianae*); (47) Bartolo et al., 1973 (sub *Meta merianae*); (64) Brignoli, 1979d (sub *Meta merianae*); (65) Grafitti, 1979 (sub *Meta merianae*); (69) Cannas, 1972 (sub *Meta bournetii merianae*); (75) Grafitti, 1984 (sub *Meta merianae*); (82) Grafitti, 1993 (sub *Meta merianae*); (83) Pons, 1993 (sub *Meta merianae*); (84) Pesarini,

1994 (sub *Meta merianae*); (121) Grafitti, 2007a (sub *Meta merianae*); (126) Grafitti & Merella, 2008; (139) Trotta, 2011.

PROVINCE. (13, 84); Cagliari (13, 46, 69); Carbonia-Iglesias (14, 41, 46, 47, 64, 83, 126, 139); Nuoro (22, 34, 41, 44, 64, 83); Ogliastra (13, 38, 41, 46); Sassari (8, 13, 14, 19, 30, 41, 65, 75, 82, 121, 139).

HABITAT. Hypogean habitat (14, 19, 22, 30, 34, 38, 41, 44, 46, 47, 64, 65, 69, 75, 82, 83, 121, 126).

EXAMINED MATERIAL. NUORO: Dorgali, Cave Su Anzu, 1 male VII.1983 leg. Giachino P.M. (MBG).

***Metellina segmentata*** (Clerck, 1757)

CHOROTYPE. Holarctic.

REFERENCES. (8) Costa, 1884 (sub *Meta segmentata*); (13) Garneri, 1902 (sub *Meta segmentata*); (19) Roewer, 1953 (sub *Meta segmentata*); (30) Cerruti, 1968 (sub *Meta segmentata*); (46) Thermes, 1972 (sub *Meta segmentata*); (84) Pesarini, 1994 (sub *Meta segmentata*); (127) Loru et al., 2008.

PROVINCE. (84, 127); Cagliari (8, 13); Nuoro (ined.); Ogliastra (46); Sassari (19, 30, ined.).

HABITAT. Hypogean habitat (19, 30, 46); hazelnut-orchard (127, ined.); olive-grove (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 female, 21.IX.2005 (MBG), 1 female, 21.IX.2005 (ISE) (all leg. I.S.E.). Tiana, m 522, hazelnut-orchard, beating tray, 1 male 4.X.2005 leg. I.S.E. (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 male 18.III.1994 leg. Ist. Ent. SS (ISE).

***Pachygnatha clercki*** Sundevall, 1823

CHOROTYPE. Holarctic.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902.

PROVINCE. Cagliari (13); Oristano (10); Sassari (10).

***Pachygnatha degeeri*** Sundevall, 1830

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885.

PROVINCE. Nuoro (ined.); Sassari (10, ined.).

HABITAT. Hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 3 females 13-27.VII.2006, 1 male and 3 females, 24.VIII-5.IX.2006, 2 males 8-24.VIII.2006, 1 female 5-16.X.2006, 1 female 8.I-21.II.2007 (MBG), 1 male and 3 females, 21.II-19.III.2007 (ISE), 1 male and 2 females, 21.II-19.III.2007, 1 male and 2 juv. 19.III-26.IV.2007, 3 females 26.IV-30.V.2007, 2 females 30.V-4.VI.2007 (MBG) (all leg. I.S.E.).

OLBIA-TEMPIO: Olbia, Isola Molara, 1 male 13.VI.1967 leg. Gruppo Isole C.N.R. (MBG).

***Tetragnatha extensa*** (Linnaeus, 1758)

CHOROTYPE. Holarctic.

REFERENCES. (6) Magretti, 1880; (7a) Costa, 1882; (8) Costa, 1884; (13) Garneri, 1902; (84) Pesarini, 1994; (133) Trotta, 2009.

PROVINCE. (84); Cagliari (13); Ogliastra (13); Olbia-Tempio (133); Oristano (6, 13); Oristano/Nuoro (7a, 8).

***Tetragnatha intermedia*** Kulczyński, 1891

CHOROTYPE. S-European.

REFERENCES. (136) Wunderlich, 2011.

PROVINCE. (136); Cagliari (ined.); Sassari (ined.).

HABITAT. Between rocks (136); citrus-grove (ined.); orchard (ined.); olive-grove (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, 1 male 21.IX.2005 leg. CRAS (MBG).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, 1 male 21.V.1993 (ISE); olive-grove, beating tray, 1 male 18.VI.1993, 4 males, 1 female and 1 juv. 3.VI.1993, 3 males and 2 juv. 25.VI.1993, 1 male and 1 female, 9.VII.1993, 1 male 26.VIII.1993, 1 male and 6 juv. 6.VIII.1993, 1 male 19.VIII.1993 (ISE); orchard, beating tray, 1 male 31.VII.1997 (ISE) (all leg. Ist. Ent. SS).

***Tetragnatha montana*** Simon, 1874

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902; (127) Loru et al., 2008.

PROVINCE. (127); Cagliari (13); Nuoro (ined.); Ogliastra (13); Olbia-Tempio (ined.); Oristano (13); Sassari (ined.).

HABITAT. Hazelnut-orchard (127, ined.); olive-grove (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Scala Cerasia, m 660, 1 male, 1 female 21.V.2008 leg. Pantaleoni R.A. (ISE); Su Ajone, m 585, hazelnut-orchard, beating tray, 1 male 29.VI.2005 (ISE), 1 male and 8 juv. 29.VI.2005 (MBG), 1 female 1.VI.2005 leg. I.S.E. (ISE) (all leg. I.S.E.).

OLBIA-TEMPIO: Telti, Rio Almiddina, 1 male 20.V.2008 leg. Sassu A. (ISE).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 2 males and 1 juv. 6.VIII.2008, 2 males 21.VIII.2009 leg. Ist. Ent. SS (ISE).

***Tetragnatha nitens*** (Audouin, 1826)

CHOROTYPE. Cosmopolitan.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (13); Ogliastra (13).

REMARKS ON FAMILY TETRAGNATHIDAE. *Tetragnatha chrysochlora* (Audouin, 1826) cited by de Carlini (1885) and Garneri (1902) is an unknown species in our fauna, the citations should be linked to one of the cited species.

FAMILY ARANEIDAE

***Aculepeira armida*** (Audouin, 1826)

CHOROTYPE. Asiatic-European.

REFERENCES. (10) Costa, 1885 (sub *Epeira armida*); (11) de Carlini, 1885 (sub *Epeira armida*); (13) Garneri, 1902 (sub *Epeira armida*); (63) Brignoli, 1979c; (84) Pesarini, 1994.

PROVINCE. (63, 84); Carbonia-Iglesias (11, 13); Oristano (10); Sassari (ined.).

EXAMINED MATERIAL. SASSARI: Sassari, Monte Bianchinu, 1 female 24.VI.2008 leg. Cossu S. (ISE).

***Aculepeira ceropegia*** (Walckenaer, 1802)

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885 (sub *Epeira ceropegia*); (63) Brignoli, 1979c; (84) Pesarini, 1994.



PROVINCE. (10, 63, 84); Nuoro (ined.).

HABITAT. Grassland (ined.).

EXAMINED MATERIAL. NUORO: Bolotana, Badde 'e Salighes, m 850, grassland, 1 male and 3 females 27.V.2006 leg. Sassu A. (ISE).

***Agalenatea redii*** (Scopoli, 1763)

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885 (sub *Epeira Redii*); (11) de Carlini, 1885 (sub *Epeira redii*); (13) Garneri, 1902 (sub *Epeira Redii*); (63) Brignoli, 1979c; (84) Pesarini, 1994; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (10, 13, 63); Carbonia-Iglesias (11, 13, 139); Medio Campidano (139); Ogliastra (13, 63, 139); Olbia-Tempio (ined.); Oristano (10, 13); Sassari (132).

EXAMINED MATERIAL. OLBIA-TEMPIO: Olbia, Isola Tavolara, high plateau, 1 male 27.IV.1966 leg. Gruppo Isole CNR (MBG).

***Araneus diadematus*** Clerck, 1757

CHOROTYPE. Holarctic.

REFERENCES. (8) Costa, 1884 (sub *Epeira diademata*); (13) Garneri, 1902 (sub *Epeira diademata*); (63) Brignoli, 1979c; (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (8, 84); Cagliari (13); Carbonia-Iglesias (139); Ogliastra (63); Sassari (ined.).

HABITAT. Vineyard (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Lu Tuvaraggiu, m 25, 1 female 24.XI.2009 leg. Loru L. (ISE). Torralba, vineyard, 1 male 15.X.1994 leg. Ist. Ent. SS (ISE).

**\**Araneus marmoreus*** Clerck, 1757

CHOROTYPE. Holarctic.

HABITAT. Orchard (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, beating tray, 1 male 26.VI.1997 leg. Ist. Ent. SS (ISE).

**\**Araneus quadratus*** Clerck, 1757

CHOROTYPE. Palearctic.

EXAMINED MATERIAL. NUORO: Belvi, Scala Cerasia, m 660, 1 male 28.VIII.2000 leg. Molinu A. (ISE).

***Araniella alpica*** (L. Koch, 1869)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902 (sub *Epeira alpica*); (84) Pesarini, 1994.

PROVINCE. (84); Ogliastra (13).

***Araniella cucurbitina*** (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884 (sub *Epeira cucurbitina*); (13) Garneri, 1902 (sub *Epeira cucurbitina*); (84) Pesarini, 1994; (114) Grill et al., 2005; (127) Loru et al., 2008; (139) Trotta, 2011.

PROVINCE. (84, 114, 127); Carbonia-Iglesias (13, 139); Nuoro (8, 13, ined.); Ogliastra (13); Olbia-Tempio (8, 13); Oristano (8, 13); Sassari (ined.).

HABITAT. Low shrubs, grass and shrubland, shrublands and trees (114); hazelnut-orchard (127, ined.); grassland (ined.); vineyard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 female 1.VI.2005, 1 male 16.VI.2005 (ISE), 1 male 16.VI.2005 (MBG) (all leg. I.S.E.). Bolotana, Badde e' Salighes, m 850, grassland, 1 male 27.V.2007 leg. Sassu A. (ISE). Tiana, m 522, hazelnut-orchard, beating tray, 1 male 16.VI.2005, 1 male 1.VI.2005, 1 female 29.VI.2005, 1 female 27.VII.2005 leg. I.S.E. (MBG).

SASSARI: Torralba, vineyard, 1 female 8.VII.1995 leg. Ist. Ent. SS (ISE).

***Argiope bruennichi*** (Scopoli, 1772)

CHOROTYPE. Palearctic.

REFERENCES. (1) Canestrini & Pavesi, 1868 (sub *Nephila fasciata*); (2a) Canestrini & Pavesi, 1870 (sub *Nephila fasciata*); (3) Pavesi, 1876; (13) Garneri, 1902; (84) Pesarini, 1994; (133) Trotta, 2009.

PROVINCE. (1, 2a, 84); Cagliari (3, 13); Olbia-Tempio (133); Oristano (13); Sassari (ined.).

EXAMINED MATERIAL. SASSARI: Sassari, 1 female 30.IX.2008 leg. Cabula P. (ISE).



***Argiope lobata*** (Pallas, 1772)

CHOROTYPE. Palearctic.

REFERENCES. (3) Pavesi, 1876; (5) Pavesi, 1878; (8) Costa, 1884; (13) Garneri, 1902; (84) Pesarini, 1994; (114) Grill et al., 2005.

PROVINCE. (8, 84, 114); Cagliari (13); Carbonia-Iglesias (3, 13); Nuoro (ined.); Olbia-Tempio (5, 13).

HABITAT. Agricultural land (114).

EXAMINED MATERIAL. NUORO: Siniscola, Monte Albo, cant. di S. Anna, m 600, 1 female 27.VII.1999 leg. Fontana P. (MBG).

***Argiope trifasciata*** (Forskål, 1775)

CHOROTYPE. Subcosmopolitan.

REFERENCES. (138) Di Pompeo et al., 2011.

PROVINCE. Cagliari (138).

HABITAT. Costal areas (138).

***Cercidia prominens*** (Westring, 1851)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

***Cyclosa conica*** (Pallas, 1772)

CHOROTYPE. Holarctic.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (84) Pesarini, 1994; (127) Loru et al., 2008.

PROVINCE. (84, 127); Cagliari (13); Nuoro (ined.); Oristano (8, 13).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 female 4.V.2005 leg. I.S.E. (ISE).

***Cyclosa insulana*** (Costa, 1834)

CHOROTYPE. Afrotropico-Indo-Mediterranean.

REFERENCES. (3) Pavesi, 1876; (5) Pavesi, 1878 (sub *Cyrtophora* or *Cyclosa insulana*); (7a) Costa, 1882 (sub *Epeira insulana*); (8) Costa, 1884 sub *Cyclosa insulana* (*trituberculata* Luc.); (13) Garneri, 1902; (84) Pesarini, 1994; (114) Grill et al., 2005.

PROVINCE. (84, 114); Cagliari (3, 13); Carbonia-Iglesias (7a, 8, 13); Olbia-Tempio (5); Oristano (8, 13); Sassari (ined.).

HABITAT. Agricultural land (114); olive-grove (ined.); on marsh plants (8).

EXAMINED MATERIAL. SASSARI: Sassari, Gioiscari, olive-grove, chemical knockdown, 1 female 4.IX.2008, 1 male 6.VIII.2009 leg. Ist. Ent. SS (ISE).

***Cyclosa oculata*** (Walckenaer, 1802)

CHOROTYPE. Asiatic-European.

REFERENCES. (134) Marras et al., 2011.

PROVINCE. (134); Cagliari (ined.).

HABITAT. Citrus-grove (ined.); orchard (134).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Ap-passiu, Agris farm, citrus-grove, beating tray, 1 female, 19.VI.2000, 2 males and 1 female, 29.VI.2000, 5 males and 4 females 20.VII.2000, 6 males and 1 female 10.VII.2000, 1 male and 1 female 31.VII.2000, 1 female 31.VIII.2000, 2 females 10.VIII.2000, 3 males and 1 female 21.VIII.2000, 1 male 21.IX.2000, 1 female 11.IX.2000, 2 females 4.X.2000, 1 female 12.X.2000, leg. CRAS (ISE).

***Cyclosa sierrae*** Simon, 1870

CHOROTYPE. Mediterranean.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (139).

***Cyrtarachne ixoides*** (Simon, 1870)

CHOROTYPE. Mediterranean.

REFERENCES. (129) Colombo & Manunza, 2009.

PROVINCE. Cagliari (ined.); Sassari (129, ined.).

HABITAT. Citrus-grove (ined.); bushes and hedges inside a private garden (129); orchard (ined.); olive-grove (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Ap-passiu, Agris farm, citrus-grove, beating tray, 1 juv 13.XI.2000 leg. CRAS (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, 1 male 1.VII.1993, 1 male 22.VII.1993

(ISE); orchard, 1 female 27.V.1998 (ISE) (all beating tray and leg. Ist. Ent. SS).

***Cyrtophora citricola*** (Forskål, 1775)

CHOROTYPE. Afrotropico-Indo-Mediterranean.

REFERENCES. (3) Pavesi, 1876; (7a) Costa, 1882 (sub *Epeira cajetana*); (8) Costa, 1884 (sub *C. opuntiae*); (11) de Carlini, 1885; (13) Garneri, 1902 (sub *Cyrtophora citricola*); (84) Pesarini, 1994.

PROVINCE. (13, 84); Cagliari (8, 13, ined.); Carbonia-Iglesias (3, 11, 13); Oristano (7a, 8, 13).

HABITAT. On agaves (8).

EXAMINED MATERIAL. CAGLIARI: Villasimius, around the village, 1 female 25.VI.2010 leg. Zucchini D. (MBG).

***Gibbaranea bituberculata*** (Walckenaer, 1802)

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884 (sub *Epeira dromedaria*); (13) Garneri, 1902 (sub *Epeira dromedaria*); (63) Brignoli, 1979c; (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (8, 63, 84); Cagliari (13); Carbonia-Iglesias (139); Ogliastra (13).

***Gibbaranea gibbosa*** (Walckenaer, 1802)

CHOROTYPE. European.

REFERENCES. (10) Costa, 1885 (sub *Epeira gibbosa*); (84) Pesarini, 1994; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (84); Carbonia-Iglesias (139); Nuoro (10); Sassari (132).

***Gibbaranea omodea*** (Thorell, 1870)

CHOROTYPE. Sibero-European.

REFERENCES. (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (139).

***Hypsosinga albovittata*** (Westring, 1851)

CHOROTYPE. Sibero-European.

REFERENCES. (10) Costa, 1885 (sub *Singa albovittata*); (84) Pesarini, 1994.

PROVINCE. (84); Oristano (10).

***Hypsosinga pygmaea*** (Sundevall, 1831)

CHOROTYPE. Holarctic.

REFERENCES. (10) Costa, 1885 (sub *Singa pygmaea*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (10); Oristano (10).

***Hypsosinga sanguinea*** (C.L. Koch, 1844)

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885 (sub *Singa sanguinea*).

PROVINCE. Carbonia-Iglesias (10).

***Larinioides cornutus*** (Clerck, 1757)

CHOROTYPE. Holarctic.

REFERENCES. (8) Costa, 1884 (sub *Epeira cornuta*); (13) Garneri, 1902 (sub *Epeira cornuta*); (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (8, 13); Oristano (139).

***Larinioides patagiatus*** (Clerck, 1757)

CHOROTYPE. Holarctic.

REFERENCES. (10) Costa, 1885 (sub *Epeira patagiata* (*dumetorum* hbn.)); (13) Garneri, 1902 (sub *Epeira patagiata*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Oristano (10, 13).

***Larinioides suspicax*** (O.P.-Cambridge, 1876)

CHOROTYPE. European.

REFERENCES. (70) Grasshoff, 1983 (sub *L. folium*); (116) Helsdingen, 2005.

PROVINCE. Nuoro (116); Olbia-Tempio (70).

HABITAT. In the centre of the city (116).

***Leviellus kochi*** (Thorell, 1870)

CHOROTYPE. S-European.

REFERENCES. (41) Brignoli, 1971c (sub *Zygiella kochi*); (46) Thermes, 1972 (sub *Zygiella kochi*); (52) Puddu & Pirodda, 1974 (sub *Zygiella kochi*); (63) Brignoli, 1979c (sub *Zygiella kochi*); (83) Pons, 1993 (sub *Zygiella kochi*); (84) Pesarini, 1994 (sub *Zygiella kochi*).

PROVINCE. (63, 84); Carbonia-Iglesias (41, 46, 52, 83).

HABITAT. Hypogean habitat (41, 46, 52, 83).

***Mangora acalypha*** (Walckenaer, 1802)

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885 (sub *Epeira acalypha*); (13) Garneri, 1902 (sub *Epeira acalypha*); (63) Brignoli, 1979c; (84) Pesarini, 1994; (114) Grill et al., 2005; (127) Loru et al., 2008; (132) Pantini & Sassu, 2009; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (84, 114, 127); Cagliari (13, 63); Carbonia-Iglesias (10, 13, 139); Medio Campidano (139); Nuoro (10, 63, ined.); Ogliastra (13, 63); Olbia-Tempio (10, 133); Oristano (10, 63); Sassari (63, 132, ined.).

HABITAT. Grass and shrubland, shrublands and trees, agricultural land (114); hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Tiana, m 522, hazelnut-orchard, beating tray, 1 female 16.VI.2005, 1 male 1.VI.2005 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Olbia, Isola Tavolara, macchia alta, 2 males, 2 females and 11 juv. 24.IV.1966 leg. Gruppo Isole CNR (MBG).

SASSARI: Sassari, Platamona, at sea level, 1 male and 1 female 22.V.2008 leg. Sassu A. (ISE).

***Neoscona adianta*** (Walckenaer, 1802)

CHOROTYPE. Palearctic.

REFERENCES. (5) Pavesi, 1878 (sub *Epeira adianta*); (8) Costa, 1884 (sub *Epeira adianta*); (13) Garneri, 1902 (sub *Epeira adianta*); (63) Brignoli, 1979c; (84) Pesarini, 1994; (114) Grill et al., 2005; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (84, 114); Cagliari (13, 63); Carbonia-Iglesias (13, 139); Medio Campidano (139); Nuoro (63, 139); Ogliastra (63); Olbia-Tempio (5, 13, ined.); Oristano (13, 63); Oristano/Nuoro (8); Sassari (63, 132, ined.).

HABITAT. Low shrubs, grass and shrubland (114); vineyard (ined.).

EXAMINED MATERIAL. OLBIA-TEMPIO: Telti, Rio Almiddina, 1 male 20.V.2008 leg. Sassu A. (ISE).

SASSARI: Torralba, vineyard, 2 juv. 21.V.1994, 1 female and 1 juv. 4.VI.1994, 1 fe-

male 17.VI.1995, 1 male 24.VI.1995 leg. Ist. Ent. SS (ISE).

***Neoscona subfusca*** (C.L. Koch, 1837)

CHOROTYPE. Turano-European.

REFERENCES. (10) Costa, 1885 (sub *Epeira dalmatica*); (63) Brignoli, 1979c (sub "*Araneus*" *subfusca*); (127) Loru et al., 2008; (139) Trotta, 2011.

PROVINCE. (63, 127); Cagliari (10); Carbonia-Iglesias (139); Nuoro (139, ined.); Olbia-Tempio (ined.); Sassari (ined.).

HABITAT. Hazelnut-orchard (127, ined.); olive-grove (ined.); forest of *Quercus suber* (ined.); vineyard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 male 13.VII.2005, leg. I.S.E. (ISE).

OLBIA-TEMPIO: Buddusò, near Nuraghe Loelle, forest of *Quercus suber*, beating tray, 1 female 16.VII.1999, leg. Ist. Ent. SS (ISE).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 male, 13.X.2009, leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 male 25.VI.1993, 1 male 1.VII.1993 leg. Ist. Ent. SS (ISE). Torralba, vineyard, 1 female 16.VII.1994, 1 male 2.VII.1994, 1 male 15.VII.1995, leg. Ist. Ent. SS (ISE); vineyard, beating tray, 1 male 6.VIII.1994 leg. Pirisi (ISE).

***Parazygiella montana*** (C.L. Koch, 1834)

CHOROTYPE. S-European.

REFERENCES. (13) Garneri, 1902 (sub *Zilla montana*); (63) Brignoli, 1979c (sub *Zygiella montana*); (84) Pesarini, 1994 (sub *Zygiella montana*).

PROVINCE. (63, 84); Nuoro/Ogliastra (13).

***Singa hamata*** (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902; (63) Brignoli, 1979c; (84) Pesarini, 1994.

PROVINCE. (63, 84); Cagliari (13); Carbonia-Iglesias (13).

***Zilla diodia*** (Walckenaer, 1802)

CHOROTYPE. Sibero-European.

REFERENCES. (10) Costa, 1885 (sub *Epeira dioi-dia*); (13) Garneri, 1902 (sub *Epeira diodia*); (63) Brignoli, 1979c; (84) Pesarini, 1994; (114) Grill et al., 2005; (127) Loru et al., 2008.

PROVINCE. (84, 114, 127); Cagliari (13, 63); Carbonia-Iglesias (10, 13); Nuoro (ined.); Ogliastra (13); Olbia-Tempio (10); Sassari (ined.).

HABITAT. Orchard (ined.); low shrubs (14); hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 male 19.V.2005 leg. I.S.E. (ISE).

SASSARI: Sassari, Platamona, at sea level, 1 female 22.V.2008 leg. Sassu A. (ISE). Sorso, Pianu Mannu, Nali farm, orchard, beating tray, 1 male 22.IV.1998 leg. Ist. Ent. SS (ISE).

### *Zygiella atrica* (C.L. Koch, 1845)

CHOROTYPE. European.

REFERENCES. (10) Costa, 1885 (sub *Zilla atrica*); (11) de Carlini, 1885 (sub *Zilla atrica*); (13) Garneri, 1902 (sub *Zilla atrica*); (63) Brignoli, 1979c; (84) Pesarini, 1994.

PROVINCE. (63, 84); Cagliari (10); Carbonia-Iglesias (11, 13); Ogliastra (13).

### *Zygiella x-notata* (Clerck, 1757)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902 (sub *Zilla x-notata*); (41) Brignoli, 1971c; (46) Thermes, 1972; (63) Brignoli, 1979c; (72) Puddu, 1983; (83) Pons, 1993; (84) Pesarini, 1994; (94) Arnò et al., 1998; (127) Loru et al., 2008; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (63, 84, 127); Cagliari (ined.); Carbonia-Iglesias (41, 139); Medio Campidano (139); Nuoro (ined.); Ogliastra (13, 46, 72); Sassari (83, 94, 132, ined.).

HABITAT. Citrus-grove (ined.); avenue of lime trees (94); hypogean habitat (41, 46, 72, 83); cherry-orchard (ined.); orchard (ined.); inside house (ined.); in orto (ined.); hazelnut-orchard (127, ined.); olive-grove (ined.); vineyard (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 2 males 31.VIII.2000, 1 male and 1 female 21.IX.2000, 4 fe-

males 4.X.2000, 1 female 12.X.2000, 6 females 23.X.2000, 1 female 2.XI.2000, 2 females 23.XI.2000, 2 females 4.XII.2000 leg. CRAS (ISE).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 female 4.X-26.XI.2007, 1 female 22-29.II.2008 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 female 8-15.XI.2004 (MBG) (all in bark traps and leg. I.S.E.). Tiana, m 522, hazelnut-orchard, beating tray, 1 female 21.IX.2005, 1 male 4.X.2005, leg. I.S.E. (ISE).

SASSARI: Alghero, inside house, 1 male 21.XII.1999 leg. Pantaleoni R.A. (ISE); Mamuntanas, olive-grove, chemical knockdown, 1 male 6.IX.2009, 1 male 7.X.2009 leg. Ist. Ent. SS (ISE). Osilo, in a vegetable garden, 1 male 20.X.1999 (ISE). Sassari, Li Punti, Balinca, m 110, inside house, 1 female 23.V.2008 leg. Sassu A. (ISE); Lu Buttangaru, olive-grove, chemical knockdown, 1 male 29.IX.2009 leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, orchard, bark traps, 1 female 2-9.XII.1997 leg. Ist. Ent. SS (ISE). Torralba, vineyard, 1 male 9.IX.1995, 1 female 7.X.1995 leg. Ist. Ent. SS (ISE); vineyard, beating tray, 2 males 30.IX.1995 leg. Pirisi (ISE).

REMARKS ON FAMILY ARANEIDAE. *Singa aussereri* Thorell, 1873 cited by Costa (1884, sub *S. rufula*); Garneri (1902, sub *S. rufula*); Brignoli (1979c, sub *Hypsosinga aussereri*) e Pesarini (1994, sub *Hypsosinga aussereri*) was considered a species inquirenda by Thaler & Knoflach (2003) and therefore excluded from the catalogue. *Singa simoniana* Costa, 1885 described by Costa in the Campidano Cagliari area is a species inquirenda (Brignoli, 1979: 27) and therefore excluded from the catalogue.

## Family LYCOSIDAE

### *Allocosa oculata* (Simon, 1876)

CHOROTYPE. W-Mediterranean.

REFERENCES. (13) Garneri, 1902 (sub *Lycosa oculata*).

PROVINCE. Oristano (13).

### *Alopecosa accentuata* (Latreille, 1817)

CHOROTYPE. Sibero-European.



REFERENCES. (13) Garneri, 1902 (sub *Lycosa accentuata*); (84) Pesarini, 1994.

PROVINCE. (84); Nuoro/Ogliastra (13).

***Alopecosa albofasciata*** (Brullé, 1832)

CHOROTYPE. Turano-Mediterranean.

REFERENCES. (10) Costa, 1885 [sub *Lycosa albofasciata* (*sagittata* K.)]; (13) Garneri, 1902 (sub *Lycosa albofasciata*); (20) Krauss, 1955 (sub *Xerolycosa albofasciata*); (36) Lugetti & Tongiorgi, 1969; (84) Pesarini, 1994; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. - (20, 84); Cagliari (10, 13, 36); Carbonia-Iglesias (10, 13, 139); Medio-Campidano (ined.); Nuoro (36, ined.); Nuoro/Ogliastra (36); Ogliastra (13); Olbia-Tempio (36); Sassari (36, 132).

HABITAT. Cherry-orchard (ined.); garrigue (ined.); mediterranean maquis (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: *Arbus*, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 male 19.V-4.VI.2009. (ISE); m 200, garrigue, 1 male 5-19.V.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). *Guspini*, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 2 males 21.IV-5.V.2009, 3 males 5-18.V.2009, 1 male and 1 female 18.V-3.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: *Belvì*, Antonitzò, m 683, cherry-orchard, 1 male 16-23.V.2007 (ISE); Canale e' Figù, m 576, walnut-orchard, 1 male 26.IV-4.V.2007, 4 males and 1 female 16-23.V.2007, 2 females 21-28.VI.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 3 males and 3 females 18-26.IV.2007, 4 males and 6 females 11-18.IV.2007, 11 males 16-23.V.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 6 males and 2 females 19.III-26.IV.2007 (MBG), 2 males and 1 female, 19.III-26.IV.2007 (ISE), 17 males and 1 female, 30.V-4.VII.2007 (MBG) (all pitfall traps and leg. I.S.E.). *Tonara*, Su Azzime, m 682, walnut-orchard, pitfall traps, 3 males 16-23.V.2007 leg. I.S.E. (ISE).

***Alopecosa fabrilis*** (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *Lycosa fabrilis*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Nuoro (ined.); Ogliastra (13); Oristano (13).

HABITAT. Under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. NUORO: *Fonni*, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 male 26.IX-10.X.2006 leg. Fiori F. (ISE).

***Alopecosa laciniosa*** (Simon, 1876)

CHOROTYPE. W-Mediterranean.

REFERENCES. (13) Garneri, 1902 (sub *Lycosa laciniosa*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

REMARKS. The presence of this species in Italy requires further confirmation as stated by Lugetti & Tongiorgi (1969: 76).

***Alopecosa pulverulenta*** (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (6) Magretti, 1880 (sub *Tarentula pulverulenta*); (10) Costa, 1885 [sub *Lycosa pulverulenta* (*cuineata*, K.)]; (13) Garneri, 1902 (sub *Lycosa pulverulenta*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (10); Carbonia-Iglesias (13); Ogliastra (13); Oristano (6, 13).

***Arctosa cinerea*** (Fabricius, 1777)

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884 (sub *Lycosa cinerea*); (13) Garneri, 1902 (sub *Lycosa cinerea*); (20) Krauss, 1955; (84) Pesarini, 1994; (132) Pantini & Sassu, 2009.

PROVINCE. (8, 20, 84); Cagliari (13); Carbonia-Iglesias (13); Ogliastra (13); Oristano (13); Sassari (132).

HABITAT. Common on the banks of rivers (8).

***Arctosa fulvolineata*** (Lucas, 1846)

CHOROTYPE. European-Mediterranean.

REFERENCES. (84) Pesarini, 1994.

PROVINCE. (84).

***Arctosa lacustris*** (Simon, 1876)

CHOROTYPE. S-European.



REFERENCES. (24) Lugetti & Tongiorgi, 1965; (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (24); Medio Campidano (139).

***Arctosa leopardus*** (Sundevall, 1833)

CHOROTYPE. Asiatic-European.

REFERENCES. (10) Costa, 1885 (sub *Lycosa leopardus*); (13) Garneri, 1902 (sub *Lycosa leopardus*); (20) Krauss, 1955 (sub *Megarctosa leopardus*); (24) Lugetti & Tongiorgi, 1965; (84) Pesarini, 1994.

PROVINCE. (20, 24, 84); Cagliari (13); Cagliari/Oristano (13); Carbonia-Iglesias (10); Ogliastra (13).

***Arctosa perita*** (Latreille, 1799)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902 (sub *Lycosa perita*); (84) Pesarini, 1994; (117) Buchar et al., 2006.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (13); Ogliastra (13); Olbia-Tempio (117).

***Arctosa personata*** (L. Koch, 1872)

CHOROTYPE. Mediterranean.

REFERENCES. (10) Costa, 1885 (sub *Lycosa personata*).

PROVINCE. Cagliari (10); Sassari (10).

***Arctosa similis*** Schenkel, 1938

CHOROTYPE. Mediterranean.

REFERENCES. (117) Buchar et al., 2006; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. Cagliari (117); Carbonia-Iglesias (139); Sassari (132).

HABITAT. Riverbank with gravel (117).

***Arctosa variana*** C.L. Koch, 1847

CHOROTYPE. Turano-Mediterranean.

REFERENCES. (24) Lugetti & Tongiorgi, 1965; (24) Lugetti & Tongiorgi, 1965 (sub *A. perita latitorax*); (84) Pesarini, 1994; (117) Buchar et al., 2006.

PROVINCE. (24, 84); Cagliari (24); Medio Campidano (117).

HABITAT. On muddy shore (117).

***Aulonia albimana*** (Walckenaer, 1805)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Nuoro/Ogliastra (13).

***Hogna radiata*** (Latreille, 1817)

CHOROTYPE. Centralasiatic-European.

REFERENCES. (3) Pavesi, 1876 (sub *Tarentula radiata* var. *liguriensis*); (8) Costa, 1884 (sub *Lycosa radiata*); (11) de Carlini, 1885 (sub *Tarentula radiata*); (13) Garneri, 1902 (sub *Lycosa balearica*); (20) Krauss, 1955; (41) Brignoli, 1971c (sub *Lycosa radiata*); (84) Pesarini, 1994; (132) Pantini & Sassu, 2009; (133) Trotta, 2009.

PROVINCE. (20, 84); Cagliari (13); Carbonia-Iglesias (3, 11, 13); Medio-Campidano (ined.); Nuoro (8, 13, ined.); Olbia-Tempio (13, 41); Oristano (13); Sassari (132, 133, ined.).

HABITAT. Hypogean habitat (41); cherry-orchard (ined.); garrigue (ined.); mediterranean maquis (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.); under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 male and 1 female 28.VII-10.VIII.2009, 1 male 10-25.VIII.2009 (ISE); m 200, garrigue, 1 female 10-25.VIII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 male 25.VIII-8.IX.2009, 3 males 10-25.VIII.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvì, Canale e' Figù, m 576, walnut-orchard, 1 male 24-30.VIII.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 male 24-30.VIII.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 2 females 27.VII-8.VIII.2006 (ISE), 1 male, 13-27.VII.2006, 1 male 27.VII-8.VIII.2006, 2 males 8-24.VIII.2006 (MBG) (all pitfall traps and leg. I.S.E.). Fonni, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 male 19.VII-2.VIII.2006 leg. Fiori F. (ISE). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 male and 1 female, 17-24.VII.2007, leg. I.S.E. (ISE).

OLBIA-TEMPIO: Olbia, Isola Tavolara, 1 female 24.II.1966 leg. Gruppo Isole C.N.R. (MBG).

***Lycosa narbonensis*** Walckenaer, 1806

CHOROTYPE. Mediterranean.

REFERENCES. (13) Garneri, 1902; (46) Thermes, 1972.

PROVINCE. Ogliastra (46); Sassari (13).

HABITAT. Hypogean habitat (46).

***Pardosa cribrata*** Simon, 1876

CHOROTYPE. S-European.

REFERENCES. (26) Tongiorgi, 1966; (84) Pesarini, 1994.

PROVINCE. (26, 84).

***Pardosa gefsana*** Roewer, 1959

CHOROTYPE. W-Mediterranean.

REFERENCES. (26) Tongiorgi, 1966 (sub *P. naevia*); (80) Tongiorgi & Sola, 1991 (sub *P. nigrister-nis*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (80); Medio Campidano (26); Oristano (80).

HABITAT. Edge of brackish pond (80); salt marshes (80).

REMARKS. The citation of *P. naevia* around the Guspini area (Tongiorgi, 1966) is later corrected in *P. nigrister-nis* (Tongiorgi & Sola, 1991: 241). Pesarini reports *P. naevia* in his Checklist maybe because he was not aware of the publication or maybe deceived by a printing error. On page 241 Tongiorgi & Sola's article states in fact: "A revision of the Italian Wolf Spiders of the Genus *Pardosa* by Tongiorgi (1966) had assigned, with reserve, three female specimens of a species collected in Sardinia to *Pardosa naevia* ... thus, our specimens are now more correctly assigned to the closely related *Pardosa naevia* Denis, 1966 (figure 1)." It seems evident (even from the subtitle of the figure) that it is actually assigned to *P. nigrister-nis* later synonymised with *P. gefsana* (Alderweireldt & Jocqué, 1992)

***Pardosa hortensis*** (Thorell, 1872)

CHOROTYPE. Palearctic.

REFERENCES. (6) Magretti, 1880 (sub *Lycosa hortensis*); (13) Garneri, 1902.

PROVINCE. Cagliari (13); Medio Campidano (6); Nuoro (ined.); Oristano (6, 13).

HABITAT. Alder-grove (ined.); under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. NUORO: Desulo, Gennargentu, mountain refuge, m 1500, alder-grove, pitfall traps, 2 males 11-25.VII.2006 leg. Fiori F. (ISE). Fonni, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 male 19.VI-1.VII.2007 leg. Fiori F. (ISE).

***Pardosa nigra*** (C.L. Koch, 1834)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Nuoro/Ogliastra (13).

***Pardosa occidentalis*** Simon, 1881

CHOROTYPE. W-Mediterranean.

REFERENCES. (53) Tongiorgi, 1974.

PROVINCE. Medio Campidano (53).

***Pardosa prativaga*** (L. Koch, 1870)

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902 (sub *P. fervida*).

PROVINCE. Cagliari (13); Nuoro (ined.).

HABITAT. Hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 male 19.III-26.IV.2007 leg. I.S.E. (ISE).

***Pardosa proxima*** (C.L. Koch, 1847)

CHOROTYPE. Sibero-European.

REFERENCES. (5) Pavesi, 1878 (sub *Lycosa proxima*); (8) Costa, 1884; (13) Garneri, 1902; (20) Krauss, 1955; (84) Pesarini, 1994; (132) Pantini & Sassu, 2009.

PROVINCE. (20, 84); Cagliari (8, 13); Carbonia-Iglesias (13); Medio-Campidano (ined.); Nuoro (ined.); Olbia-Tempio (5, 13); Sassari (132).

HABITAT. Cherry-orchard (ined.); garrigue (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.); alder-grove (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 male and 1 female 18.V-3.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvì, Antonitzò, m 683, cherry-orchard, 2 males and 2 females, 11-18.IV.2007 (ISE); Canale e' Figu, m 576, walnut-orchard, 1 female 17-24.VII.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 female 11-18.IV.2007, 6 males and 4 females 21-28.VI.2007, 3 males and 1 female, 17-24.VII.2007, 1 male 24-30.VIII.2007, 6 males and 3 females 22-29.II.2008 (ISE); Su Enazzu, m 550, hazelnut-orchard, 3 females 27.VII-8.VIII.2006, 1 male and 4 females, 13-27.VII.2006, 5 males 21.II-19.III.2007, 1 male and 1 female, 19.III-26.IV.2007, 1 male and 3 females, 26.IV-30.V.2007, 1 female 30.V-4.VII.2007 (MBG), 2 males and 3 females, 30.V-4.VII.2007 (ISE) (all pitfall traps and leg. I.S.E.). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, pitfall traps, 1 female 19.VII-2.VIII.2006, 1 female 17-30.VIII.2006 leg. Fiori F. (ISE).

REMARKS. *P. proxima* is easily confused with the similar species *P. vlijmi* known in France and recently found in Northern Italy. The separation of the two species is very clear when considering courtship displays while from a morphological point of view, only the males are identifiable (Isaia in litteris). While awaiting the results of current research, all specimens examined have been assigned to *P. proxima*.

***Pardosa pullata*** (Clerck, 1757)

CHOROTYPE. Sibero-European.  
REFERENCES. (13) Garneri, 1902.  
PROVINCE. Ogliastra (13).

***Pardosa tatarica*** (Thorell, 1875)

CHOROTYPE. Palearctic.  
REFERENCES. (13) Garneri, 1902 (sub *P. strigilata*); (26) Tongiorgi, 1966 (sub *P. strigillata*); (84) Pesarini, 1994 (sub *Pardosa strigillata*).

PROVINCE. (84); Cagliari (13, 26); Carbonia-Iglesias (13); Ogliastra (13); Sassari (26).

REMARKS. Buchar & Thaler (2002: 446) consider this species and *P. strigillata* as synonyms of *P. atomaria*.

***Pirata knorri*** (Scopoli, 1763)

CHOROTYPE. Palearctic.  
REFERENCES. (13) Garneri, 1902.  
PROVINCE. Ogliastra (13).

***Pirata latitans*** (Blackwall, 1841)

CHOROTYPE. European.  
REFERENCES. (13) Garneri, 1902; (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (139); Nuoro (ined.); Ogliastra (13).

HABITAT. Hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvì, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 male 30.V-4.VII.2007 leg. I.S.E. (ISE).

***Pirata piraticus*** (Clerck, 1757)

CHOROTYPE. Holarctic.  
REFERENCES. (10) Costa, 1885; (13) Garneri, 1902; (20) Krauss, 1955 (sub *P. piratica*); (139) Trotta, 2011.

PROVINCE. Cagliari (ined.); Carbonia-Iglesias (13, 139); Oristano (10); Sassari (20).

EXAMINED MATERIAL. CAGLIARI: Pula, m 715, 1 female 18.VIII.2006 leg. Ruzzante Wilkin J. (MBG).

***Pirata piscatorius*** (Clerck, 1757)

CHOROTYPE. Sibero-European.  
REFERENCES. (10) Costa, 1885; (13) Garneri, 1902.  
PROVINCE. Cagliari (13); Carbonia-Iglesias (10); Oristano (13).

**\**Pirata tenuitarsis*** Simon, 1876

CHOROTYPE. Asiatic-European.  
HABITAT. Alder-grove (ined.).  
EXAMINED MATERIAL. NUORO: Desulo, Gennargentu, mountain refuge, m 1500, alder-grove, pitfall traps, 2 females 11-25.VII.2006, 1 female 25.VII-9.VIII.2006 leg. Fiori F. (ISE). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, pitfall traps, 1 female 17-30.VIII.2006, 1 female 2-17.VIII.2006, 3 males 19.VI-1.VII.2007 leg. Fiori F. (ISE).

***Trochosa hispanica*** Simon, 1870

CHOROTYPE. Turano-Mediterranean.

REFERENCES. (13) Garneri, 1902 (sub *Lycosa caliginosa*); (20) Krauss, 1955; (84) Pesarini, 1994.

PROVINCE. (20, 84); Carbonia-Iglesias (13); Nuoro (ined.).

HABITAT. Cherry-orchard (ined.); hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 male 11-18.IV.2007, 1 male 18-26.IV.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 3 males, 1 female and 1 juv. 24.VIII-5.IX.2006 (MBG), 2 males 8-24.VIII.2006 (ISE), 3 males, 1 female and 1 juv. 5-21.IX.2006, 4 males and 1 juv. 21.IX-5.X.2006, 1 male and 1 female 5-16.X.2006, 1 male 16-31.X.2006, 1 male 21.II-19.III.2007, 71 males and 2 females 19.III-26.IV.2007, 26 males 26.IV-30.V.2007 (MBG), 13 males and 1 female 30.V-4.VII.2007 (ISE), 86 males 30.V-4.VII.2007 (MBG) (all pitfall traps and leg. I.S.E.).

***Trochosa ruricola*** (De Geer, 1778)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902 (sub *Lycosa ruricola*).

PROVINCE. Cagliari (13); Nuoro/Ogliastra (13); Oristano (13).

***Trochosa terricola*** Thorell, 1856

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902 (sub *Lycosa terricola*).

PROVINCE. Cagliari (13); Cagliari/Oristano (13); Ogliastra (13).

***Xerolycosa nemoralis*** (Westring, 1861)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *Lycosa nemoralis*).

PROVINCE. Cagliari (13); Cagliari/Oristano (13); Ogliastra (13).

REMARKS ON FAMILY LYCOSIDAE. *Pardosa agricola* (Thorell, 1856) is cited in Sardinia by Garneri

(1902). The presence of this species in Italy is very doubtful, Tongiorgi (1966: 284) has never seen Italian specimens of this species and there have not been recent reports. It is possible that old reports are due to mistaken identification of other species of *Pardosa* of the *monticola* group. It was decided therefore not to include this species in the catalogue.

## Family PISAURIDAE

***Dolomedes plantarius*** (Clerck, 1757)

CHOROTYPE. Sibero-European.

REFERENCES. (20) Krauss, 1955 (sub *D. clercki*); (84) Pesarini, 1994.

PROVINCE. (84); Sassari (20).

***Pisaura mirabilis*** (Clerck, 1757)

CHOROTYPE. Asiatic-European.

REFERENCES. (8) Costa, 1884 (sub *Ocyale mirabilis*); (13) Garneri, 1902 (sub *Ocyale mirabilis*); (20) Krauss, 1955; (59) Brignoli, 1977; (74) Brignoli, 1984 (sub "Form A"); (84) Pesarini, 1994; (127) Loru et al., 2008; (139) Trotta, 2011.

PROVINCE. (13, 20, 84, 127); Cagliari (59, 74); Carbonia-Iglesias (59, 139); Medio Campidano (59, 139); Nuoro (59, ined.); Ogliastra (59); Olbia-Tempio (59); Oristano/Nuoro (8); Sassari (59, ined.).

HABITAT. Orchard (ined.); hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 female 16.VI.2005 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Loiri-Porto San Paolo, Porto S. Paolo, 1 juv. 27.XI.1966 leg. Gruppo Isole C.N.R. (MBG). Olbia, Isola Tavolara, 1 juv. 24.IV.1966 leg. Gruppo Isole C.N.R. (MBG).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 male 15-22.IV.1998 leg. Ist. Ent. SS (ISE).

***Pisaura quadrilineata*** (Lucas, 1838)

CHOROTYPE. Mediterranean.

REFERENCES. (74) Brignoli, 1984 (sub "Form D"); (84) Pesarini, 1994 (sub *P. maderiana*); (132) Pantini & Sassu, 2009.

PROVINCE. (84); Ogliastra (74); Sassari (132).



## Family OXYOPIDAE

*Oxyopes heterophthalmus* (Latreille, 1804)

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884; (11) de Carlini, 1885; (13) Garneri, 1902; (59) Brignoli, 1977; (84) Pesarini, 1994; (114) Grill et al., 2005; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (8, 84, 114); Cagliari (13); Carbonia-Iglesias (11, 13, 139); Medio Campidano (139); Ogliastra (13); Olbia-Tempio (59); Oristano (13); Sassari (132, ined.).

HABITAT. Low shrubs, shrublands and trees, agricultural land (114).

EXAMINED MATERIAL. OLBIA-TEMPIO: Loiri-Porto San Paolo, Porto S. Paolo, 2 males 1.V.1964 leg. Gruppo Isole C.N.R. (MBG).

*Oxyopes lineatus* Latreille, 1806

CHOROTYPE. Turano-European.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (8, 84); Cagliari (13); Nuoro (ined.).

HABITAT. Hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 female 27.VII-8.VIII.2006 leg. I.S.E. (ISE).

*Oxyopes nigripalpis* Kulczyński, 1891

CHOROTYPE. Mediterranean.

REFERENCES. (127) Loru et al., 2008; (139) Trotta, 2011.

PROVINCE. (127); Carbonia-Iglesias (139); Nuoro (ined.); Sassari (ined.).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 2 females 27.VII.2005 leg. I.S.E. (ISE).

SASSARI: Sassari, Platamona, at sea level, 1 male 22.V.2008 leg. Sassu A. (ISE).

## Family ZOROPSIDAE

*Zoropsis media* Simon, 1878

CHOROTYPE. W-Mediterranean.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Cagliari (13).

*Zoropsis spinimana* (Dufour, 1820)

CHOROTYPE. Mediterranean.

REFERENCES. (8) Costa, 1884 (sub *Z. ocreata*); (13) Garneri, 1902 (sub *Z. ocreata*); (84) Pesarini, 1994; (94) Arnò et al., 1998; (95) Thaler & Knoflach, 1998; (127) Loru et al., 2008; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (84, 127); Cagliari (13, 139); Carbonia-Iglesias (13, 139); Medio-Campidano (ined.); Nuoro (95, ined.); Olbia-Tempio (133); Oristano (8, 13); Sassari (94, ined.).

HABITAT. Avenue of lime trees (94); orchard (ined.); inside house (ined.); mediterranean maquis (ined.); hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 male 21.IV-5.V.2009, 1 male and 2 females 18.V-3.VI.2009, 1 female 15-30.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, bark traps, 1 female 16-23.VI.2005, 1 juv. 14.VII.2005, 1 female 21-29.IX.2005, 1 female 29.IX-6.X.2005 (MBG), 1 male 29.IX-6.X.2005 (ISE), 2 males 6-12.X.2005. (MBG) (all leg. I.S.E.). Tiana, m 522, hazelnut-orchard, bark traps, 1 female 17-26.VIII.2005 leg. I.S.E. (ISE).

SASSARI: Sassari, inside house, 1 male, 6.II.2008, 1 female 1.I.2004 leg. Sassu A. (ISE). Sorso, Pianu Mannu, Nali farm, orchard, bark traps, 1 male and 1 female 24.XI-2.XII.1997 leg. Ist. Ent. SS (ISE).

## Family ZORIDAE

*\*Zora manicata* Simon, 1878

CHOROTYPE. Europeo-Mediterranean.

HABITAT. Walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Canale e' Figù, m 576, walnut-orchard, pitfall traps, 1 male 26.IV-4.V.2007 leg. I.S.E. (ISE).

*Zora spinimana* (Sundevall, 1833)

CHOROTYPE. Palearctic.

REFERENCES. (20) Krauss, 1955.

PROVINCE. (20).

## Family AGELENIDAE

### *Agelena labyrinthica* (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (20) Krauss, 1955; (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (20, 84); Cagliari (13); Carbonia-Iglesias (13, 139); Oristano (8, 13).

### *Allagelena gracilens* (C.L. Koch, 1841)

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902 (sub *Agelena similis*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

### *Aterigena soriculata* (Simon, 1873)

CHOROTYPE. Sardo-Corsican endemic.

REFERENCES. (13) Garneri, 1902 (sub *Tegenaria soriculata*); (84) Pesarini, 1994 (sub *Tegenaria soriculata*).

PROVINCE. (13, 84); Nuoro/Ogliastra (13); Sassari (20).

REMARKS. The presence in Sardinia of this species is doubtful, the citation by Krauss (1955) concerns *T. parietina* (Bolzern et al., 20: 776).

### *Lycosoides coarctata* (Dufour, 1831)

CHOROTYPE. Mediterranean.

REFERENCES. (3) Pavesi, 1876 (sub *Textrix coarctata*); (6) Magretti, 1880 (sub *Textrix coarctata*); (10) Costa, 1885 (sub *Textrix coarctata*); (11) de Carlini, 1885 (sub *Textrix coarctata*); (13) Garneri, 1902 (sub *Textrix Coarctata*); (20) Krauss, 1955 (sub *Textrix Coarctata*); (37) Argiolas et al., 1970 (sub *Textrix coarctata*); (59) Brignoli, 1977 (sub *Textrix coarctata*); (84) Pesarini, 1994; (132) Pantini & Sassu, 2009.

PROVINCE. (84); Cagliari (6, 13, 37, 59, ined.); Carbonia-Iglesias (3, 6, 11, 13, 59); Medio Campi-

dano (ined.); Olbia-Tempio (59); Oristano (10, 13, ined.); Sassari (6, 13, 20, 59, 132, ined.).

HABITAT. Hypogean habitat (20, 37); orchard (ined.); garrigue (ined.); garden (ined.); inside house (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. CAGLIARI: Domus de Maria, Punta su Pisu, m 14, 2 males and 2 females XII.2006 leg. Ruzzante (MBG).

MEDIO CAMPIDANO: Arbus, Ingurtosu, Narcauli, m 170, mining landfills covered by pioneer plants, 2 males 6-20.X.2009 (ISE); m 200, garrigue, 1 male 6-20.X.2009 (MBG) (all pitfall traps and leg. Sassu A., Verdinelli M.).

ORISTANO: Bonarcado, residential area, m 283, garden, 1 male 25.X.2008 leg. Sassu A. (ISE).

OLBIA-TEMPIO: Olbia, Isola Molaru, 8 female 25.II.1966, 1 female, 20.IV.1966, 11 females, 25.XI.1966 (MBG); Isola Tavolara, 2 females, 26.XI.1966 (MBG) (all leg. Gruppo Isole C.N.R.).

SASSARI: Alghero, 1 male, leg. Pantaleoni R.A. (ISE). Ozieri, 1 female 21.III.1978 leg. Bianchi R., Moretti G. (MBG). Sassari, inside house, 1 male 9.X.2007 leg. Cesaroni C. (ISE). Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 male 20-27.X.1997 (ISE); orchard, bark traps, 1 female 2-9.XII.1997 (ISE) (all leg. Ist. Ent. SS).

### *Malthonica campestris* (C.L. Koch, 1834)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902 (sub *Tegenaria campestris*); (84) Pesarini, 1994 (sub *Tegenaria campestris*).

PROVINCE. (84); Nuoro/Ogliastra (13).

### *Malthonica dalmatica* (Kulczyński, 1906)

CHOROTYPE. Turano-European-Mediterranean.

REFERENCES. (20) Krauss, 1955 (sub *Tegenaria pagana*); (39) Brignoli, 1971a (sub *Tegenaria drescovi*); (84) Pesarini, 1994 (sub *Tegenaria drescovi*); (87) Wunderlich, 1995b (sub *Tegenaria henroti*); (124) Bolzern et al., 2008.

PROVINCE. (84); Nuoro (ined.); Ogliastra (87, 124); Sassari (20, 39, 124).

HABITAT. Hypogean habitat (20, 39, 124); hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su

Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 male 10-31.X.2006 leg. I.S.E. (ISE).

***Malthonica eleonora*** Brignoli, 1974

CHOROTYPE. Sardinian endemic.

REFERENCES. (39) Brignoli, 1971a (sub *Tegenaria henroti*); (51) Brignoli, 1974 (sub *Tegenaria eleonora*); (59) Brignoli, 1977 (sub *Tegenaria eleonora*); (83) Pons, 1993 (sub *Tegenaria eleonora*); (84) Pesarini, 1994 (sub *Tegenaria eleonora*); (124) Bolzern et al., 2008.

PROVINCE. (84); Carbonia-Iglesias (39, 51, 59, 83, 124); Ogliastra (59, 124).

HABITAT. Hypogean habitat (39, 51, 83, 124).

***Malthonica pagana*** (C.L. Koch, 1840)

CHOROTYPE. Subcosmopolitan.

REFERENCES. (6) Magretti, 1880 (sub *Tegenaria pagana*); (13) Garneri, 1902 (sub *Tegenaria pagana*); (30) Cerruti, 1968 (sub *Tegenaria pagana*); (39) Brignoli, 1971a (sub *Tegenaria pagana*); (59) Brignoli, 1977 (sub *Tegenaria pagana*); (84) Pesarini, 1994 (sub *Tegenaria pagana*).

PROVINCE. (84); Cagliari (6, 13, 39, 59); Sassari (30, 39).

HABITAT. Hypogean habitat (30, 39).

***Malthonica sardoa*** Brignoli, 1977

CHOROTYPE. Sardinian endemic.

REFERENCES. (59) Brignoli, 1977; (83) Pons, 1993; (84) Pesarini, 1994; (124) Bolzern et al., 2008.

PROVINCE. (124); (84); Carbonia-Iglesias (59, 124); Medio Campidano (ined.); Nuoro (59, 83, 124, ined.); Olbia-Tempio (59, 124); Oristano (59, 124).

HABITAT. Hypogean habitat (83, 124); garrigue (ined.); mediterranean maquis (ined.); walnut-orchard (ined.); open *Quercus* forest with mosses (124); *Quercus pubescens*, humid (124); under *Juniperus* sp. (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: *Arbus*, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 female 19.V-4.VI.2009, 1 female 4-16.VI.2009, 1 female 14-28.VII.2009, 2 females

28.VII-10.VIII.2009 (ISE); m 170, mining landfills covered by pioneer plants, 1 female 19.V-4.VI.2009 (ISE); m 200, garrigue, 1 female 5-19.V.2009 (ISE), 1 female 19.V-4.VI.2009 (MBG) (all pitfall traps and leg. Sassu A., Verdinelli M.). *Guspini*, Montevicchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 female 15-30.VI.2009 (ISE); m 235, garrigue, 1 female 18.V-3.VI.2009, 2 females 30.VI-13.VII.2009 (ISE); m 260, mediterranean maquis, 1 female 30.VI-13.VII.2009 (ISE), 1 female 13-27.VII.2009 (MBG) (all pitfall traps and leg. Sassu A., Verdinelli M.).

NUORO: *Fonni*, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 female 19.VI-1.VII.2007 leg. Fiori F. (ISE). *Tonara*, Su Azzime, m 682, walnut-orchard, pitfall traps 2 males 22-29.II.2008 leg. I.S.E. (ISE).

***Malthonica sicana*** Brignoli, 1976

CHOROTYPE. Tyrrhenian endemic.

REFERENCES. (124) Bolzern et al., 2008.

PROVINCE. Oristano (124).

HABITAT. Open *Quercus* forest, rich leaf litter (124); *Quercus* forest open, not wet (124).

***Tegenaria agrestis*** (Walckenaer, 1802)

CHOROTYPE. Holarctic.

REFERENCES. (14) Gozo, 1908; (59) Brignoli, 1977; (84) Pesarini, 1994.

PROVINCE. (84); Carbonia-Iglesias (14); Sassari (59).

HABITAT. Hypogean habitat (14).

***Tegenaria armigera*** Simon, 1873

CHOROTYPE. Sardo-Corsican endemic.

REFERENCES. (19) Roewer, 1953; (30) Cerruti, 1968; (39) Brignoli, 1971a; (84) Pesarini, 1994.

PROVINCE. (84); Ogliastra (39); Sassari (19, 30).

HABITAT. Hypogean habitat (19, 30, 39).

***Tegenaria domestica*** (Clerck, 1757)

CHOROTYPE. Cosmopolitan.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (30) Cerruti, 1968; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Nuoro (30); Sassari (8, 13).

HABITAT. Hypogean habitat (30).

***Tegenaria henroti*** Dresco, 1956

CHOROTYPE. Sardinian endemic.

REFERENCES. (21) Dresco, 1956; (22) Roewer, 1956 sub *T. domestica* (Clerck, 1757); (30) Cerruti, 1968; (51) Brignoli, 1974; (52) Puddu & Pirodda, 1974; (83) Pons, 1993; (84) Pesarini, 1994; (124) Bolzern et al., 2008.

PROVINCE. (124); (84); Carbonia-Iglesias (52); Nuoro (21, 22, 30, 51, 83, 124); Ogliastra (124).

HABITAT. Hypogean habitat (21, 22, 30, 51, 52, 83, 124).

***Tegenaria parietina*** (Fourcroy, 1785)

CHOROTYPE. Subcosmopolitan.

REFERENCES. (13) Garneri, 1902; (20) Krauss, 1955; (37) Argiolas et al., 1970; (38) Puddu, 1970; (39) Brignoli, 1971a; (42) Puddu, 1971; (43) Bartolo et al., 1972; (46) Thermes, 1972; (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (13, 37, 42, 46); Carbonia-Iglesias (39, 43); Medio Campidano (139); Ogliastra (38); Olbia-Tempio (20); Sassari (39).

HABITAT. Hypogean habitat (37, 38, 39, 42, 43, 46).

***Textrix caudata*** L. Koch, 1872

CHOROTYPE. S-European.

REFERENCES. (5) Pavesi, 1878 (sub *T. violantis*); (13) Garneri, 1902 (sub *T. violantis*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (ined.); Medio Campidano (ined.); Olbia-Tempio (5, 13).

HABITAT. Mediterranean maquis (ined.).

EXAMINED MATERIAL. CAGLIARI: Pula, Is Cannoneris, m 715, 1 female 18.VIII.2006 leg. Ruzante-Wilkins (MBG).

MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 2 males 18.V-3.VI.2009 (MBG), 2 males 18.V-3.VI.2009, 6 males and 1 female 3-15.VI.2009 (ISE), 3 males 3-15.VI.2009, 3 males 30.VI-13.VII.2009 (MBG), 5 males and 1 female

15-30.VI.2009 (ISE), 2 males and 1 female 15-30.VI.2009 (MBG), 6 males and 2 females 30.VI-13.VII.2009, 1 female 27.VII-10.VIII.2009 (ISE), 1 male 13-27.VII.2009 (MBG), 1 male 13-27.VII.2009 (ISE) (all leg. Sassu A., Verdinelli M.).

***Textrix denticulata*** (Olivier, 1789)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Nuoro/Ogliastra (13); Ogliastra (13).

**\**Textrix pinicola*** Simon, 1875

CHOROTYPE. W-Mediterranean.

HABITAT. Mediterranean maquis (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 male 18.V-3.VI.2009 (ISE), 1 male 18.V-3.VI.2009 (MBG), 4 males 15-30.VI.2009, 15 males 3-15.VI.2009 (ISE), 7 males 15-30.VI.2009, 1 male 15-30.VI.2009 (MBG), 7 males 30.VI-13.VII.2009 (ISE), 3 males 3-15.VI.2009, 1 male 13-27.VII.2009 (MBG) (all leg. Sassu A., Verdinelli M.).

Family HAHNIIDAE

***Hahnica candida*** Simon, 1875

CHOROTYPE. European.

REFERENCES. (48) Brignoli, 1973.

PROVINCE. Nuoro (48), Medio Campidano (ined.).

HABITAT. Mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 260, mining landfills covered by pioneer plants, pitfall traps, 1 female 21.IV-5.V.2009 leg. Sassu A., Verdinelli M. (MBG).

Family DICTYNIDAE

***Argenna patula*** (Simon, 1874)

CHOROTYPE. Palearctic.



REFERENCES. (132) Pantini & Sassu, 2009.

PROVINCE. Sassari (132).

*Dictyna arundinacea* (Linnaeus, 1758)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Ogliastra (13); Oristano (13).

*Dictyna civica* (Lucas, 1850)

CHOROTYPE. Holarctic.

REFERENCES. (94) Arnò et al., 1998 (sub *Brigittea civica*).

PROVINCE. Olbia-Tempio (ined.); Sassari (94).

HABITAT. Avenue of lime trees (94); forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. OLBIA-TEMPIO: Buddusò, near Nuraghe Loelle, forest of *Quercus suber*, beating tray, 2 females 7.VI.1999 leg. Ist. Ent. SS (ISE).

*Dictyna latens* (Fabricius, 1775)

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Cagliari (13); Sassari (ined.).

HABITAT. Olive-grove (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 female 29.IV.1993 leg. Ist. Ent. SS (ISE).

*Lathys humilis* (Blackwall, 1855)

CHOROTYPE. Palearctic.

REFERENCES. (94) Arnò et al., 1998; (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.); Olbia-Tempio (ined.); Sassari (94).

HABITAT. Avenue of lime trees (94); cherry-orchard (ined.); hazelnut-orchard (127, ined.); forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 female, 11-18.IV.2007 (ISE); Su Ajone, m 585, hazelnut-orchard, 1 female 25.V-1.VI.2005 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 female 13-20.X.2004 (ISE) (all bark traps and leg. I.S.E.).

OLBIA-TEMPIO: Buddusò, near Nuraghe Loelle, forest of *Quercus suber*, beating tray, 1 female 24.V.1999 leg. Ist. Ent. SS (ISE).

*Marilynia bicolor* (Simon, 1870)

CHOROTYPE. Centralasiatic-European.

REFERENCES. (116) Helsdingen, 2005.

PROVINCE. Ogliastra (116).

HABITAT. In debris on the sandydeposits at the mouth of the Rio Girasole (116).

*Nigma puella* (Simon, 1870)

CHOROTYPE. European.

REFERENCES. (10) Costa, 1885 (sub *Dictyna puella*); (13) Garneri, 1902 (sub *Dictyna puella*); (116) Helsdingen, 2005; (127) Loru et al., 2008.

PROVINCE. (127); Cagliari (10, 13); Nuoro (116, ined.); Ogliastra (116); Olbia-Tempio (ined.); Oristano (ined.); Sassari (ined.).

HABITAT. In shrubs along a little stream (116); hazelnut-orchard (127, ined.); olive-grove (ined.); forest of *Quercus suber* (ined.); vineyard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, 1 male 16.VI.2005 (MBG), 1 female 13.VII.2005 (ISE); Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 male 19.V.2005 (ISE), 3 males and 1 female, 19.V.2005 leg. I.S.E. (MBG) (all beating tray and leg. I.S.E.). Tiana, m 522, hazelnut-orchard, beating tray, 1 male 19.V.2005, 4 males and 2 females, 1.VI.2005, 1 female, 13.VII.2005, 1 female and 1 juv., 26.VIII.2005 leg. I.S.E. (MBG).

OLBIA-TEMPIO: Buddusò, near Nuraghe Loelle, forest of *Quercus suber*, beating tray, 1 female, 31.V.1999, 1 male 24.V.1999 leg. Ist. Ent. SS (ISE).

ORISTANO: Fondorgianus, Tirso river, m 35, 1 male 22.IV.2003 leg. Pantini P., Magnati F. (MBG).

SASSARI: Bonnannaro, Cannisones, 2 males 17.V.2002, 2 males 28.V.2002 leg. Nuvoli T. (ISE). Sorso, Pianu Mannu, Nali farm, olive-grove, 1 female 23.III.1993 leg. Ist. Ent. SS (ISE). Torralba, vineyard, 1 female 27.V.1995 leg. Ist. Ent. SS (ISE).

*Nigma walckenaeri* (Roewer, 1951)

CHOROTYPE. European.

REFERENCES. (10) Costa, 1885 (sub *Dictyna viridissima*); (13) Garneri, 1902 (sub *Dictyna vividissima*); (94) Arnò et al., 1998; (116) Helsdingen, 2005.

PROVINCE. Cagliari (13, ined.); Nuoro (10); Ogliastra (116); Sassari (94, ined.).

HABITAT. Citrus-grove (ined.); avenue of lime trees (94); on trees lining a street (ined.); in the valley of the rio (116).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 male 2.XI.2000, 5 males 13.XI.2000, 1 male and 1 female 4.XII.2000 leg. CRAS (ISE).

SASSARI: Sassari, on trees lining a street, 1 female 29.IX.1994 leg. Ist. Ent. SS (ISE).

#### Family AMAUROBIIDAE

##### *Amaurobius erberi* (Keyserling, 1863)

CHOROTYPE. European.

REFERENCES. (41) Brignoli, 1971c; (52) Puddu & Pirodda, 1974; (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (41, 52, 139); Sassari (ined.).

HABITAT. Hypogean habitat (41, 52); orchard (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, bark traps, 1 female 20-27.X.1997 leg. Ist. Ent. SS (ISE).

##### *Amaurobius fenestralis* (Ström, 1768)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Cagliari (13); Oristano (13).

##### *Amaurobius ferox* (Walckenaer, 1830)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Sassari (13).

#### Family TITANOECIDAE

##### *Nurscia albomaculata* (Lucas, 1846)

CHOROTYPE. Turano-European.

REFERENCES. (10) Costa, 1885 (sub *Titanoeca albomaculata*); (13) Garneri, 1902 (sub *Titanoeca albo-maculata*); (84) Pesarini, 1994 (sub *Titanoeca albomaculata*); (94) Arnò et al., 1998 (sub *Titanoeca albomaculata*); (133) Trotta, 2009.

PROVINCE. (84); Cagliari (13); Nuoro (ined.); Ogliastra (13); Olbia-Tempio (10, 133); Oristano (13); Sassari (94, ined.).

HABITAT. Avenue of lime trees (94); cherry-orchard (ined.); orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, pitfall traps, 1 male, 1 female, 17-24.VII.2007, leg. I.S.E. (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 male 26.VI-2.VII.1997 leg. Ist. Ent. SS (ISE).

#### Family MITURGIDAE

##### *Cheiracanthium angulitarse* Simon, 1878

CHOROTYPE. S-European.

REFERENCES. (132) Pantini & Sassu, 2009.

PROVINCE. Olbia-Tempio (ined.); Sassari (132).

EXAMINED MATERIAL. OLBIA-TEMPIO: Olbia, Murta Maria, light trap, 1 male 17.V.1994 leg. Comotti G., Pantini P. (MBG).

##### *Cheiracanthium mildei* L. Koch, 1864

CHOROTYPE. Holarctic.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902; (94) Arnò et al., 1998; (116) Helsdingen, 2005; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (ined.); Cagliari (13, ined.); Carbonia-Iglesias (139); Medio-Campidano (139, ined.); Nuoro (10); Ogliastra (116); Oristano (10, ined.); Sassari (94, 132, ined.).

HABITAT. Citrus-grove (ined.); avenue of lime trees (94); orchard (ined.); inside house (ined.); mediterranean maquis (ined.); olive-grove (ined.); vineyard (ined.); wasteland plot (116).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 3 males 19.VI.2000, 1 male and 1 female 29.VI.2000, 2 males 20.VII.2000, 1 female 31.VII.2000, 1 female 10.VIII.2000 leg. CRAS (ISE).

MEDIO CAMPIDANO: Arbus, Ingurtosu, Nara-

cauli, m 120, mediterranean maquis, pitfall traps, 1 female 14-28.VII.2009, 1 female 10-25.VIII.2009 leg. Sassu A., Verdinelli M. (ISE). Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 male 15-30.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

ORISTANO: Bonarcado, inside house, 1 female 6.VI.2007 leg. Sassu M. (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, 1 male 21.V.1993 (ISE); olive-grove, beating tray, 2 males and 2 females 9.VII.1993, 1 male 1.VII.1993, 1 female 22.VII.1993, 1 female 26.VIII.1993 (ISE); orchard, bark traps, 1 female 10-17.VII.1997 (ISE); orchard, beating tray, 1 male 20.X.1997 (ISE) (all leg. Ist.Ent.SS). Torralba, vineyard, 1 female 13.V.1995, 1 male 24.V.1995, 1 male 24.VI.1995 leg. Ist. Ent. SS (ISE).

***Cheiracanthium pelagicum*** (C.L. Koch, 1837)

CHOROTYPE. Turano-European.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902.

PROVINCE. Ogliastra (13); Oristano (10).

***Cheiracanthium pennyi*** O. P.-Cambridge, 1873

CHOROTYPE. Palearctic.

REFERENCES. (116) Helsdingen, 2005.

PROVINCE. Ogliastra (116).

HABITAT. Wasteland plot (116).

***Cheiracanthium punctorium*** (Villers, 1789)

CHOROTYPE. Turano-European.

REFERENCES. (13) Garneri, 1902 (sub *Chiracanthium nutrix*).

PROVINCE. Cagliari (13); Nuoro/Ogliastra (13).

***Cheiracanthium seidlitzi*** L. Koch, 1864

CHOROTYPE. Centralasiatic-Mediterranean.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902; (18) Simon, 1932; (84) Pesarini, 1994.

PROVINCE. (18, 84); Cagliari (13); Oristano (10).

***Cheiracanthium striolatum*** Simon, 1878

CHOROTYPE. W-Mediterranean.

REFERENCES. (10) Costa, 1885; (114) Grill et al., 2005.

PROVINCE. (114); Cagliari (10).

HABITAT. Shurblands and trees (114).

Family ANYPHAENIDAE

***Anyphaena accentuata*** (Walckenaer, 1802)

CHOROTYPE. Turano-European.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (84) Pesarini, 1994; (127) Loru et al., 2008.

PROVINCE. (84, 127); Nuoro (8, 13, ined.).

HABITAT. Cherry-orchard (ined.); hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Mannaritzò, m 706, cherry-orchard, bark traps, 1 male 18-26.IV.2007 (ISE); Su Ajone, m 585, hazelnut-orchard, beating tray, 9 males, 2 females and 1 juv. 4.V.2005 (MBG), 1 male 1 female, 4.V.2005, 1 male and 2 females 19.V.2005 (ISE), 5 females, 19.V.2005, 1 male 1.VI.2005 (MBG); Su Enazzu, m 550, hazelnut-orchard, bark traps, 1 female 15-22.III.2005, 1 female 27.IV-4.V.2005, 1 female 4-11.V.2005 (MBG); m 550, hazelnut-orchard, beating tray, 2 males and 2 females 4.V.2005, 2 males, 5 females and 1 juv. 19.V.2005, 1 female and 2 juv. 16.VI.2005, 3 females 1.VI.2005, 1 female 29.VI.2005, 2 females and 40 juv. 10.VIII.2005 (MBG) (all leg. Ist. Ent. SS).

***Anyphaena sabina*** L. Koch, 1866

CHOROTYPE. Turano-European.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994; (94) Arnò et al., 1998; (127) Loru et al., 2008; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (84, 127); Cagliari (13, 139); Carbonia-Iglesias (139); Medio-Campidano (139, ined.); Nuoro (ined.); Oristano (ined.); Sassari (94, 132, ined.).

HABITAT. Avenue of lime trees (94); orchard (ined.); mediterranean maquis (ined.); hazelnut-orchard (127, ined.); olive-grove (ined.); artichoke field (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, pitfall traps, 1 male 19.V-4.VI.2009 leg. Sassu A., Verdinelli M. (ISE). Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pit-

fall traps, 1 female 15-30.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 female 4.V.2005 leg. I.S.E. (MBG). Tiana, m 522, hazelnut-orchard, beating tray, 1 female 4.V.2005 (MBG), 1 female 1.VI.2005 (ISE); hazelnut-orchard, bark traps, 1 female 4-11.V.2005 (MBG) (all leg. Ist. Ent. SS).

ORISTANO: Bosa, artichoke field, 1 female 4.III.2009 leg. Padiglia P. (ISE).

OLBIA-TEMPIO: Olbia, Isola Tavolara, peniso-lotto, 1 male 23.IV.1966 leg. Gruppo Isole C.N.R. (MBG).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 male, 23.III.1993 (ISE), olive-grove, 1 female 6.V.1993 (ISE); orchard, beating tray, 1 male and 1 female 22.IV.1998 (ISE) (all leg. Ist. Ent. SS).

#### Family LIOCRANIDAE

##### \**Agraecina lineata* (Simon, 1878)

CHOROTYPE. W-Mediterranean.

HABITAT. Garrigue (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 male 18.V-3.VI.2009, 1 male 3-15.VI.2009 (ISE), 1 male 30.VI-13.VII.2009 (MBG), 1 male 15-30.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

##### *Agroeca annulipes* Simon, 1878

CHOROTYPE. W-Mediterranean.

REFERENCES. (18) Simon, 1932.

PROVINCE. (18).

##### *Agroeca inopina* O.P.-Cambridge, 1886

CHOROTYPE. European.

REFERENCES. (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (139); Nuoro (ined.).

HABITAT. Alder-grove (ined.); cherry-orchard (ined.); hazelnut-orchard (ined.); under *Juniperus* sp. (ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 female 16-

23.V.2007, 1 female 21-28.VI.2007, 1 male 11-18.I.2008 (ISE); Canale e' Figù, m 576, walnut-orchard, 1 female 21-28.VI.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 male 19-26.XI.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 female 13-27.VII.2006, 1 female 27.VII-8.VIII.2006, 4 juv. 8-24.VIII.2006, 6 males 24.VIII-5.IX.2006, 1 male and 1 female 5-21.IX.2006, 7 males and 1 female 21.IX-5.X.2006, 2 males 5-16.X.2006, 3 males 31.X-21.XI.2006 (MBG), 1 male and 1 female 5-16.X.2006 (ISE), 3 males 16-31.X.2006, 4 males and 1 female, 21.XI.2006-8.I.2007 (MBG), 1 male and 1 female 21.XI.2006-8.I.2007 (ISE), 1 female 8.I-21.II.2007, 1 female 21.II-19.III.2007, 2 females 19.III-26.IV.2007, 3 females 26.IV-30.V.2007, 3 females 30.V-4.VII.2007 (MBG) (all pitfall traps and leg. I.S.E.). Desulo, Gennargentu, mountain refuge, m 1500, under *Juniperus* sp., 2 males 19.IX-3.X.2006 (ISE); alder-grove, 1 male, 5-19.IX.2006, 1 male, 3-17.X.2006 (ISE) (all pitfall traps and leg. Fiori F.). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, 1 female, 19.VII-2.VIII.2006, 1 male, 17-30.VIII.2006, 6 males and 2 females 2-17.VIII.2006, 14 males and 1 female 30.VIII-12.IX.2006, 11 males 12-26.IX.2006, 1 female 29.XI.2006-9.I.2007 (ISE); under *Juniperus* sp. 1 male 17-30.VIII.2006, 3 males 30.VIII-12.IX.2006, 2 females 15-29.XI.2006, 1 female 5-19.VI.2007 (ISE) (all pitfall traps and leg. Fiori F.). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 female 11-18.IV.2007, 1 male 4-11.X.2007, 1 male 19-26.XI.2007, 1 male 11-18.I.2008 leg. I.S.E. (ISE).

##### *Cybaeodes sardus* Platnick et Di Franco, 1992

CHOROTYPE. Sardinian endemic.

REFERENCES. (81) Platnick & Di Franco, 1992.

PROVINCE. Oristano (81).

##### *Liocranum giersbergi* Kraus, 1955

CHOROTYPE. Sardinian endemic.

REFERENCES. (20) Krauss, 1955; (46) Thernes, 1972; (52) Puddu & Pirodda, 1974; (60) Brignoli & Gaddini, 1979; (64) Brignoli, 1979d; (84) Pesarini, 1994; (87) Wunderlich, 1995b; (127) Loru et al., 2008; (139) Trotta, 2011.

PROVINCE. (84, 127); Cagliari (46, 52, 139, ined.); Carbonia-Iglesias (139); Medio Campidano (139, ined.); Nuoro (60, 64, ined.); Nuoro/Ogliastra (87); Ogliastra (87); Sassari (20).



HABITAT. Hypogean habitat (46, 52, 64); cherry-orchard (ined.); mediterranean maquis (ined.); hazelnut-orchard (127, ined.); walnut-orchard (ined.); under the bark (87).

EXAMINED MATERIAL. CAGLIARI: Pula, Is Cannoneris, m 715, 1 female 18.VIII.2006, 1 female 1.XII.2006 leg. Ruzzante-Wilkins (MBG).

MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, pitfall traps, 1 male 19.V-4.VI.2009, 1 male 4-16.VI.2009 (ISE), 1 male 16-29.VI.2009, 2 females 29.VI-14.VII.2009 (MBG), 1 female 16-29.VI.2009, 1 female 29.VI-14.VII.2009, 1 female 14-28.VII.2009, 1 male 8-22.IX.2009, 1 male 6-20.X.2009 (ISE) (all leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 female 7-21.IV.2009, 3 females 5-18.V.2009, 2 females 30.VI-13.VII.2009, 2 females 15-30.VI.2009, 1 female 13-27.VII.2009 (ISE), 1 male 22.IX-6.X.2009 (MBG), 1 male 8-22.IX.2009, 1 male, 1 female 22.IX-6.X.2009, 1 male 6-20.X.2009 (ISE) (all leg. Sassu A., Verdinelli M.).

NUORO: Belvi, Mannaritzò, m 706, cherry-orchard, pitfall traps, 1 female 17-24.VII.2007 leg. I.S.E. (ISE). Tiana, m 522, hazelnut-orchard, bark traps, 1 female 11-18.V.2005 leg. I.S.E. (ISE). Tonara, light trap, 1 male 8.IX.2006 leg. Fiori F. (ISE); Su Azzime, m 682, walnut-orchard, pitfall traps, 1 female 17-24.VIII.2007 leg. I.S.E. (ISE).

***Liocranum rupicola*** (Walckenaer, 1830)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902; (77) Grimm, 1986; (139) Trotta, 2011.

PROVINCE. (13); Nuoro (77); Ogliastra (139).

HABITAT. Under bark (77).

***Mesiotelus tenuissimus*** (L. Koch, 1866)

CHOROTYPE. Mediterranean.

REFERENCES. (20) Krauss, 1955; (84) Pesarini, 1994.

PROVINCE. (84); Sassari (20).

***Scotina celans*** (Blackwall, 1841)

CHOROTYPE. European.

REFERENCES. (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (139); Nuoro (ined.).

HABITAT. Hazelnut-orchard (ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 male 30.X-21.XI.2006 leg. I.S.E. (MBG). Tonara, Su Azzime, m 682, walnut-orchard, 1 male 22-29.II.2008 leg. I.S.E. (MBG).

Family CLUBIONIDAE

***Clubiona comta*** C.L. Koch, 1839

CHOROTYPE. European.

REFERENCES. (127) Loru et al., 2008; (139) Trotta, 2011.

PROVINCE. (127); Carbonia-Iglesias (139); Medio Campidano (ined.); Nuoro (ined.); Sassari (ined.).

HABITAT. Orchard (ined.); garrigue (ined.); hazelnut-orchard (127, ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 female 30.VI-13.VII.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Canale e' Figù, m 576, walnut-orchard, 2 females 28.V-4.VI.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 female, 27.IV-4.V.2005 1 female 4-11.V.2005, 1 female 7-14.VII.2005, 1 female 14-21.IX.2005 (ISE) (all bark traps and leg. I.S.E.).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 female 24-31.VII.1997 leg. Ist. Ent. SS (ISE).

***Clubiona genevensis*** L. Koch, 1866

CHOROTYPE. Palearctic.

REFERENCES. (94) Arnò et al., 1998.

PROVINCE. Sassari (94).

HABITAT. Avenue of lime trees (94).

***Clubiona leucaspis*** Simon, 1932

CHOROTYPE. S-European.

REFERENCES. (127) Loru et al., 2008; (139) Trotta, 2011.

PROVINCE. (127); Cagliari (ined.); Carbonia-

Iglesias (139); Nuoro (ined.); Olbia-Tempio (ined.); Sassari (ined.).

HABITAT. Citrus-grove (ined.); cherry-orchard (ined.); orchard (ined.); hazelnut-orchard (127, ined.); walnut-orchard (ined.); olive-grove (ined.); pinewood (ined.); forest of *Quercus suber* (ined.); vineyard (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Ap-passiu, Agris farm, citrus-grove, beating tray, 1 female 29.VI.2000, 1 female 10.VII.2000, 1 female 20.VII.2000 leg. CRAS (ISE).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, bark traps, 5 males, 11-18.IV.2007, 4 females, 16-24.V.2007, 1 female, 21-28.VI.2007 (ISE); Canale e' Figu, m 576, walnut-orchard, bark traps, 1 female, 26.IV-4.V.2007, 2 females 17-24.VII.2007, 1 male 19-26.XI.2007 (ISE); Mannaritzò, m 706, cherry-orchard, bark traps, 6 males and 1 female 18-26.IV.2007, 3 females 16-23.V.2007, 4 males 11.I-18.I.2008, 1 male 22-29.II.2008 (ISE); Su Ajone, m 585, hazelnut-orchard, bark traps, 1 male 27.IV-4.V.2005 (ISE), 1 female 4-11.V.2005, 3 females 25.V-1.VI.2005 (MBG), 1 female 25.V-1.VI.2005 (ISE) 2 females 14-19.VII.2005 (MBG); Su Ajone, m 585, hazelnut-orchard, beating tray, 1 female 1.VI.2005, 1 female, 19.V.2005 (MBG); Su Enazzu, m 550, hazelnut-orchard, bark traps, 1 female 13-20.X.2004, 3 females 8-15.XI.2004, 1 male 27.IV-4.V.2005, 1 female 25.V-1.VI.2005, 2 females 18-25.V.2005, 1 female, 29.VI-6.VII.2005, 1 female 16-23.VI.2005, 2 females 1-8.VI.2005 (MBG); hazelnut-orchard, beating tray, 1 male, 3 females and 1 juv. 19.V.2005, 1 female 1.VI.2005 (MBG) (all leg. I.S.E.). Tiana, m 522, hazelnut-orchard, bark traps, 1 male 27.IV-4.V.2005, 2 females 18-25.V.2005, 4 females 11-18.V.2005, 1 male and 3 females, 4-11.V.2005, 1 female 6-12.X.2005 leg. I.S.E. (MBG). Tonara, Su Azzime, m 682, walnut-orchard, bark traps, 1 female 11-18.IV.2007, 1 female 16-23.V.2007 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Buddusò, near Nuraghe Lolle, forest of *Quercus suber*, beating tray, 1 female 24.V.1999 leg. Ist. Ent. SS (ISE).

SASSARI: Alghero, Porto Conte, m 35, pine-wood, emergence cages, 1 female, 13.IV.2009 leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 female 29.III.1993, 1 male and 1 female 21.IV.1993 (ISE); olive-grove, 1 female 18.VI.1993 (ISE); orchard, bark traps, 1 male 2-9.XII.1997 (ISE) (all leg. I.S.E.). Torralba, vineyard, 1 female 23.IV.1994, 1 female 18.VI.1994, 1 male

and 3 juv. 19.XI.1994, 3 males 12.XI.1994, 1 female and 9 juv. 26.VIII.1995, 1 male 21.X.1995 leg. Ist. Ent. SS (ISE).

***Clubiona neglecta*** O.P.-Cambridge, 1862

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885.

PROVINCE. Nuoro (10).

***Clubiona pallidula*** (Clerck, 1757)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Nuoro/Ogliastra (13).

***Clubiona phragmitis*** C.L. Koch, 1843

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902.

PROVINCE. (13); Olbia-Tempio (8).

***Clubiona subsultans*** Thorell, 1875

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *C. erratica*).

PROVINCE. Cagliari (13).

***Clubiona terrestris*** Westring, 1851

CHOROTYPE. European.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, bark traps, 1 female, 27.IV-4.V.2005, 1 male 1-8.VI.2005, 1 female 17-26.VIII.2005, 1 female 5-10.VIII.2005 (ISE), 1 female 20-27.X.2004, 1 female 6-13.X.2004 leg. I.S.E. (MBG).

***Clubiona vegeta*** Simon, 1918

CHOROTYPE. S-European.

REFERENCES. (116) Helsdingen, 2005; (132) Pantini & Sassu, 2009.

PROVINCE. Ogliastra (116); Sassari (132).

HABITAT. Wasteland plot (116).

## Family CORINNIDAE

*Cetonana laticeps* (Canestrini, 1868)

CHOROTYPE. European-Mediterranean.

REFERENCES. (77) Grimm, 1986 (sub *Ceto laticeps*); (84) Pesarini, 1994 (sub *Ceto laticeps*).

PROVINCE. (84); Nuoro (77, ined.).

HABITAT. Walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Tonara, Su Azzime, m 682, walnut-orchard, bark traps, 1 female 11-18.IV.2007 leg. I.S.E. (ISE).

*Liophrurillus flavitarsis* (Lucas, 1846)

CHOROTYPE. W-Mediterranean.

REFERENCES. (60) Brignoli & Gaddini, 1979 (sub *Phrurolithus flavitarsis*); (84) Pesarini, 1994 (sub *Phrurolithus flavitarsis*); (139) Trotta, 2011.

PROVINCE. (84); Cagliari (60, ined.); Carbonia-Iglesias (139); Medio Campidano (60, ined.); Olbia-Tempio (139); Nuoro (60, ined.); Oristano (60); Sassari (60, 139).

HABITAT. Cherry-orchard (ined.); garrigue (ined.); mediterranean maquis (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. CARBONIA-IGLESIAS: Gonnesa, 1 male 24.IV.2003 leg. Ferrario E. (MBG).

MEDIO CAMPIDANO: Arbus, Ingurtosu, Narcauli, m 120, mediterranean maquis, 1 male 21.IV-5.V.2009, 1 female, 19.V-4.VI.2009, 2 males 5-19.V.2009, 1 female, 29.VI-14.VII.2009 (ISE); m 170, mining landfills covered by pioneer plants, 1 female 5-19.V.2009 (ISE); m 200, garrigue, 2 males 21.IV-5.V.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevicchio, Piccalinna, m 235, garrigue, 2 males 7-21.IV.2009, 2 males, 21.IV-5.V.2009, 3 males and 1 female 5-18.V.2009, 1 male and 1 female, 18.V-3.VI.2009 (ISE); m 260, mediterranean maquis, 5 males and 1 female 21.IV-5.V.2009, 18 males and 3 females 5-18.V.2009, 6 males and 14 females 18.V-3.VI.2009, 6 females 3-15.VI.2009, 1 female 15-30.VI.2009, 1 female 30.VI-13.VII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 17 males 18-26.IV.2007, 1 male 11-18.IV.2007, 2 males and 4 females 16-23.V.2007, 1 male, 1 female 21-28.VI.2007 (ISE); Canale e'

Figu, m 576, walnut-orchard, 2 females 16-23.V.2007, 4 females, 21-28.VI.2007, 1 female 17-24.VII.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 6 males and 1 female 18-26.IV.2007, 12 males and 1 female 11-18.IV.2007, 1 male and 13 females 16-23.V.2007, 5 females 21-28.VI.2007, 2 females 17-24.VII.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male and 16 females 27.VII-8.VIII.2006 (MBG), 13 female 13-27.VII.2006 (ISE), 15 female 13-27.VII.2006, 2 females and 1 juv. 8-24.VIII.2006, 1 juv. 31.X-21.XI.2006, 3 juv. 16-31.X.2006, 1 juv. 8.I-21.II.2007, 1 female 19.III-26.IV.2007, 5 males and 13 females 30.V-4.VII.2007 (MBG), 1 male 30.V-4.VII.2007 (ISE) (all pitfall traps and leg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 male and 1 female 18-26.IV.2007, 2 males and 2 females 16-23.V.2007, 2 females 21-28.VI.2007 leg. I.S.E. (ISE).

*Phrurolithus corsicus* (Simon, 1878)

CHOROTYPE. S-European.

REFERENCES. (116) Helsdingen, 2005.

PROVINCE. Nuoro (116, ined.).

HABITAT. At the margin of a field with stones and shrubs (116); under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. NUORO: Desulo, Gennargentu, mountain refuge, m 1500, under *Juniperus* sp., pitfall traps, 1 female 10-24.V.2007 leg. Fiori F. (MBG). Fonni, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 2 males 5-19.VI.2007 leg. Fiori F. (MBG).

REMARKS. The male palp of *P. corsicus* is illustrated in figures 4-5.

*Trachelas minor* O.P.-Cambridge, 1872

CHOROTYPE. W-Palearctic.

REFERENCES. (116) Helsdingen, 2005.

PROVINCE. Nuoro (116).

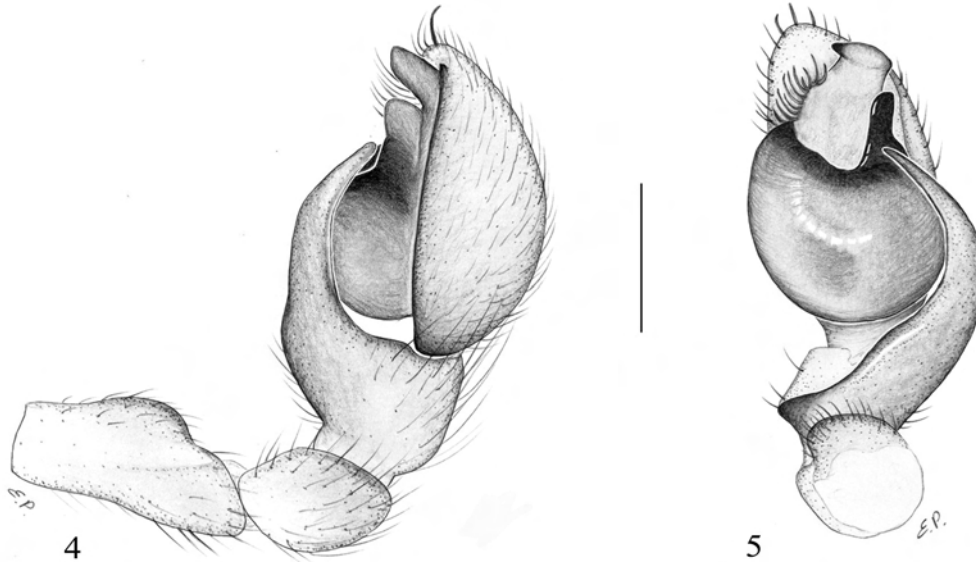
HABITAT. In grassland along the mouth of the river (116).

## Family ZODARIIDAE

*Selamia reticulata* (Simon, 1870)

CHOROTYPE. W-Mediterranean.

REFERENCES. (133) Trotta, 2009.



Figures 4, 5. *Phrurolithus corsicus* (Simon, 1878) - Fonni (NU) Gennargentu m 1550, 5-19.VI.2007 leg. Fiori F. (scale 0.2 mm): (4) retrolateral view of left male pedipalp; (5) ventral view of left male pedipalp.

PROVINCE. Carbonia-Iglesias (133); Oristano (ined.).

EXAMINED MATERIAL. ORISTANO: San Vero Milis, Mandriola, 1 female 28.V.2005 leg. Mulas A. (UCA).

***Zodarion elegans*** (Simon, 1873)

CHOROTYPE. S-European.

REFERENCES. (13) Garneri, 1902 (sub *Enyo elegans*); (84) Pesarini, 1994; (93) Bosmans, 1997; (112) Thaler & Knoflach, 2004; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (13, 93, 139); Medio Campidano (ined.); Nuoro (93, ined.); Ogliastra (112); Oristano (ined.); Sassari (132, ined.).

HABITAT. Cherry-orchard (ined.); orchard (ined.); garrigue (ined.); mediterranean maquis (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO:

Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 female 14-28.VII.2009, 1 female 19.V-4.VI.2009, 1 male 5-19.V.2009 (ISE); m 170, mining landfills covered by pioneer plants, 1 female 29.VI-14.VII.2009, 1 male and 1 female 16-29.VI.2009, 1 female 4-16.VI.2009, 2 males and 5 females 28.VII-10.VIII.2009, 2 males and 2 females 14-28.VII.2009, 1 female 10-25.VIII.2009, 1 female 25.VIII-8.IX.2009 (ISE), m 200, garrigue, 3 males 19.V-4.VI.2009, 2 females 16-29.VI.2009, 3 males and 1 female 14-28.VII.2009, 5 males and 5 females 28.VII-10.VIII.2009, 1 male 10-25.VIII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 2 males, 13-27.VII.2009 (ISE); m 235, garrigue, 1 female and 5 juv. 21.IV-5.V.2009, 17 males and 6 juv. 5-18.V.2009, 30 males, 5 females and 1 juv. 18.V-3.VI.2009, 2 females 15-30.VI.2009, 1 male and 7 females 30.VI-13.VII.2009, 5 males and 1 female 3-15.VI.2009, 32 males and 39 females 13-27.VII.2009, 33 males and 27 females 27.VII-10.VIII.2009, 5 males and 16 females 10-25.VIII.2009, 5 females 25.VIII-8.IX.2009 (ISE),



16 males and 23 females 10-25.VIII.2009 (MBG), 4 females 8-22.IX.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 female 16-23.V.2007, 6 males 21-28.VI.2007, 1 male 17-24.VII.2007, 1 female 27.IX-4.X.2007 (ISE); Canale e' Figu, m 576, walnut-orchard, 1 female, 16-23.V.2007, 3 males and 2 females 21-28.VI.2007, 1 female 24-30.VIII.2007 (ISE), Su Enazzu, m 550, hazelnut-orchard, 1 female 27.VII-8.VIII.2006, 1 male 8-24.VIII.2006 (ISE) (all pitfall traps and leg. I.S.E.).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 2 males, 1 female and 1 juv. 24-31.VII.1997 leg. Ist. Ent. SS (ISE).

ORISTANO: Cabras, Isola Mal di Ventre, 1 male, 1 female, IV.2006, leg. Mulas A. (UCA).

**\**Zodarion gallicum*** (Simon, 1873)

CHOROTYPE. S-European.

HABITAT. Mediterranean maquis (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 female 30.VI-13.VII.2009 leg. Sassu A., Verdinelli M. (MBG).

***Zodarion italicum*** (Canestrini, 1868)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902 (sub *Enyo italica*).

PROVINCE. Cagliari (13).

***Zodarion nigriceps*** (Simon, 1873)

CHOROTYPE. Sardo-Corsican endemic.

REFERENCES. (3) Pavesi, 1876 (sub *Enyo nigriceps*); (13) Garneri, 1902 (sub *Enyo nigriceps*); (15) Simon, 1914; (84) Pesarini, 1994; (93) Bosmans, 1997.

PROVINCE. (15, 84); Cagliari (13); Carbonia-Iglesias (3, 13); Nuoro (ined.); Ogliastra (13, 93); Oristano (93).

HABITAT. Cherry-orchard (ined.); walnut-orchard (ined.); under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 6 male, 1 female 16-23.V.2007, 1 male and 1 female 21-28.VI.2007, 1 male 27.IX-4.X.2007 (ISE); Canale e' Figu, m 576,

walnut-orchard, 1 male 21-28.VI.2007 (ISE); Manaritzò, m 706, cherry-orchard, 1 male 18-26.IV.2007, 1 female 16-23.V.2007, 2 males 21-28.VI.2007 (ISE) (all pitfall traps and leg. I.S.E.). Desulo, Gennargentu, mountain refuge, m 1500, under *Juniperus* sp., pitfall traps, 1 male 9-23.VIII.2006 leg. Fiori F. (ISE). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 male 18-26.IV.2007, 1 male 16-23.V.2007, 2 males and 3 females 21-28.VI.2007, 2 males 24-30.VIII.2007 leg. I.S.E. (ISE).

***Zodarion ruffoi*** Caporiacco, 1951

CHOROTYPE. Italian endemic.

REFERENCES. (93) Bosmans, 1997.

PROVINCE. Medio Campidano (ined.); Nuoro (ined.); Ogliastra (93).

HABITAT. Garrigue (ined.); mediterranean maquis (ined.); under *Juniperus* sp. (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 male 4-16.VI.2009 (MBG); m 200, garrigue, 1 female 14-28.VII.2009 (MBG) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 female 10-25.VIII.2009 (MBG); m 235, garrigue, 16 males 5-18.V.2009, 1 female 6-20.X.2009 (MBG) (all pitfall traps and leg. Sassu A., Verdinelli M.).

NUORO: Fonni, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 male 5-19.VI.2007 leg. Fiori F. (ISE).

***Zodarion sardum*** Bosmans, 1997

CHOROTYPE. Sardinian endemic.

REFERENCES. (49) Wunderlich, 1973 (sub *Zodarion* (?) *vicinum*); (93) Bosmans, 1997.

PROVINCE. (49, 93).

Family PRODIDOMIDAE

**\**Zimirina brevipes*** Pérez et Blasco, 1986

CHOROTYPE. W-Mediterranean.

HABITAT. Mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 1 female 19.V-4.VI.2009 leg. Sassu A., Verdinelli M. (MBG).

REMARKS. a new record for Italy of this family and this species known only from Southern Spain. The epigynum is illustrated in figure 6.

#### Family GNAPHOSIDAE

##### *Aphantaulax cincta* (L. Koch, 1866)

CHOROTYPE. Europeo-Mediterranean.

REFERENCES. (76) Grimm, 1985; (84) Pesarini, 1994; (127) Loru et al., 2008; (139) Trotta, 2011.

PROVINCE. (84, 127); Carbonia-Iglesias (139); Nuoro (ined.); Olbia-Tempio (76).

HABITAT. Hazelnut-orchard (127, ined.); sand-strand (76).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, bark traps, 1 female 4-11.V.2005 leg. I.S.E. (ISE). Tiana, m 522, hazelnut-orchard, beating tray, 1 female 19.V.2005, 1 male 16.VI.2005 leg. I.S.E. (ISE).

##### *Aphantaulax trifasciata* (O.P.-Cambridge, 1872)

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884 (sub *A. seminiger*); (13) Garneri, 1902 (sub *A. semi-niger*); (76) Grimm, 1985 (sub *A. seminigra*); (84) Pesarini, 1994 (sub *A. seminigra*); (132) Pantini & Sassu, 2009.

PROVINCE. (84); Cagliari (8, 13); Medio-Campidano (ined.); Nuoro (8, 13, 76, ined.); Olbia-Tempio (8, 13); Sassari (8, 13, 132, ined.).

HABITAT. Garrigue (ined.); inside house (ined.); grassland (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 200, garrigue, pitfall traps, 1 male 5-19.V.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Bolotana, Badde e'Salighes, m 850, grassland, 1 male 27.V.2007 leg. Sassu A. (ISE).

SASSARI: Sassari, Li Punti, Balinca, m 110, inside house, 1 male 2.VII.2008 leg. Cossu S. (ISE).

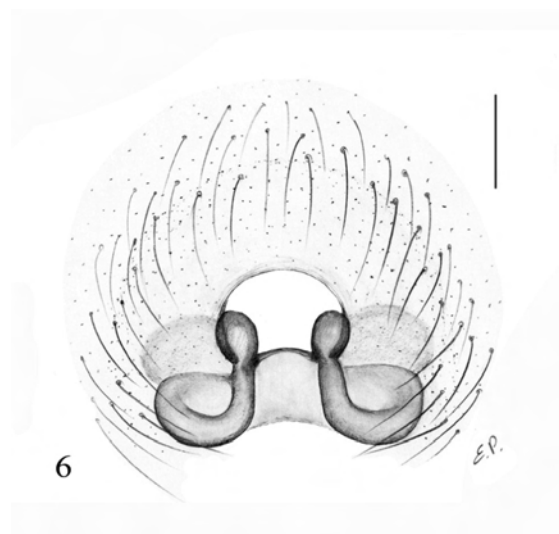


Figure 6. *Zimirina brevipes* Pérez & Blasco, 1986 - epigyne, ventral view (scale 0.1 mm), Arbus (VS), Ingurtosu, Naracauli m 120, 4.VI.2009 leg. Sassu A., Verdinelli M.

##### *Drassodes lapidosus* (Walckenaer, 1802)

CHOROTYPE. Palearctic.

REFERENCES. (5) Pavesi, 1878 (sub *Drassus lapidicola*); (8) Costa, 1884 (sub *Drassus lapidosus*); (13) Garneri, 1902 (sub *Drassus lapidosus*); (20) Krauss, 1955; (84) Pesarini, 1994; (127) Loru et al., 2008; (132) Pantini & Sassu, 2009; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (20, 84, 127); Cagliari (13); Carbonia-Iglesias (139); Medio Campidano (ined.); Nuoro (8, 13, ined.); Nuoro/Ogliastra (13); Olbia-Tempio (5, 8, 13, 133); Oristano (ined.); Sassari (132, 133).

HABITAT. Cherry-orchard (ined.); hazelnut-orchard (127, ined.); alder-grove (ined.); under *Juni-perus* sp. (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 1 male 5-19.V.2009 (MBG), 1 male 5-19.V.2009 (ISE) (all leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, pitfall traps, 1 male 21.IV-5.V.2009 (ISE), 2 males 18.V-3.VI.2009 (MBG), 1 male 3-15.VI.2009 (ISE) (all leg. Sassu A., Verdinelli M.).

NUORO: Belvi, Mannaritzò, m 706, cherry-orchard, pitfall traps, 1 male 16-23.V.2007, 1 female

17-24.VII.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, bark traps, 1 male 18-25.V.2005, 1 female 14-19.VII.2005 (ISE) (all leg. I.S.E.). Desulo, Gennargentu, mountain refuge, m 1500, alder-grove, bark traps, 1 female 25.VI-2.VII.2007 leg. Fiori F. (ISE). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, 1 female 19.VII-2.VIII.2006, 1 female 19.VI-1.VII.2007 (ISE); under *Juniperus* sp., 2 females 5-19.VI.2007 (ISE) (all pitfall traps and leg. Fiori F.). Oliena, Cedrino lake, m 80, light trap, 1 male 20.V.1994 leg. Pantini P., Valle M. (MBG).

ORISTANO: Cabras, Isola Mal di Ventre, 3 males 1 female 14-18.IV.2006 leg. Mulas A. (UCA).

**\**Drassodes luteomicans*** (Simon, 1878)

CHOROTYPE. S-European.

HABITAT. Garrigue (ined.); mediterranean maquis (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 male 16-29.VI.2009 1, 1 female 4-16.VI.2009 (MBG); m 170, mining landfills covered by pioneer plants, 1 female 21.IV-5.V.2009, 1 female 28.VII-10.VIII.2009 (MBG); m 200, garrigue, 1 female 19.V-4.VI.2009, 1 female 29.VI-14.VII.2009, 1 female 6-20.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 female 18.V-3.VI.2009 (ISE), 1 female 3-15.VI.2009 (MBG) (all leg. Sassu A., Verdinelli M.).

REMARKS. The male palp, the epigynum and the vulva of this species are illustrated in figures 7-11.

***Drassodes lutescens*** (C.L. Koch, 1839)

CHOROTYPE. Turano-European-Mediterranean.

REFERENCES. (13) Garneri, 1902 (sub *Drassus lutescens*); (20) Krauss, 1955; (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (20, 84); Carbonia-Iglesias (139); Medio Campidano (ined.); Nuoro (ined.); Nuoro/Ogliastra (13); Ogliastra (13); Oristano (ined.).

HABITAT. Garrigue (ined.); mediterranean maquis (ined.); alder-grove (ined.); under *Juniperus* sp. (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean

maquis, 1 male 5-19.V.2009, 1 male 29.VI-14.VII.2009, 1 male, 14-28.VII.2009 (ISE); m 170, mining landfills covered by pioneer plants, 1 male and 1 female 21.IV-5.V.2009, 1 male 7-21.IV.2009 (ISE); m 200, garrigue, 1 male 21.IV-5.V.2009, 2 males 7-21.IV.2009, 3 males and 2 females 19.V-4.VI.2009 (ISE), 3 males and 3 females 5-19.V.2009 (MBG), 1 male 5-19.V.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, pitfall traps, 1 female 21.IV-5.V.2009, 1 male 18.V-3.VI.2009, 1 female 15-30.VI.2009, 1 male 18.V-3.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Desulo, Gennargentu, mountain refuge, m 1500, alder-grove, bark traps, 1 female 29.VIII-5.IX.2006, 1 female and 1 juv. 26.IX-3.X.2006, 3 females 13-19.IX.2006, 1 male and 1 female 24.IV-1.V.2007 leg. Fiori F. (ISE). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, pitfall traps, 1 female 17-30.VIII.2006 (ISE); alder-grove, bark traps, 1 female 24.IV-1.V.2007 (ISE); under *Juniperus* sp., pitfall traps, 1 female 19.VI-1.VII.2007, 2 males 5-19.VI.2007 (ISE) (all leg. Fiori F.).

ORISTANO: Cabras, Isola Mal di Ventre, 1 male, 2 females 12-21.II.2005, 5 females 17.IV.2006 leg. Mulas A. (UCA).

***Drassodes rubidus*** (Simon, 1878)

CHOROTYPE. W-Mediterranean.

REFERENCES. (13) Garneri, 1902 (sub *Drassus rubidus*); (84) Pesarini, 1994.

PROVINCE. (84); Carbonia-Iglesias (13); Nuoro/Ogliastra (13); Ogliastra (13).

***Drassodex hispanus*** (L. Koch, 1866)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902 (sub *Drassus hispanus*); (84) Pesarini, 1994 (sub *Drassodes hispanus*).

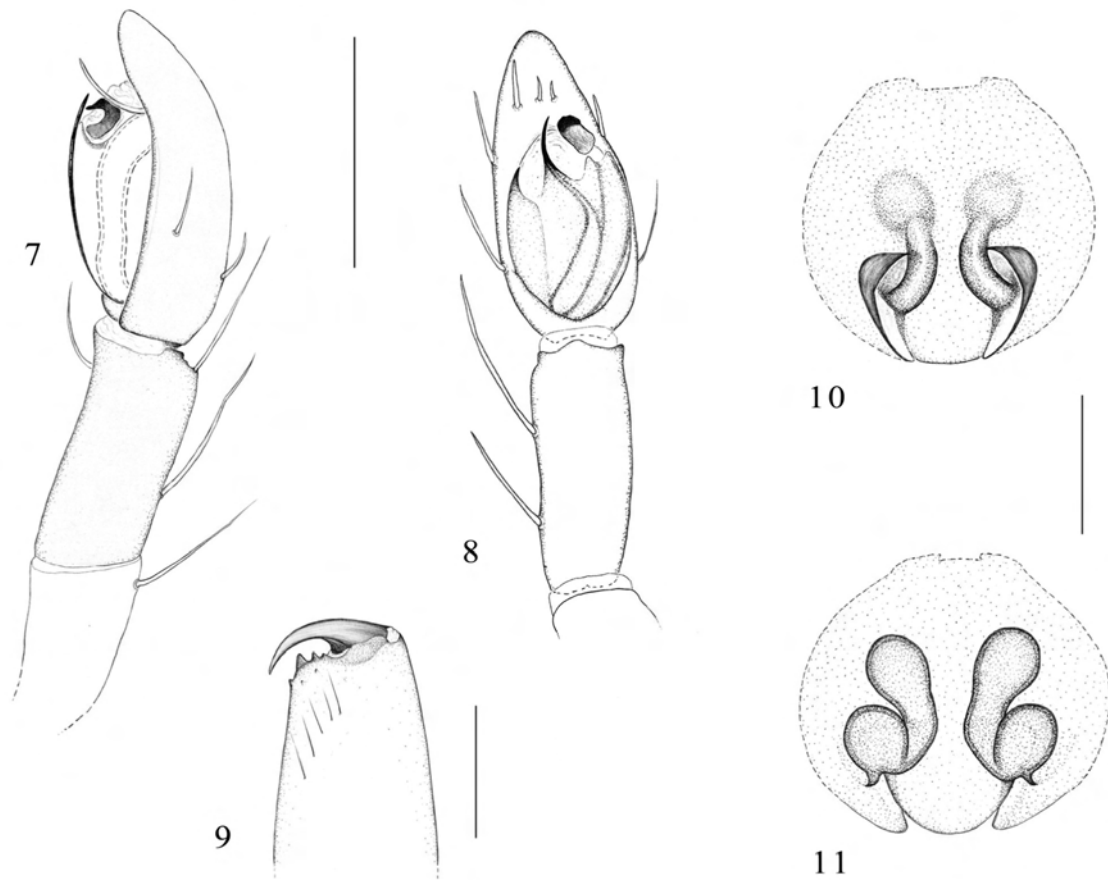
PROVINCE. (84); Cagliari (13).

***Drassodex hypocrita*** (Simon, 1878)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902 (sub *Drassus hypocrita*).

PROVINCE. Ogliastra (13).



Figures 7-9. *Drassodes luteomicans* (Simon, 1878), Ingurtosu, Naracauli, m 120, 16-29.VI.2009 leg. Sassu A., Verdinelli M. (scale 0.5 mm): (7) retrolateral view of left male pedipalp; (8) ventral view of left male pedipalp; (9) chelicerae, posterior view. Figures 10-11. *D. luteomicans* (Simon, 1878), Ingurtosu, Naracauli, m 170, 28.VII-10.VIII.2009 leg. Sassu A., Verdinelli M. (scale 0.2 mm): (10) epigyne, ventral view; (11) vulva, ventral view.

***Gnaphosa alacris* Simon, 1878**

CHOROTYPE. Mediterranean.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Medio Campidano (ined.); Nuoro (ined.); Ogliastra (13); Sassari (ined.).

HABITAT. Orchard (ined.); garrigue (ined.); walnut-orchard (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, 1 male 4-16.VI.2009, 1 male and 3 females 29.VI-14.VII.2009 (ISE), 1 female 16-29.VI.2009 (MBG), 1 female 28.VII-10.VIII.2009 (ISE); m 200, garrigue, 1 male 29.VI-14.VII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 male 13-27.VII.2009, 1 female 27.VII-10.VIII.2009, 1 male 8-22.IX.2009 (ISE); m 235, garrigue, 1 male 13-27.VII.2009 (MBG) (all pitfall traps and leg. Sassu A., Verdinelli M.).

NUORO: Belvì, Canale e' Figù, m 576, walnut-orchard, pitfall traps, 1 male 17-24.VII.2007 leg. I.S.E. (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 female 26.VI-2.VII.1997 leg. Ist. Ent. SS (ISE).

***Gnaphosa bicolor* (Hahn, 1833)**

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Cagliari (13); Nuoro/Ogliastra (13).



***Gnaphosa lucifuga*** (Walckenaer, 1802)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (13).

***Gnaphosa lugubris*** (C.L. Koch, 1839)

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Cagliari (13).

***Haplodrassus dalmatensis*** (L. Koch, 1866)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *Drassus minusculus*); (20) Krauss, 1955; (116) Helsdingen, 2005; (132) Pantini & Sassu, 2009.

PROVINCE. (20); Cagliari (13); Medio Campidano (ined.); Ogliastra (116); Sassari (132).

HABITAT. Garrigue (ined.); in coastal drift on the shore (116); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Incurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 1 male 7-21.IV.2009, 2 males and 1 female 21.IV-5.V.2009 (ISE), 2 males and 1 female 5-19.V.2009 (MBG), 2 females 5-19.V.2009, 1 female 16-29.VI.2009, 2 males 7-21.IV.2009 (ISE) (all leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 male 7-21.IV.2009, 2 males and 3 females 21.IV-5.V.2009, 3 females 18.V-3.VI.2009, 1 male and 1 female 5-18.V.2009, 2 females 15-30.VI.2009 (ISE); m 235, garrigue, 2 males 18.V-3.VI.2009 (all pitfall traps and leg. Sassu A., Verdinelli M.).

***Haplodrassus macellinus*** (Thorell, 1871)

CHOROTYPE. Mediterranean.

REFERENCES. (11) de Carlini, 1885 (sub *Drassus macellinus*); (13) Garneri, 1902 (sub *Drassus macellinus*); (20) Krauss, 1955; (84) Pesarini, 1994.

PROVINCE. (84); Carbonia-Iglesias (11, 13); Sassari (20).

***Haplodrassus severus*** (C.L. Koch, 1839)

CHOROTYPE. Mediterranean.

REFERENCES. (10) Costa, 1885 (sub *Drassus severus*); (20) Krauss, 1955; (30) Cerruti, 1968; (84) Pesarini, 1994; (132) Pantini & Sassu, 2009.

PROVINCE. (20, 30, 84); Cagliari (10); Nuoro (ined.); Sassari (132).

HABITAT. Hypogean habitat (30).

EXAMINED MATERIAL. NUORO: Gavoi, S'eremu e sa mela, m 1000, 1 male 13.VI.2006 leg. Mulas A. (UCA).

***Haplodrassus signifer*** (C.L. Koch, 1839)

CHOROTYPE. Holarctic.

REFERENCES. (6) Magretti, 1880 (sub *Drassus troglodytes*); (8) Costa, 1884 (sub *Drassus troglodytes*); (13) Garneri, 1902 (sub *Drassus troglodytes*); (20) Krauss, 1955; (84) Pesarini, 1994; (116) Helsdingen, 2005; (133) Trotta, 2009.

PROVINCE. (20, 84); Cagliari (13); Carbonia-Iglesias (6); Nuoro (116, ined.); Nuoro/Ogliastra (8, 13); Olbia-Tempio (133).

HABITAT. At the margin of a field with stones and shrubs (116); cherry-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Manna-ritzò, m 706, cherry-orchard, pitfall traps, 1 female 18-26.IV.2007 leg. I.S.E. (ISE).

**\**Leptodrassus femineus*** (Simon, 1873)

CHOROTYPE. W-Mediterranean.

HABITAT. Garrigue (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 female 27.VII-10.VIII.2009 (ISE); m 235, garrigue, 1 female 25.VIII-8.IX.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

**\**Micaria albovittata*** (Lucas, 1846)

CHOROTYPE. Palearctic.

HABITAT. Under *Juniperus* sp. (ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Fonni, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 male 19.VI-1.VII.2007 leg. Fiori F. (ISE). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 female 21-28.VI.2007 leg. I.S.E. (ISE).

***Micaria coarctata*** (Lucas, 1846)

CHOROTYPE. Centralasiatic-Mediterranean.

REFERENCES. (8) Costa, 1884 (sub *M. smaragdula*); (13) Garneri, 1902 (sub *M. smaragdula*).

PROVINCE. Medio Campidano (ined.); Nuoro (ined.); Sassari (8, 13).

HABITAT. Cherry-orchard (ined.); garrigue (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, 1 female 29.VI-14.VII.2009, 1 male 4-16.VI.2009 (ISE); m 200, garrigue, 1 male 16-29.VI.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 male 15-30.VI.2009 (ISE), 1 male 15-30.VI.2009 (MBG) (all leg. Sassu A., Verdinelli M.).

NUORO: Belvì, Antonitzò, m 683, cherry-orchard, pitfall traps, 1 female 17-24.VII.2007 leg. I.S.E. (ISE).

\****Micaria cyrnea*** Brignoli, 1983

CHOROTYPE. Mediterranean.

HABITAT. Forest of *Quercus suber* (ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvì, Canale e' Figu, m 576, walnut-orchard, bark traps, 1 male 26.IV-4.V.2007 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Buddusò, near Nuraghe Lolle, forest of *Quercus suber*, beating tray, 1 female, 24.V.1999, leg. Ist. Ent. SS (ISE).

***Micaria pulicaria*** (Sundevall, 1831)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Cagliari (13).

***Nomisia aussereri*** (L. Koch, 1872)

CHOROTYPE. Palearctic.

REFERENCES. (20) Krauss, 1955; (76) Grimm, 1985; (84) Pesarini, 1994.

PROVINCE. (76, 84); Nuoro (76); Sassari (20).

***Nomisia exornata*** (C.L. Koch, 1839)

CHOROTYPE. Turano-European.

REFERENCES. (13) Garneri, 1902 (sub *Pythonissa exornata*); (76) Grimm, 1985; (84) Pesarini, 1994.

PROVINCE. (13, 84); Cagliari (13); Carbonia-Iglesias (76); Medio Campidano (ined.); Nuoro (ined.); Nuoro/Ogliastra (13).

HABITAT. Road verge (6); garrigue (ined.); mediterranean maquis (ined.); walnut-orchard (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 male 4-16.VI.2009, 1 female 10-25.VIII.2009 (ISE); m 170, mining landfills covered by pioneer plants, 8 males, 3 females and 2 juv. 19.V-4.VI.2009 (ISE), 1 male and 1 female 4-16.VI.2009 (MBG), 7 males and 2 females 4-16.VI.2009, 4 females 16-29.VI.2009, 3 females 29.VI-14.VII.2009 (ISE); m 200, garrigue, 6 males and 2 females 19.V-4.VI.2009, 1 female 29.VI-14.VII.2009, 2 males 4-16.VI.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 female 30.VI-13.VII.2009, 1 male 3-15.VI.2009 (ISE); m 235, garrigue, pitfall traps, 3 males 18.V-3.VI.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

NUORO: Belvì, Canale e' Figu, m 576, walnut-orchard, pitfall traps, 2 males 21-28.VI.2007 leg. I.S.E. (ISE).

\****Nomisia recepta*** (Pavesi, 1880)

CHOROTYPE. W-Mediterranean.

HABITAT. Garrigue (ined.); mediterranean maquis (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 1 female 14-28.VII.2009 (ISE), m 170; mining landfills covered by pioneer plants, 1 male 4-16.VI.2009, 1 male 16-29.VI.2009, 4 females 29.VI-14.VII.2009, 1 female 14-28.VII.2009, 2 females 10-25.VIII.2009 (ISE); m 200, garrigue, 2

males and 1 female, 19.V-4.VI.2009, 2 males and 1 female 16-29.VI.2009, 2 females 14-28.VII.2009, 1 female 10-25.VIII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 male 3-15.VI.2009 (ISE); m 260, mediterranean maquis, 1 male 18.V-3.VI.2009, 1 female 15-30.VI.2009, 1 male, 30.VI-13.VII.2009, 1 male 3-15.VI.2009 (ISE), 1 male and 1 female 15-30.VI.2009 (MBG), 1 female 13-27.VII.2009, 1 female 27.VII-10.VIII.2009, 1 female 10-25.VIII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

\**Phaeoedus braccatus* (L. Koch, 1866)

CHOROTYPE. Palearctic.

HABITAT. Mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, pitfall traps, 1 female 3-15.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

*Poecilochroa albomaculata* (Lucas, 1846)

CHOROTYPE. W-Mediterranean.

REFERENCES. (13) Garneri, 1902 (sub *Poecilochroa picta*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Ogliastra (13); Oristano (13).

*Scotophaeus blackwalli* (Thorell, 1871)

CHOROTYPE. Subcosmopolitan.

REFERENCES. (94) Arnò et al., 1998; (127) Loru et al., 2008.

PROVINCE. (127); Cagliari (ined.); Medio-Campidano (ined.); Nuoro (ined.); Olbia-Tempio (ined.); Sassari (94, ined.).

HABITAT. Citrus-grove (ined.); avenue of lime trees (94); orchard (ined.); mediterranean maquis (ined.); hazelnut-orchard (127, ined.); pinewood (ined.); forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. CAGLIARI: Pula, Pixina Manna, m 140, pinewood, emergence cages, 1 male, 30.VI.2009 leg. Ist. Ent. SS (ISE). Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 female 23.X.2000, 1 female, 2.XI.2000 leg. CRAS (ISE).

MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 male, 18.V-3.VI.2009, leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, bark traps, 1 female 25.V-1.VI.2005 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Buddusò, near Nuraghe Lolle, forest of *Quercus suber*, beating tray, 1 female 31.V.1999 leg. Ist. Ent. SS (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, bark traps, 1 male and 1 female 24-31.VII.1997 leg. Ist. Ent. SS (ISE).

*Scotophaeus scutulatus* (L. Koch, 1866)

CHOROTYPE. Sibero-European.

REFERENCES. (133) Trotta, 2009.

PROVINCE. Cagliari (ined.); Nuoro (ined.); Olbia-Tempio (133); Oristano (ined.); Sassari (ined.).

HABITAT. Citrus-grove (ined.); on trees lining a street (ined.); orchard (ined.); hazelnut-orchard (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 female, 2.XI.2000, 1 female 13.XI.2000 leg. CRAS (ISE).

NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, bark traps, 1 female 20-27.X.2004 leg. I.S.E. (ISE). Gavoi, 1 male 14.IX.2009 leg. Mulas A. (UCA).

ORISTANO: San Vero Milis, Mandriola, 1 female 29.V.2005, 1 female 21.VIII.2008 leg. Mulas A. (UCA).

SASSARI: Alghero, inside house, at sea level, 1 male 31.IX.1998 leg. Pantaleoni R.A. (ISE). Sassari, m 522, on trees lining a street, bark traps, 1 female 10.XI.1993 leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, orchard, bark traps, 1 male, 18-25.IX.1997, 1 female 24.XI-2.XII.1997 leg. Ist. Ent. SS (ISE).

*Scotophaeus validus* (Lucas, 1846)

CHOROTYPE. Mediterranean.

REFERENCES. (20) Krauss, 1955; (84) Pesarini, 1994; (127) Loru et al., 2008.

PROVINCE. (20, 84, 127); Nuoro (ined.).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, bark traps, 1 female 29.IX-6.X.2005 leg. I.S.E. (ISE).

***Setaphis carmeli*** (O.P.-Cambridge, 1872)

CHOROTYPE. Mediterranean.

REFERENCES. (2b) Canestrini, 1873 (sub *Melanophora latipes*); (11) de Carlini, 1885 (sub *Prosthesima latipes*); (13) Garneri, 1902 (sub *Prosthesima latipes* and sub *Prosthesima brachialis*, n. sp.); (20) Krauss, 1955 (sub *Zelotes carmeli*); (84) Pesarini, 1994 (sub *Zelotes carmeli*).

PROVINCE. (20, 2b, 84); Carbonia-Iglesias (11, 13); Medio Campidano (ined.); Nuoro (ined.); Ogliastra (13).

HABITAT. Cherry-orchard (ined.); garrigue (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, 1 male 21.IV-5.V.2009 (ISE), 1 male 5-19.V.2009 (MBG), 1 male, 5-19.V.2009 (ISE); m 200, garrigue, 1 male and 1 female, 19.V-4.VI.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 4 males, 5-18.V.2009 (ISE), 1 female, 18.V-3.VI.2009. (MBG), 1 female, 30.VI-13.VII.2009 (ISE) (all leg. Sassu A., Verdinelli M.).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 male 21-28.VI.2007 (ISE); Canale e' Figù, m 576, walnut-orchard, 1 male and 1 female 16-23.V.2007, 2 females 21-28.VI.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 male 18-26.IV.2007, 4 males 16-23.V.2007, 2 males and 1 female 21-28.VI.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 female 27.VII-8.VIII.2006, 2 females 13-27.VII.2006 (MBG), 3 females 13-27.VII.2006 (ISE), 1 female 8-24.VIII.2006 (MBG) (all pitfall traps and leg. I.S.E.).

**\**Setaphis parvula*** (Lucas, 1846)

CHOROTYPE. W-Mediterranean.

HABITAT. Garrigue (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining land-

fills covered by pioneer plants, 1 male 19.V-4.VI.2009 (MBG), 1 male 5-19.V.2009 (ISE); m 200, garrigue, 1 male 19.V-4.VI.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

REMARKS. This data represents the first record for Italian fauna.

***Trachyzelotes barbatus*** (L. Koch, 1866)

CHOROTYPE. Holarctic.

REFERENCES. (10) Costa, 1885 (sub *Prosthesima barbata*).

PROVINCE. Carbonia-Iglesias (10); Medio Campidano (ined.); Nuoro (ined.).

HABITAT. Cherry-orchard (ined.); garrigue (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, 1 male 19.V-4.VI.2009 (MBG), m 200; garrigue, 1 male 21.IV-5.V.2009, 5 males 5-19.V.2009, 1 male and 1 female 19.V-4.VI.2009, 1 female 4-16.VI.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 male 21.IV-5.V.2009, 1 male 18.V-3.VI.2009 (ISE), 1 male and 3 females, 30.VI-13.VII.2009 (MBG), 2 females 30.VI-13.VII.2009, 2 males 3-15.VI.2009, 2 males and 1 female 15-30.VI.2009, 3 females 27.VII-10.VIII.2009, 1 female 13-27.VII.2009, 1 male 6-20.X.2009 (ISE) (all leg. Sassu A., Verdinelli M.).

NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 male, 17-24.VII.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 male 21-28.VI.2007 (ISE) (all pitfall traps and leg. I.S.E.).

***Trachyzelotes fuscipes*** (L. Koch, 1866)

CHOROTYPE. Centralasiatic-European.

REFERENCES. (13) Garneri, 1902 (sub *Prosthesima fuscipes*).

PROVINCE. Cagliari (13).

**\**Trachyzelotes pedestris*** (C.L. Koch, 1837)

CHOROTYPE. European.

HABITAT. Orchard (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 male and



1 female, 26.VI-2.VII.1997, 1 male 10-17.VII.1997, 1 male 11-19.VI.1998 leg. Ist. Ent. SS (ISE).

***Urozelotes rusticus*** (L. Koch, 1872)

CHOROTYPE. Cosmopolitan.

REFERENCES. (10) Costa, 1885 (sub *Prosthesima rustica*).

PROVINCE. Cagliari (10).

**\**Zelotes dentatidens*** Simon, 1914

CHOROTYPE. W-Mediterranean.

HABITAT. Mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 2 females 5-19.V.2009, 1 female 19.V-4.VI.2009 (ISE), 1 male and 1 female 19.V-4.VI.2009 (MBG), 1 male and 1 female 4-16.VI.2009, 2 females 16-29.VI.2009 (ISE) (all leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining

landfills covered by pioneer plants, pitfall traps, 1 male 21.IV-5.V.2009, 1 male 5-18.V.2009. (MBG), 1 male and 2 females, 18.V-3.VI.2009, 3 females 30.VI-13.VII.2009, 1 male and 3 females 15-30.VI.2009 (ISE), 2 females 30.VI-13.VII.2009 (MBG), 1 male and 1 female 3-15.VI.2009 (ISE), 1 male and 2 females 3-15.VI.2009 (MBG), 2 females 27.VII-10.VIII.2009 (ISE), 1 female 13-27.VII.2009, 1 female 25.VIII-8.IX.2009 (MBG), 1 female 10-25.VIII.2009 (ISE) (all leg. Sassu A., Verdinelli M.).

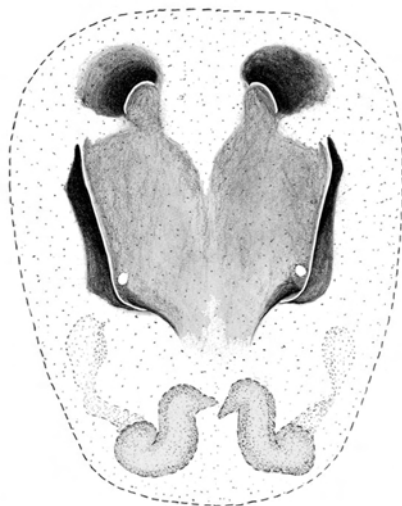
REMARKS. The epigynum and the male palp of this species are illustrated in figures 12, 13.

**\**Zelotes egregius*** Simon, 1914

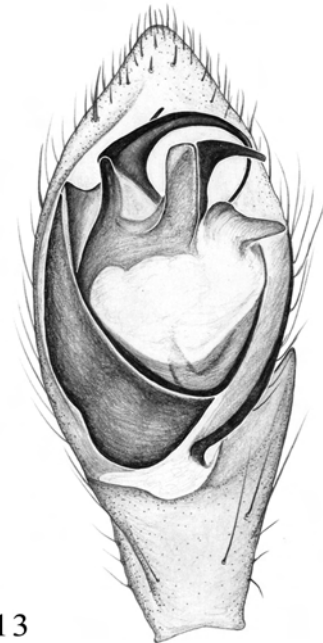
CHOROTYPE. W-Mediterranean.

HABITAT. Under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. NUORO: Desulo, Gennargentu, mountain refuge, m 1500, under *Juniperus* sp., pitfall traps, 1 male 23.VIII-5.IX.2006 leg. Fiori F. (ISE). Fonni, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 male 2-17.VIII.2006 leg. Fiori F. (ISE).



12



13

Figures 12, 13. *Zelotes dentatidens* Simon, 1914 (scale 0.2 mm): (12) epigyne, ventral view, Guspini (VS), Montevecchio, Piccalinna m 225, 3-15.VI.2009 leg. Sassu A., Verdinelli M.; (13) ventral view of left male pedipalp, Arbus (VS), Ingurtosu, Naracauli m 120, 19.V-4.VI.2009 leg. Sassu A., Verdinelli M.

***Zelotes femellus*** (L. Koch, 1866)

CHOROTYPE. S-European.

REFERENCES. (20) Krauss, 1955; (111) Senglet, 2004.

PROVINCE. (20); Cagliari (111); Nuoro (ined.); Ogliastra (111); Olbia-Tempio (111); Sassari (111).

HABITAT. Hazelnut-orchard (ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvì, Canale e' Figù, m 576, walnut-orchard, 3 males, 27.IX-4.X.2007 (ISE), Su Enazzu, m 550, hazelnut-orchard, 1 male, 21.IX-5.X.2006 (ISE) (all pitfall traps and leg. I.S.E.). Gavoi, S'eremu e sa mela, m 1000, 1 female 10.V.2005, 1 female 16.II.2006, 1 female 13.III.2006, 1 female 18.IX.2006 leg. Mulas A. (UCA).

***Zelotes fusciorufus*** (Simon, 1878)

CHOROTYPE. W-Mediterranean.

REFERENCES. (111) Senglet, 2004; (139) Trotta, 2011.

PROVINCE. Medio Campidano (ined.); Oristano (111); Sassari (111, 139).

HABITAT. Dry litter on sand (111); dry litter, barks (111); garrigue (ined.); mediterranean maquis (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, 2 males, 16-29.VI.2009, 3 males and 1 female 29.VI-14.VII.2009, 2 females 28.VII-10.VIII.2009, 1 male and 2 females, 14-28.VII.2009, 1 female 10-25.VIII.2009, 1 female 25.VIII-8.IX.2009 (ISE); m 170, mining landfills covered by pioneer plants, 1 female 16-29.VI.2009, 1 female 29.VI-14.VII.2009, 1 male and 2 females 14-28.VII.2009 (ISE); m 200, garrigue, 1 female 29.VI-14.VII.2009 (ISE), 1 female 28.VII-10.VIII.2009 (MBG), 1 female 14-28.VII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 2 males and 2 females 30.VI-13.VII.2009, 1 male 15-30.VI.2009, 2 females 27.VII-10.VIII.2009, 1 male and 1 female 13-27.VII.2009 (ISE); m 235, garrigue, 1 female 13-27.VII.2009 (ISE); m 260, mediterranean maquis, 3 males 15-30.VI.2009 (ISE), 1 female 30.VI-

13.VII.2009 (MBG), 1 male 3-15.VI.2009 (ISE), 2 males 3-15.VI.2009 (MBG), 1 female 30.VI-13.VII.2009, 4 females 13-27.VII.2009, 1 female 27.VII-10.VIII.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

***Zelotes nilicola*** (O.P.-Cambridge, 1874)

CHOROTYPE. Holarctic.

REFERENCES. (132) Pantini & Sassu, 2009.

PROVINCE. Medio-Campidano (ined.); Nuoro (ined.); Sassari (132, ined.).

HABITAT. Cherry-orchard (ined.); orchard (ined.); walnut-orchard (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 2 females 29.VI-14.VII.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvì, Canale e' Figù, m 576, walnut-orchard, 1 male and 3 females 21-28.VI.2007, 2 females 17-24.VII.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 male 21-28.VI.2007 (ISE) (all pitfall traps and leg. I.S.E.).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 male 26.VI-2.VII.1997 leg. Ist. Ent. SS (ISE).

***Zelotes ruscinensis*** Simon, 1914

CHOROTYPE. W-Mediterranean.

REFERENCES. (111) Senglet, 2004; (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (139); Medio Campidano (ined.); Oristano (ined.); Sassari (111).

HABITAT. Garrigue (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, 1 male 16-29.VI.2009, 12 males 29.VI-14.VII.2009, 7 females 28.VII-10.VIII.2009, 7 males and 1 female, 14-28.VII.2009, 2 females 10-25.VIII.2009 (ISE), 2 females 10-25.VIII.2009 (MBG), 2 females 25.VIII-8.IX.2009, 1 female 8-22.IX.2009 (ISE); m 200, garrigue, 23 males 29.VI-14.VII.2009, 1 male 16-29.VI.2009 (ISE), 5 males and 1 female, 29.VI-14.VII.2009 (MBG), 1 male and 20 females 28.VII-10.VIII.2009, 22 males and 11 females 14-

28.VII.2009, 7 females 25.VIII-8.IX.2009, 13 females 10-25.VIII.2009, 1 female 22.IX-6.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 male 30.VI-13.VII.2009 (ISE); m 235, garrigue, 2 males 15-30.VI.2009, 9 males 30.VI-13.VII.2009, 4 males and 6 females, 27.VII-10.VIII.2009, 14 males and 5 females 13-27.VII.2009 (ISE), 3 females 10-25.VIII.2009 (MBG), 8 females 10-25.VIII.2009, 2 females 25.VIII-8.IX.2009, 2 females 22.IX-6.X.2009, 4 females 8-22.IX.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

ORISTANO: San Vero Milis, Mandriola, 1 male 7.VIII.2004; Spinarbas 1 male 1.VII.2004 leg. Mulas A. (UCA).

### *Zelotes sardus* (Canestrini, 1873)

CHOROTYPE. Tyrrhenian endemic.

REFERENCES. (2b) Canestrini, 1873 (sub *Prosthesima sarda*); (2c) Canestrini, 1876 (sub *Prosthesima sarda*); (3) Pavesi, 1876 (sub *Prosthesima sarda*); (13) Garneri, 1902 (sub *Prosthesima sarda*); (73) Brignoli & Murphy, 1984; (84) Pesarini, 1994; (111) Senglet, 2004; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (13, 2b, 2c, 84); Cagliari (13, 73); Carbonia-Iglesias (3, 13, 139); Medio Campidano (73, ined.); Nuoro (73, 111, ined.); Nuoro/Ogliastra (13); Ogliastra (13, 111); Olbia-Tempio (73, 133); Oristano (13, 111, ined.); Sassari (73, 111, ined.).

HABITAT. Cherry-orchard (ined.); garrigue (ined.); mediterranean maquis (ined.); walnut-orchard (ined.); under *Juniperus* sp. (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, 1 female 21.IV-5.V.2009, 1 female 19.V-4.VI.2009, 2 males 25.VIII-8.IX.2009, 2 males 8-22.IX.2009, 1 male and 1 female 22.IX-6.X.2009 (ISE); m 200, garrigue, 5 females 21.IV-5.V.2009, 3 females 19.V-4.VI.2009, 2 females 5-19.V.2009, 1 female 16-29.VI.2009, 1 female 14-28.VII.2009, 1 male 25.VIII-8.IX.2009, 3 males 8-22.IX.2009, 7 males 22.IX-6.X.2009, 5 males 6-20.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 2 females 21.IV-5.V.2009, 2 females 5-

18.V.2009, 1 female 18.V-3.VI.2009, 2 females 15-30.VI.2009, 1 male 10-25.VIII.2009, 2 males 25.VIII-8.IX.2009, 1 male 6-20.X.2009 (ISE); m 235, garrigue, 4 females 21.IV-5.V.2009, 2 females 5-18.V.2009, 1 female 3-15.VI.2009, 2 males 10-25.VIII.2009, 14 males 25.VIII-8.IX.2009, 10 males and 1 female 8-22.IX.2009, 6 males 22.IX-6.X.2009, 1 male and 1 female 6-20.X.2009 (ISE); m 260, mediterranean maquis, 1 female 3-15.VI.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

NUORO: Belvì, Antonitzò, m 683, cherry-orchard, 4 males 24-30.VIII.2007, 2 males 27.IX-4.X.2007 (ISE); Canale e' Figù, m 576, walnut-orchard, 1 male 24-30.VIII.2007 (ISE); Manaritzò, m 706, cherry-orchard, 1 female 11-18.IV.2007, 1 female 16-23.V.2007, 2 males 24-30.VIII.2007, 2 males 4-11.X.2007 (all pitfall traps and leg. I.S.E.). Desulo, Gennargentu, mountain refuge, m 1500, under *Juniperus* sp., pitfall traps, 1 male 11-25.VII.2006, 1 male 25.VII-9.VIII.2006 leg. Fiori F. (ISE). Fonni, Gennargentu, mountain refuge, m 1550, under *Juniperus* sp., pitfall traps, 1 male 19.VII-2.VIII.2006, 3 males 2-17.VIII.2006, 1 female 5-19.VI.2007, leg. Fiori F. (ISE). Siniscola, Monte Albo, on the road to Lula, m 800, pitfall traps, 1 female 19-26.IV.2003, leg. Pantini P., Magnati F. (MBG). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 2 females 16-23.V.2007, 1 female 21-28.VI.2007, 1 female 17-24.VII.2007, 1 female 24-30.VIII.2007, 1 female 4-11.X.2007 leg. I.S.E. (ISE).

OLBIA-TEMPIO: Olbia, Isola Molarotto, 1 female 18.V.1966 leg. Gruppo Isole C.N.R. (MBG).

ORISTANO: Cabras, Isola Mal di Ventre, 5 females 17-18.IV.2006 leg. Mulas A. (UCA).

### *Zelotes tenuis* (L. Koch, 1866)

CHOROTYPE. Holarctic.

REFERENCES. (133) Trotta, 2009; (137) Senglet, 2011.

PROVINCE. Cagliari (137); Medio-Campidano (ined.); Nuoro (137, ined.); Ogliastra (137); Olbia-Tempio (133); Sassari (137).

HABITAT. Cherry-orchard (ined.); dam leaf litter (137); lagoon (137); hazelnut-orchard (ined.); walnut-orchard (ined.); under *Juncus* (137); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO:

Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, pitfall traps, 2 females 30.VI-13.VII.2009, 3 males and 2 females 15-30.VI.2009, 1 male 3-15.VI.2009, 2 females 13-27.VII.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvì, Antonitzò, m 683, cherry-orchard, 4 males 21-28.VI.2007, 1 female 17-24.VII.2007 (ISE); Canale e' Figù, m 576, walnut-orchard, 2 males 21-28.VI.2007, 2 males and 1 female 17-24.VII.2007, 1 female 24-30.VIII.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 female 21-28.VI.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 female 27.VII-8.VIII.2006, 1 male and 1 female 13-27.VII.2006 (MBG), 1 male and 1 female 13-27.VII.2006 (ISE), 1 female 8-24.VIII.2006 (MBG) (all pitfall traps and leg. I.S.E.).

#### Family SPARASSIDAE

##### *Micrommata ligurina* (C.L. Koch, 1845)

CHOROTYPE. Mediterranean.

REFERENCES. (6) Magretti, 1880; (10) Costa, 1885; (13) Garneri, 1902; (20) Krauss, 1955; (84) Pesarini, 1994; (114) Grill et al., 2005; (139) Trotta, 2011.

PROVINCE. (20, 84, 114); Cagliari (13); Carbonia-Iglesias (6, 13, 139); Nuoro (ined.); Ogliastra (13); Oristano (10).

HABITAT. Grass and shrubland (114); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 male 18-26.IV.2007 leg. I.S.E. (ISE).

##### *Micrommata virescens* (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (6) Magretti, 1880; (10) Costa, 1885; (13) Garneri, 1902; (84) Pesarini, 1994; (132) Pantini & Sassu, 2009.

PROVINCE. (10, 84); Oristano (13); Oristano/Nuoro (6); Sassari (13, 132).

##### *Olios argelasius* (Walckenaer, 1805)

CHOROTYPE. Mediterranean.

REFERENCES. (8) Costa, 1884 (sub *O. spongitar-*

*sis*); (13) Garneri, 1902 (sub *Sparassus spongitar-*  
*tis*); (127) Loru et al., 2008; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (127); Cagliari (13, ined.); Carbonia-Iglesias (139); Medio Campidano (139, ined.); Nuoro (8); Oristano (8, ined.); Sassari (132).

HABITAT. Citrus-grove (ined.); mediterranean maquis (ined.); hazelnut-orchard (127).

EXAMINED MATERIAL. CAGLIARI: Domus de Maria, Punta su Pisu, m 14, 1 male and 1 female XII.2006 leg. Ruzzante-Wilkins J. (MBG). Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 female, 29.VI.2000, 1 female 10.VIII.2000, 1 female 1.IX.2000, 2 males 21.IX.2000, 1 female 12.X.2000, 1 male 4.X.2000, 1 female 2.XI.2000, 1 female 13.XI.2000 leg. CRAS (ISE).

MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, pitfall traps, 1 male 21.IV-5.V.2009 leg. Sassu A., Verdinelli M. (ISE). Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 1 male 3-15.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

ORISTANO: Cabras, San Giovanni in Sinis, 1 male, 26.IV.2003, leg. Pantini P., Magnati F. (MBG).

#### Family PHILODROMIDAE

##### *Philodromus aureolus* (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (84) Pesarini, 1994; (110) Muster & Thaler, 2004; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (13, 139); Nuoro (8, 13); Ogliastra (13, 110).

##### *Philodromus bistigma* Simon, 1870

CHOROTYPE. Mediterranean.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902; (123) Muster et al., 2007; (132) Pantini & Sassu, 2009.

PROVINCE. Cagliari (13, 123, ined.); Medio Campidano (ined.); Nuoro (123, ined.); Nuoro/Ogliastra (123); Ogliastra (13, 123); Oristano (10, 123); Sassari (132, ined.).

HABITAT. Cherry-orchard (ined.); mediterranean maquis (ined.); hazelnut-orchard (ined.).



EXAMINED MATERIAL. CAGLIARI: Pula, Is Cannoneris, m 715, 1 female, 18.VIII.2006, leg. Ruzzante-Wilkins (MBG).

MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, pitfall traps, 1 male 4-16.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Mannaritzò, m 706, cherry-orchard, 1 female 21-28.VI.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 female 27.VII-8.VIII.2006, 1 male 30.V-4.VII.2007 (MBG), 2 males and 1 female 30.V-4.VII.2007 (ISE) (all pitfall traps and leg. I.S.E.).

SASSARI: Olmedo, Pulpazos, Perlina farm, 1 male 8.V.2008 leg. R.A. Pantaleoni (ISE).

***Philodromus blanckei*** (Wunderlich, 1995)

CHOROTYPE. Sardinian endemic.

REFERENCES. (87) Wunderlich, 1995b (sub *Arctanes blanckei*); (131) Muster, 2009.

PROVINCE. Nuoro (131, ined.); Ogliastra (87, 131); Olbia-Tempio (131); Oristano (131).

HABITAT. Under the bark (87), hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 female 4.V.2005 leg. I.S.E. (MBG).

**\**Philodromus bosmansii*** Muster & Thaler, 2004

CHOROTYPE. W-Mediterranean.

HABITAT. Citrus-grove (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Ap-passiu, Agris farm, citrus-grove, beating tray, 1 female 29.VI.2000 leg. CRAS (MBG).

REMARKS. This data represents the first record of this species for Italian and European fauna.

***Philodromus buchari*** Kubcová, 2004

CHOROTYPE. S-European.

REFERENCES. (132) Pantini & Sassu, 2009.

PROVINCE. Sassari (132, ined.).

EXAMINED MATERIAL. SASSARI: Sassari, Li Punti, Balduca, m 110, 1 male 15.VI.2008 leg. Sassu A. (MBG).

**\**Philodromus buxi*** Simon, 1884

CHOROTYPE. Sibero-European.

HABITAT. Alder-grove (ined.).

EXAMINED MATERIAL. NUORO: Desulo, Genargentu, mountain refuge, m 1500, alder-grove, bark traps, 3 females 25.VI-2.VII.2007 leg. Fiori F. (ISE).

***Philodromus dispar*** Walckenaer, 1826

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902; (139) Trotta, 2011.

PROVINCE. Cagliari (13); Carbonia-Iglesias (139).

***Philodromus emarginatus*** (Schrank, 1803)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902.

PROVINCE. (13); Ogliastra (13).

***Philodromus fuscolimbatus*** Lucas, 1846

CHOROTYPE. Mediterranean.

REFERENCES. (10) Costa, 1885 (sub *P. constellatus*).

PROVINCE. Carbonia-Iglesias (10); Olbia-Tempio (10).

***Philodromus glaucinus*** Simon, 1870

CHOROTYPE. European.

REFERENCES. (10) Costa, 1885; (11) de Carlini, 1885; (13) Garneri, 1902; (123) Muster et al., 2007.

PROVINCE. Cagliari (13); Carbonia-Iglesias (10, 11, 13); Medio Campidano (123); Oristano (13); Sassari (123).

***Philodromus histrio*** (Latreille, 1819)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (13, 84); Sassari (ined.).

HABITAT. Orchard (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, bark traps, 1 male and 1 female 20-27.V.1998 leg. Ist. Ent. SS (ISE).

***Philodromus lividus*** Simon, 1875

CHOROTYPE. Mediterranean.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902; (110) Muster & Thaler, 2004; (114) Grill et al., 2005; (127) Loru et al., 2008; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (114, 127); Cagliari (13, 110); Carbonia-Iglesias (10, 13, 139); Nuoro (ined.); Ogliastra (13, 110); Sassari (132, ined.).

HABITAT. Low shrubs, grass and shrubland, shrublands and trees (114); hazelnut-orchard (127, ined.); olive-grove (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 male 29.VI.2005 leg. I.S.E. (MBG). Tiana, m 522, hazelnut-orchard, beating tray, 1 male and 1 juv. 29.VI.2005, 1 female and 2 juv. 16.VI.2005 leg. I.S.E. (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 male 3.VI.1993 leg. Ist. Ent. SS (ISE).

***Philodromus margaritatus*** (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (2c) Canestrini, 1876 (sub *P. elegans*); (131) Muster, 2009; (139) Trotta, 2011.

PROVINCE. (2c); Medio Campidano (139); Nuoro (131).

REMARKS. For the correct assignment of Canestrini's citation (1876) see Muster (2009: 149).

***Philodromus praedatus*** O.P.-Cambridge, 1871

CHOROTYPE. Sibero-European.

REFERENCES. (94) Arnò et al., 1998; (110) Muster & Thaler, 2004; (132) Pantini & Sassu, 2009.

PROVINCE. Medio-Campidano (ined.); Nuoro (110); Ogliastra (110); Sassari (94, 132, ined.).

HABITAT. Avenue of lime trees (94); orchard (ined.); mediterranean maquis (ined.); vineyard (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 120, mediterranean maquis, pitfall traps, 1 male, 16-29.VI.2009, leg. Sassu A., Verdinelli M. (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, beating tray, 1 female 17.VII.1997 leg. Ist. Ent. SS (ISE). Torralba, vineyard, 1 male and 1 female 24.V.1999 leg. Ist. Ent. SS (ISE).

***Philodromus pulchellus*** Lucas, 1846

CHOROTYPE. Mediterranean.

REFERENCES. (2c) Canestrini, 1876; (13) Garneri, 1902; (84) Pesarini, 1994; (123) Muster et al., 2007; (127) Loru et al., 2008; (132) Pantini & Sassu, 2009.

PROVINCE. (84, 127); Cagliari (2c, 13); Medio Campidano (123); Nuoro (123, ined.); Olbia-Tempio (123); Oristano (123); Sassari (123, 132).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Tiana, m 522, hazelnut-orchard, beating tray, 1 male 16.VI.2005 leg. I.S.E. (ISE).

***Philodromus rufus*** Walckenaer, 1826

CHOROTYPE. Holarctic.

REFERENCES. (94) Arnò et al., 1998; (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (ined.); Sassari (94, ined.).

HABITAT. Avenue of lime trees (94); orchard (ined.); hazelnut-orchard (127, ined.); olive-grove (ined.); vineyard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 2 females 1.VI.2005 leg. I.S.E. (MBG). Tiana, m 522, hazelnut-orchard, beating tray, 1 female 1.VI.2005 leg. I.S.E. (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, 1 male 29.IV.1993 (ISE); olive-grove, beating tray, 1 female 21.V.1993, 2 females and 4 juv. 25.VI.1993 (ISE); orchard, beating tray, 1 female 26.VI.1997 (ISE) (all leg. Ist. Ent. SS). Torralba, vineyard, 1 female 18.VI.1994, 1 female 15.VII.1995, 1 male and 1 female 24.V.1999 leg. Ist. Ent. SS (ISE).

***Thanatus formicinus*** (Clerck, 1757)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902.

PROVINCE. (13).

***Thanatus oblongiusculus*** (Lucas, 1846)

CHOROTYPE. Sibero-European.

REFERENCES. (10) Costa, 1885 (sub *T. oblongiusculus*); (84) Pesarini, 1994 (sub *Paratibellus oblongiusculus*).

PROVINCE. (84); Cagliari (10).

***Thanatus vulgaris*** Simon, 1870

CHOROTYPE. Holarctic.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (84) Pesarini, 1994; (132) Pantini & Sassu, 2009.

PROVINCE. (84); Cagliari (13); Medio-Campidano (ined.); Ogliastra (13); Sassari (8, 13, 132).

HABITAT. Under stones on the beach (8); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 2 males, 19.V-4.VI.2009, 1 female 29.VI-14.VII.2009, 1 female 4-16.VI.2009 leg. Sassu A., Verdinelli M. (ISE).

***Tibellus oblongus*** (Walckenaer, 1802)

CHOROTYPE. Holarctic.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902.

PROVINCE. Cagliari (10, 13); Oristano (13); Sassari (10).

Family THOMISIDAE

***Ozyptila blackwalli*** (Simon, 1875)

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902 (sub *Oxyptila blackwalli*); (84) Pesarini, 1994 (sub *Ozyptila blackwalli* Simon, 1875).

PROVINCE. (84); Cagliari (13); Sassari (ined.).

HABITAT. Olive-grove (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 female 1.VII.1993 leg. Ist. Ent. SS (ISE).

***Diaea dorsata*** (Fabricius, 1777)

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Cagliari (13).

***Heriaeus hirtus*** (Latreille, 1819)

CHOROTYPE. European.

REFERENCES. (10) Costa, 1885 (sub *H. hirsutus*);

(11) de Carlini, 1885 (sub *Misumena savignyi*); (13) Garneri, 1902 (sub *H. savignyi*); (20) Krauss, 1955; (71) Loerbroks, 1983; (84) Pesarini, 1994.

PROVINCE. (20, 84); Cagliari (13); Carbonia-Iglesias (11, 13); Nuoro (10, 71).

***Misumena vatia*** (Clerck, 1757)

CHOROTYPE. Holarctic.

REFERENCES. (11) de Carlini, 1885; (13) Garneri, 1902; (84) Pesarini, 1994; (127) Loru et al., 2008.

PROVINCE. (84, 127); Carbonia-Iglesias (11, 13).

HABITAT. Hazel-nut-orchard (127).

***Monaeses paradoxus*** (Lucas, 1846)

CHOROTYPE. S-European.

REFERENCES. (114) Grill et al., 2005.

PROVINCE. (114).

HABITAT. Agricultural land (114).

***Ozyptila atomaria*** (Panzer, 1801)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *Oxyptila horticola*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

***Ozyptila bicuspis*** Simon, 1932

CHOROTYPE. W-Mediterranean.

REFERENCES. (116) Helsdingen, 2005.

PROVINCE. Nuoro (116).

HABITAT. Grassland along the mouth of the river (116).

***Ozyptila brevipes*** (Hahn, 1826)

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902 (sub *Oxyptila brevipes*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Oristano (13).

***Ozyptila confluens*** (C.L. Koch, 1845)

CHOROTYPE. S-European.

REFERENCES. (3) Pavesi, 1876 (sub *Oxyptila gut-*

*tulata*); (13) Garneri, 1902 (sub *Oxyptila grata*); (20) Krauss, 1955; (84) Pesarini, 1994; (132) Pantini & Sassu, 2009; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (20, 84); Carbonia-Iglesias (139); Medio Campidano (139, ined.); Nuoro (ined.); Olbia-Tempio (3, 133); Oristano (13); Sassari (132, 133).

HABITAT. Cherry-orchard (ined.); garrigue (ined.); hazelnut-orchard (ined.); walnut-orchard (ined.); minning landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, 3 males 6-20.X.2009 (ISE); m 200, garrigue, 2 males, 22.IX-6.X.2009 (ISE), 2 males and 1 female 6-20.X.2009 (MBG), 1 male and 3 females 6-20.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 5 males 22.IX-6.X.2009, 5 males 6-20.X.2009 (ISE), 2 males and 1 female 6-20.X.2009 (MBG) (all leg. Sassu A., Verdinelli M.).

NUORO: Belvì, Antonitzò, m 683, cherry-orchard, 2 males 24-30.VIII.2007, 1 male 27.IX-4.X.2007 (ISE); Canale e' Figù, m 576, walnut-orchard, 1 female 26.IV-4.V.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male 24.VIII-5.IX.2006 (MBG), 2 males 21.IX-5.X.2006 l. (ISE) (all pitfall traps and eg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 female 17-24.VII.2007, 2 males 4-11.X.2007 leg. I.S.E. (ISE).

***Ozyptila pauxilla*** (Simon, 1870)

CHOROTYPE. W-Mediterranean.

REFERENCES. (139) Trotta, 2011.

PROVINCE. Carbonia-Iglesias (139).

***Ozyptila praticola*** (C.L. Koch, 1837)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902.

PROVINCE. Cagliari (13).

**\**Ozyptila sanctuaria*** (O.P.-Cambridge, 1871)

CHOROTYPE. European.

HABITAT. Cherry-orchard (ined.); garrigue (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 1 female 6-20.X.2009 leg. Sassu A., Verdinelli M. (ISE). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 female 5-18.V.2009 (ISE); m 235, garrigue, 1 female 15-30.VI.2009, 5 males 6-20.X.2009 (ISE) (all pitfall traps and leg. Sassu A., Verdinelli M.).

NUORO: Belvì, Mannaritzò, m 706, cherry-orchard, pitfall traps, 1 male 19-26.XI.2007 leg. I.S.E. (ISE).

***Pistius truncatus*** (Pallas, 1772)

CHOROTYPE. Sibero-European.

REFERENCES. (85) Buchar & Thaler, 1995; (127) Loru et al., 2008.

PROVINCE. (127); Nuoro (85); Olbia-Tempio (ined.).

HABITAT. Hazelnut-orchard (127); forest of *Quercus suber* (ined.).

EXAMINED MATERIAL. OLBIA-TEMPIO: Budusò, near Nuraghe Loelle, forest of *Quercus suber*, beating tray, 1 female 24.V.1999 leg. Ist. Ent. SS (ISE). Telti, Rio Almiddina, 1 male 20.V.2008 leg. Sassu A. (ISE).

***Runcinia grammica*** (C.L. Koch, 1837)

CHOROTYPE. Subcosmopolitan.

REFERENCES. (8) Costa, 1884 (sub *R. lateralis*); (11) de Carlini, 1885 (sub *R. lateralis*); (13) Garneri, 1902 (sub *R. lateralis*); (84) Pesarini, 1994 (sub *R. lateralis*); (114) Grill et al., 2005 (sub *R. lateralis*); (139) Trotta, 2011.

PROVINCE. (84, 114); Cagliari (8, 13); Carbonia-Iglesias (11, 13, 139); Sassari (ined.).

HABITAT. Shurblands and trees, agricultural land (114); vineyard (ined.).

EXAMINED MATERIAL. SASSARI: Torralba, vineyard, 1 female 30.VII.1994 leg. Ist. Ent. SS (ISE).

***Synema globosum*** (Fabricius, 1775)

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884 (sub *S. globosa*); (11) de Carlini, 1885 (sub *Diaea globosa*); (13) Garneri, 1902 (sub *S. globosa*); (20) Krauss, 1955; (46)



Thermes, 1972; (84) Pesarini, 1994; (94) Arnò et al., 1998 (sub *Synaema globosum*); (112) Thaler & Knoflach, 2004; (114) Grill et al., 2005; (127) Loru et al., 2008; (132) Pantini & Sassu, 2009 (sub *Synaema globosum*); (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (13, 20, 84, 114, 127); Cagliari (139); Carbonia-Iglesias (11, 46, 139); Medio Campidano (139); Nuoro (ined.); Ogliastra (112, 139); Olbia-Tempio (133, ined.); Oristano/Nuoro (8); Sassari (94, 132, 133, ined.).

HABITAT. Avenue of lime trees (94); hypogean habitat (46); low shrubs, grass and shrubland, shrublands and trees (114); hazelnut-orchard (127, ined.); grassland (ined.); vineyard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, beating tray, 1 female 19.V.2005 leg. I.S.E. (MBG). Bolotana, Badde e' Salighes, m 850, grassland, 1 female 27.V.2007 leg. Sassu A. (ISE).

OLBIA-TEMPIO: Telti, Rio Almiddina, 1 male 20.V.2008 leg. Sassu A. (ISE).

SASSARI: Sassari, Platamona, at sea level, 1 male and 1 female 22.V.2008 leg. Sassu A. (ISE). Torralba, vineyard, 1 male 28.V.1994 leg. Ist. Ent. SS (ISE).

### *Thomisus onustus* Walckenaer, 1805

CHOROTYPE. Palearctic.

REFERENCES. (8) Costa, 1884; (11) de Carlini, 1885; (13) Garneri, 1902 (sub *T. albus* Nomina dubia); (20) Krauss, 1955; (84) Pesarini, 1994; (94) Arnò et al., 1998; (114) Grill et al., 2005; (132) Pantini & Sassu, 2009.

PROVINCE. (13, 20, 84, 114); Carbonia-Iglesias (11); Oristano/Nuoro (8); Sassari (94, 132, ined.).

HABITAT. Avenue of lime trees (94); shrublands and trees (114); vineyard (ined.).

EXAMINED MATERIAL. SASSARI: Sassari, Platamona, at sea level, 2 males and 1 female 22.V.2008 leg. Sassu A. (ISE). Torralba, vineyard, 1 male 17.VI.1995 leg. Ist. Ent. SS (ISE).

### *Tmarus piochardi* (Simon, 1866)

CHOROTYPE. W-Mediterranean.

REFERENCES. (114) Grill et al., 2005.

PROVINCE. (114).

HABITAT. Shrublands and trees (114).

### *Tmarus staintoni* (O.P.-Cambridge, 1873)

CHOROTYPE. W-Mediterranean.

REFERENCES. (127) Loru et al., 2008.

PROVINCE. (127); Cagliari (ined.); Nuoro (ined.); Sassari (ined.).

HABITAT. Orchard (ined.); hazelnut-orchard (127, ined.); olive-grove (ined.).

EXAMINED MATERIAL. CAGLIARI: Pula, Is Cannoneris, m 715, 1 female 18.VIII.2006 leg. Ruzzante-Wilkins (MBG).

NUORO: Tiana, m 522, hazelnut-orchard, beating tray, 1 female 1.VI.2005 (MBG), 1 female 29.VI.2005 (ISE) (all leg. I.S.E.).

SASSARI: Alghero, Mamuntanas, olivegrove, chemical knockdown, 1 male 6.VIII.2009 (MBG), 1 male and 1 female 27.VIII.2009, 2 females, 7.IX.2009 (ISE), 2 females, 3.X.2009 (MBG), 2 females 27.X.2009 (ISE) all leg. Ist. Ent. SS. Sassari, Lu Buttangaru, olive-grove, 3 females 30.IX.2008 leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, olive-grove, 1 female, 9.VII.1993, 1 female 6.VIII.1993 (ISE); orchard, 1 female 26.VI.1997 (ISE) (all beating tray and leg. Ist. Ent. SS).

### *Xysticus acerbus* Thorell, 1872

CHOROTYPE. Sibero-European.

REFERENCES. (10) Costa, 1885.

PROVINCE. Cagliari (10); Nuoro (10, ined.).

HABITAT. Cherry-orchard (ined.); hazelnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Manna-ritzò, m 706, cherry-orchard, 1 male 11-18.IV.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male 26.IV-30.V.2007 (ISE) (all pitfall traps and leg. I.S.E.).

### *Xysticus audax* (Schrank, 1803)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *X. pini*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Ogliastra (13).

### *Xysticus bifasciatus* C.L. Koch, 1837

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

***Xysticus bliteus*** (Simon, 1875)

CHOROTYPE. Mediterranean.

REFERENCES. (5) Pavesi, 1878; (13) Garneri, 1902; (84) Pesarini, 1994 (sub *Oxyptila blitea*); (132) Pantini & Sassu, 2009.

PROVINCE. (84); Medio Campidano (ined.); Olbia-Tempio (5, 13); Sassari (132).

HABITAT. Mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 2 males, 22.IX-6.X.2009 (ISE) 1 male 22.IX-6.X.2009 (MBG), 1 male and 1 juv. 8-22.IX.2009 (ISE) (all leg. Sassu A., Verdinelli M.).

***Xysticus bufo*** (Dufour, 1820)

CHOROTYPE. Mediterranean.

REFERENCES. (3) Pavesi, 1876 (sub *Oxyptila albimana*); (13) Garneri, 1902 (sub *Oxyptila bufo*); (84) Pesarini, 1994; (89) Wunderlich, 1995d (sub *Psammitis bufo*); (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (3, 13, 133, 139); Medio Campidano (ined.); Nuoro (ined.); Sassari (89, ined.).

HABITAT. Cherry-orchard (ined.); garrigue (ined.); olive-grove (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 1 male, 22.IX-6.X.2009, leg. Sassu A., Verdinelli M. (MBG). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 male 22.IX-6.X.2009, 1 male 6-20.X.2009 leg. Sassu A., Verdinelli M. (ISE).

NUORO: Belvi, Mannaritzò, m 706, cherry-orchard, pitfall traps, 1 male 4-11.X.2007 leg. I.S.E. (ISE). Gavoi, S'eremu e sa mela, m 1000, 1 female 30.XII.2006 leg. Mulas A. (MBG).

SASSARI: Alghero, Mamuntanas, olivegrove, chemical knockdown, 1 male 13.X.2009 leg. Ist. Ent. SS (ISE). Sassari, Lu Buttangaru, olive-grove,

chemical knockdown, 1 male 29.IX.2008 leg. Ist. Ent. SS (ISE).

***Xysticus caperatus*** Simon, 1875

CHOROTYPE. Mediterranean.

REFERENCES. (10) Costa, 1885; (84) Pesarini, 1994.

PROVINCE. (84); Olbia-Tempio (10).

***Xysticus cor*** Canestrini, 1873

CHOROTYPE. S-European.

REFERENCES. (2b) Canestrini, 1873; (2c) Canestrini, 1876; (13) Garneri, 1902; (18) Simon, 1932; (84) Pesarini, 1994.

PROVINCE. (2b, 2c, 13, 18, 84).

***Xysticus cristatus*** (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

**\**Xysticus erraticus*** (Blackwall, 1834)

CHOROTYPE. European.

HABITAT. Hazelnut-orchard (ined.); alder-grove (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, pitfall traps, 1 female 30.V-4.VII.2007 leg. I.S.E. (ISE). Fonni, Genargentu, mountain refuge, m 1550, alder-grove, pitfall traps, 1 female 26.IX-10.X.2006, 7 males and 2 females 5-19.VI.2007, 1 male 19.VI-1.VII.2007 leg. Fiori F. (ISE).

***Xysticus graecus*** C.L. Koch, 1837

CHOROTYPE. Turano-European.

REFERENCES. (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (84); Nuoro (139).

***Xysticus grallator*** Simon, 1932

CHOROTYPE. Sardo-Corsican endemic.

REFERENCES. (20) Krauss, 1955; (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (84); Medio Campidano (139); Olbia-Tempio (20).

**\**Xysticus ibex* Simon, 1875**

CHOROTYPE. Centro-European.

HABITAT. Orchard (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 male 10-18.II.1998 leg. Ist. Ent. SS (ISE).

***Xysticus kochi* Thorell, 1872**

CHOROTYPE. Sibero-European.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (20) Krauss, 1955; (84) Pesarini, 1994; (127) Loru et al., 2008.

PROVINCE. (20, 84, 127); Cagliari (8, 13); Nuoro (8, 13, ined.); Oristano (13); Sassari (ined.).

HABITAT. Cherry-orchard (ined.); orchard (ined.); hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Mannaritzò, m 706, cherry-orchard, pitfall traps, 1 male 18-26.IV.2007, 2 males 16-23.V.2007 (ISE); Su Ajone, m 585, hazelnut-orchard, beating tray, 1 female and 6 juv. 29.VI.2005 (MBG), 1 female and 2 juv. 1.VI.2005 (ISE) (all leg. I.S.E.).

OLBIA-TEMPIO: Olbia, Isola Molara, 2 females 25.II.1966 (MBG); Isola Tavolara, 1 female 24.II.1966 (MBG) (all leg. Gruppo Isole C.N.R.).

SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 male 15-22.IV.1998 leg. Ist. Ent. SS (ISE).

***Xysticus lanio* C.L. Koch, 1835**

CHOROTYPE. Sibero-European.

REFERENCES. (8) Costa, 1884; (13) Garneri, 1902; (84) Pesarini, 1994; (127) Loru et al., 2008; (139) Trotta, 2011.

PROVINCE. (8, 13, 84, 127); Carbonia-Iglesias (139); Nuoro (ined.).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, 1 male and 1 juv. 19.V.2005 (MBG), 1 male and 2 juv. 1.VI.2005,

1 female and 2 juv. 29.VI.2005 (ISE), 1 male 1.VI.2005 (MBG); Su Enazzu, m 550, hazelnut-orchard, 2 females and 1 juv. 16.VI.2005 (MBG) (all beating tray and leg. I.S.E.). Fonni, Talesso, 1 male 21.V.2008 leg. Pantaleoni R.A. and Loru L. (ISE).

***Xysticus luctuosus* (Blackwall, 1836)**

CHOROTYPE. Holarctic.

REFERENCES. (46) Thermes, 1972; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (46).

HABITAT. Hypogean habitat (46).

***Xysticus nubilus* Simon, 1875**

CHOROTYPE. Mediterranean.

REFERENCES. (18) Simon, 1932; (20) Krauss, 1955; (84) Pesarini, 1994.

PROVINCE. (18, 20, 84).

***Xysticus parallelus* Simon, 1873**

CHOROTYPE. Sardo-Corsican endemic.

REFERENCES. (18) Simon, 1932.

PROVINCE. (18).

***Xysticus sardiniensis* (Wunderlich, 1995)**

CHOROTYPE. Sardinian endemic.

REFERENCES. (89) Wunderlich, 1995d (sub *Psammitis sardiniensis*).

PROVINCE. Nuoro (89).

Family SALTICIDAE

***Aelurillus monardi* (Lucas, 1846)**

CHOROTYPE. Mediterranean.

REFERENCES. (13) Garneri, 1902 (sub A. Monardi); (84) Pesarini, 1994; (115) Hansen, 2005; (132) Pantini & Sassu, 2009.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (13); Nuoro (115); Olbia-Tempio (115); Sassari (115, 132).

***Aelurillus v-insignitus*** (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *Aelurops insignita*); (84) Pesarini, 1994.

PROVINCE. (13, 84).

***Asianellus festivus*** (C.L. Koch, 1834)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *Aelurops festiva*); (84) Pesarini, 1994 (sub *Aelurillus festivus*).

PROVINCE. (84); Cagliari (13).

***Ballus armadillo*** (Simon, 1871)

CHOROTYPE. W-Mediterranean.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994; (127) Loru et al., 2008.

PROVINCE. (84, 127); Carbonia-Iglesias (13); Nuoro (ined.).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, 1 female 19.V.2005 (ISE), 1 female 29.VI.2005, 1 female 27.VII.2005 (MBG); Su Enazzu, m 550, hazelnut-orchard, 1 female 19.V.2005 (ISE), 1 female 19.V.2005 (MBG) (all beating tray and leg. I.S.E.).

***Ballus chalybeius*** (Walckenaer, 1802)

CHOROTYPE. European.

REFERENCES. (13) Garneri, 1902 (sub *B. depressus*); (84) Pesarini, 1994 (sub *B. depressus*); (115) Hansen, 2005 (sub *B. depressus*); (127) Loru et al., 2008; (132) Pantini & Sassu, 2009.

PROVINCE. (84, 127); Nuoro (ined.); Ogliastra (13); Sassari (115, 132, ined.).

HABITAT. Hazelnut-orchard (127, ined.); olive-grove (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 female 1.VI.2005 leg. I.S.E. (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 female 1.VII.1993 leg. Ist. Ent. SS (ISE).

***Bianor albobimaculatus*** (Lucas, 1846)

CHOROTYPE. Afrotropico-Indo-Mediterranean.

REFERENCES. (8) Costa, 1884 (sub *Eris albomaculata*); (13) Garneri, 1902 (sub *Eris albo-bimaculata*); (20) Krauss, 1955; (84) Pesarini, 1994; (91) Fontana et al., 1996; (115) Hansen, 2005.

PROVINCE. (20, 84, 91); Cagliari (8, 13); Nuoro (115).

HABITAT. Damp area (91).

***Carrhotus xanthogramma*** (Latreille, 1819)

CHOROTYPE. Palearctic.

REFERENCES. (115) Hansen, 2005; (127) Loru et al., 2008.

PROVINCE. (127); Cagliari (115); Nuoro (ined.).

HABITAT. Hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, 1 male 1.VI.2005 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male and 2 females 19.V.2005 (MBG) (all beating tray and leg. I.S.E.). Tiana, m 522, hazelnut-orchard, beating tray, 1 female 4.V.2005 (MBG), 1 female 19.V.2005 (ISE) (all leg. I.S.E.).

***Chalcoscirtus infimus*** (Simon, 1868)

CHOROTYPE. Turano-European.

REFERENCES. (115) Hansen, 2005; (116) Helsing, 2005; (132) Pantini & Sassu, 2009.

PROVINCE. Medio Campidano (ined.); Nuoro (116, ined.); Ogliastra (115, 116); Olbia-Tempio (ined.); Oristano (ined.); Sassari (132, ined.).

HABITAT. Coastal dunes (ined.); garrigue (ined.); in drift (116); walnut-orchard (ined.); forest of *Quercus suber* (ined.); vineyard (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 200, garrigue, pitfall traps, 1 male 5-19.V.2009, 1 female 4-16.VI.2009 leg. Sassu A., Verdinelli M. (MBG).

NUORO: Belvi, Canale e' Figù, m 576, walnut-orchard, 1 male, 21-28.VI.2007, leg. I.S.E. (MBG).

ORISTANO: Cabras, Sinis, at sea level, coastal dunes, 4 males 20.IV.2003 leg. Pantini P., Magnati F. (MBG).

OLBIA-TEMPIO: Buddusò, near Nuraghe Loelle, forest of *Quercus suber*, beating tray, 1 male 24.V.1999, leg. Ist. Ent. SS (ISE).



SASSARI: Torralba, vineyard, 1 male 6.V.1995, 1 female 20.V.1995 leg. Ist. Ent. SS (ISE).

***Cyrba algerina*** (Lucas, 1846)

CHOROTYPE. Afrotropico-Indo-Mediterranean.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994; (115) Hansen, 2005; (139) Trotta, 2011.

PROVINCE. (84); Cagliari (115, 139); Nuoro (ined.); Oristano (13); Sassari (115, ined.).

EXAMINED MATERIAL. NUORO: Dorgali, Cala Sisine, 1 male 21.IV.2003 leg. Ferrario E. (MBG).

SASSARI: Sassari, Li Punti, Balduca, m 110, 1 male 23.V.2008 leg. Sassu A. (ISE).

**\**Dendryphantes hastatus*** (Clerck, 1757)

CHOROTYPE. Sibero-European.

EXAMINED MATERIAL. SASSARI: Sassari, Platamona, at sea level, 2 females, 22.V.2008, leg. Sassu A. (ISE).

***Euophrys frontalis*** (Walckenaer, 1802)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Olbia-Tempio (13).

***Euophrys gambosa*** (Simon, 1868)

CHOROTYPE. Mediterranean.

REFERENCES. (83) Pons, 1993; (116) Helsdingen, 2005; (132) Pantini & Sassu, 2009.

PROVINCE. Medio Campidano (ined.); Nuoro (83, 116); Sassari (132, ined.).

HABITAT. Hypogean habitat (83); orchard (ined.); garrigue (ined.); grassland along the mouth of the river (116); olive-grove (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 1 male 19.V-4.VI.2009 leg. Sassu A., Verdinelli M. (MBG). Guspini, Montevecchio, Piccalinna, m 225, mining landfills covered by pioneer plants, 1 male 3-15.VI.2009 (MBG); m 235, garrigue, 1 male

18.V-3.VI.2009, 2 males 3-15.VI.2009 (MBG) (all pitfall traps and leg. Sassu A., Verdinelli M.).

SASSARI: Sassari, Gioscari, olive-grove, chemical knockdown, 2 males and 1 female 14.X.2008, leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, orchard, beating tray, 1 male 16.V.1997 leg. Ist. Ent. SS (ISE).

**\**Euophrys herbigrada*** (Simon, 1871)

CHOROTYPE. European.

HABITAT. Walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Canale e' Figu, m 576, walnut-orchard, 1 male 16-23.V.2007, 1 female 28.VI-24.VII.2007, 1 female 24.VII-30.VIII.2007 (MBG) (all pitfall traps and leg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, 1 female 23.V-28.VI.2007, 1 female 24.VII-30.VIII.2007 (MBG) (all pitfall traps and leg. I.S.E.).

***Euophrys rufibarbis*** (Simon, 1868)

CHOROTYPE. Centralasiatic-European-Mediterranean.

REFERENCES. (3) Pavesi, 1876; (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (3, 13); Medio Campidano (ined.).

HABITAT. Garrigue (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 1 male 22.IX-6.X.2009, 1 male 6-20.X.2009 leg. Sassu A., Verdinelli M. (MBG). Guspini, Montevecchio, Piccalinna, m 235, garrigue, pitfall traps, 1 female 15-30.VI.2009 leg. Sassu A., Verdinelli M. (MBG).

***Euophrys sulphurea*** (L. Koch, 1867)

CHOROTYPE. E-Mediterranean.

REFERENCES. (10) Costa, 1885; (84) Pesarini, 1994.

PROVINCE. (84); Nuoro (ined.); Olbia-Tempio (10); Sassari (ined.).

HABITAT. Olive-grove (ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Canale e' Figù, m 576, walnut-orchard, pitfall traps, 1 male 16-23.V.2007 leg. I.S.E. (MBG).

SASSARI: Sassari, Gioscari, olive-grove, chemical knockdown, 1 female 6.VIII.2008 leg. Ist. Ent. SS (MBG).

***Euophrys terrestris*** (Simon, 1871)

CHOROTYPE. Mediterranean.

REFERENCES. (6) Magretti, 1880 (sub *Attus terrestris*); (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Nuoro (13); Oristano/Nuoro (6); Sassari (13).

***Evarcha falcata*** (Clerck, 1757)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *Hasarius falcatus*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

***Evarcha jucunda*** (Lucas, 1846)

CHOROTYPE. Mediterranean.

REFERENCES. (8) Costa, 1884 (sub *Hasarius jucundus*); (13) Garneri, 1902 (sub *Hasarius jucundus*); (20) Krauss, 1955; (84) Pesarini, 1994; (114) Grill et al., 2005; (115) Hansen, 2005; (127) Loru et al., 2008; (139) Trotta, 2011.

PROVINCE. (84, 114, 127); Cagliari (115, ined.); Carbonia-Iglesias (139); Nuoro (8, 13, 115, ined.); Ogliastra (13); Olbia-Tempio (20, 115); Sassari (ined.).

HABITAT. Citrus-grove (ined.); cherry-orchard (ined.); hazelnut-orchard (127, ined.); olive-grove (ined.); shrublands and trees (114); vineyard (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 1 female 11.IX.2000, 1 male 23.X.2000, 1 female 13.XI.2000 leg. CRAS (ISE).

NUORO: Belvi, Mannaritzò, m 706, cherry-orchard, 1 male and 1 female 16-23.V.2007 (ISE); Su Enazzu, m 550, hazelnut-orchard, 1 male 5-21.IX.2006 (ISE) (all pitfall traps and leg. I.S.E.). Tiana, m 522, hazelnut-orchard, beating tray, 1 male 19.V.2005 leg. I.S.E. (ISE).

SASSARI: Alghero, Mamuntanas, olive-grove,

chemical knockdown, 1 male 6.VIII.2009, 1 male 30.IX.2009, 1 male 7.X.2009 leg. Ist. Ent. SS (ISE). Torralba, vineyard, 1 male and 1 female 23.VII.1994, 1 female 1.X.1994, 1 female 29.VII.1995, 1 male 22.VII.1995, 1 male and 1 female 23.IX.1995 leg. Ist. Ent. SS (ISE).

***Heliophanus apiatus*** Simon, 1868

CHOROTYPE. S-European.

REFERENCES. (20) Krauss, 1955; (46) Thermes, 1972; (84) Pesarini, 1994; (94) Arnò et al., 1998; (115) Hansen, 2005; (127) Loru et al., 2008; (132) Pantini & Sassu, 2009; (139) Trotta, 2011.

PROVINCE. (84, 127); Cagliari (46, 139); Carbonia-Iglesias (139); Medio Campidano (139); Nuoro (ined.); Ogliastra (115); Olbia-Tempio (115); Sassari (20, 94, 132, ined.).

HABITAT. Avenue of lime trees (94); hypogean habitat (46); cherry-orchard (ined.); orchard (ined.); hazelnut-orchard (127, ined.); walnut-orchard (ined.); olive-grove (ined.); vineyard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 male 11-18.IV.2007, 1 male 27.IX-4.X.2007 (ISE); Canale e' Figù, m 576, walnut-orchard, 1 male 22-29.II.2008 (ISE); Mannaritzò, m 706, cherry-orchard, 2 males 18-26.IV.2007 (ISE); Su Ajone, m 585, hazelnut-orchard, 1 female 19-27.VII.2005 (ISE) (all in bark traps and leg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, bark traps, 1 male 18-26.IV.2007 leg. I.S.E. (ISE).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 male 7.X.2009 leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, orchard, bark traps, 1 female 26.VI-2.VII.1997, 1 male 2-9.XII.1997 leg. Ist. Ent. SS (ISE). Torralba, vineyard, 1 male 14.V.1994, 2 females 4.VI.1994, 1 female and 4 juv. 9.VII.1994, 1 male and 1 juv. 24.IX.1994, 1 female 6.V.1995, 1 male 17.VI.1995, 1 female 1.VII.1995, 4 males and 6 juv. 26.VIII.1995, 1 female 5.VIII.1995, 4 males 12 juv., 9.IX.1995, 1 male and 15 juv., 2.IX.1995, 2 males and 10 juv. 16.IX.1995, 10 males and 4 juv. 30.IX.1995, 8 males and 2 juv. 23.IX.1995, 13 males, 1 female and 3 juv. 7.X.1995, 1 male and 1 juv. 14.X.1995 leg. Ist. Ent. SS (ISE).

***Heliophanus auratus*** C.L. Koch, 1835

CHOROTYPE. Asiatic-European.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Oristano (13).

***Heliophanus cupreus*** (Walckenaer, 1802)

CHOROTYPE. Sibero-European.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902; (20) Krauss, 1955; (30) Cerruti, 1968; (84) Pesarini, 1994; (115) Hansen, 2005; (127) Loru et al., 2008.

PROVINCE. (84, 127); Cagliari (13, 30); Nuoro (ined.); Ogliastra (115); Oristano (10); Sassari (20).

HABITAT. Hypogean habitat (20, 30); hazelnut-orchard (127, ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Ajone, m 585, hazelnut-orchard, beating tray, 1 male 4.V.2005 (ISE), 1 male 29.VI.2005 (MBG); Su Enazzu, m 550, hazelnut-orchard, bark traps, 1 female, 16-23.VI.2005 (MBG), 1 female 16-23.VI.2005 (ISE) (all leg. I.S.E.). Tiana, m 522, hazelnut-orchard, beating tray, 1 female 19.V.2005, 1 female 1.VI.2005 leg. I.S.E. (MBG).

***Heliophanus flavipes*** (Hahn, 1832)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994; (115) Hansen, 2005.

PROVINCE. (84); Cagliari (13); Nuoro/Ogliastra (13); Ogliastra (13); Olbia-Tempio (115).

***Heliophanus kochii*** Simon, 1868

CHOROTYPE. European-Mediterranean.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994; (109) Logunov, 2004; (114) Grill et al., 2005; (133) Trotta, 2009; (139) Trotta, 2011.

PROVINCE. (84, 114); Cagliari (13); Carbonia-Iglesias (13, 139); Medio Campidano (139); Ogliastra (13); Olbia-Tempio (109, 133); Sassari (ined.).

HABITAT. Shurblands and trees (114).

EXAMINED MATERIAL. OLBIA-TEMPIO: Olbia, Murta Maria, 1 female 28.VI.1993 leg. Gusmini (MBG).

***Heliophanus melinus*** L. Koch, 1867

CHOROTYPE. Centralasiatic-European.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Oristano (13).

***Heliophanus rufithorax*** Simon, 1868

CHOROTYPE. Mediterranean.

REFERENCES. (10) Costa, 1885; (84) Pesarini, 1994; (115) Hansen, 2005.

PROVINCE. (10, 84); Cagliari (ined.); Nuoro (115, ined.); Ogliastra (115); Olbia-Tempio (115); Sassari (115, ined.).

HABITAT. Walnut-orchard (ined.); pinewood (ined.); vineyard (ined.).

EXAMINED MATERIAL. CAGLIARI: Pula, Pixina Manna, m 140, pinewood, emergence cages, 1 male 21.IV.2009, 1 female 25.V.2009 leg. Ist. Ent. SS (ISE).

NUORO: Belvi, Canale e' Figù, m 576, walnut-orchard, pitfall traps, 1 female 21-28.VI.2007 leg. I.S.E. (ISE).

SASSARI: Torralba, vineyard, 1 male 24.VI.1995 leg. Ist. Ent. SS (ISE).

***Heliophanus tribulosus*** Simon, 1868

CHOROTYPE. Sibero-European.

REFERENCES. (78) Hansen, 1986.

PROVINCE. (78).

***Icius congener*** Simon, 1871

CHOROTYPE. W-Mediterranean.

REFERENCES. (20) Krauss, 1955 (sub *I. nebulosus*); (84) Pesarini, 1994.

PROVINCE. (20, 84).

***Icius hamatus*** (C.L. Koch, 1846)

CHOROTYPE. Mediterranean.

REFERENCES. (10) Costa, 1885 (sub *I. striatus*); (13) Garneri, 1902 (sub *I. striatus*); (78) Hansen, 1986; (84) Pesarini, 1994; (94) Arnò et al., 1998; (115) Hansen, 2005; (127) Loru et al., 2008; (134); Marras et al., 2011.

PROVINCE. (78, 84, 127, 134); Cagliari (13, ined.); Nuoro (ined.); Oristano (10); Sassari (94, 115, ined.).

HABITAT. Citrus-grove (ined.); avenue of lime trees (94); cherry-orchard (ined.); orchard (134, ined.); hazelnut-orchard (127, ined.); walnut-orchard (ined.); olive-grove (ined.); alder-grove (ined.); vineyard (ined.).

EXAMINED MATERIAL. CAGLIARI: Uta, S'Appassiu, Agris farm, citrus-grove, beating tray, 2 males and 5 females 19.VI.2000, 1 male and 3 females, 29.VI.2000, 2 females 31.VII.2000, 5 females 20.VII.2000, 2 males and 6 females 31.VIII.2000, 3 females 10.VIII.2000, 2 females 21.VIII.2000, 3 males and 2 females 21.IX.2000, 1 male and 1 female 11.IX.2000, 1 female 20.X.2000, 3 males and 5 females 23.X.2000, 3 males and 3 females 12.X.2000, 1 male and 2 females 4.X.2000, 1 male and 1 female 2.XI.2000, 1 male 23.XI.2000, 1 female 4.XII.2000 leg. CRAS (ISE).

NUORO: Belvi, Mannaritzò, m 706, cherry-orchard, bark traps, 1 male 18-26.IV.2007, 1 male and 1 female 4-11.X.2007 (ISE); Su Ajone, m 585, hazelnut-orchard, beating tray, 1 male 1.VI.2005 (ISE); Su Enazzu, m 550, hazelnut-orchard, bark traps, 1 female 29.IX-6.X.2005 (MBG) (all leg. I.S.E.). Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, bark traps, 1 male 25.VII-2.VIII.2006 leg. Fiori F. (ISE). Tiana, m 522, hazelnut-orchard, bark traps, 1 female 11-18.V.2005 (MBG), 1 female 23-29.VI.2005 (ISE), 2 females 23-29.VI.2005, 1 male 8-16.VI.2005 (MBG), 1 male 8-16.VI.2005 (ISE), 1 female 27.VII-5.VIII.2005, 1 female 19-27.VII.2005, 1 female 10-17.VIII.2005, 1 female 5-10.VIII.2005, 1 male 29.IX-6.X.2005, 1 female 6-12.X.2005 (MBG) (all leg. I.S.E.). Tonara, Su Azzime, m 682, walnut-orchard, bark traps, 1 male 4-11.X.2007 leg. I.S.E. (ISE).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 male, 29.III.1993, 1 male, 1 female and 8 juv. 29.IV.1993, 1 male 3.VI.1993, 1 male and 2 females 25.VI.1993, 1 male, 2 females and 3 juv. 9.VII.1993, 2 males, 1 female and 7 juv. 16.IX.1993, 1 male 9.IX.1993, 1 male, 1 female and 23 juv. 2.IX.1993, 1 male and 1 juv. 11.XI.1993 (ISE), olive-grove, 1 male and 1 female 6.V.1993 (ISE); orchard, bark traps, 2 males 24.XI-2.XII.1997 (ISE); orchard, 1 female 2.XII.1997 (ISE) (all leg. Ist. Ent. SS). Torralba, vineyard, 1 male and 1 juv. 14.V.1994, 1 male, 2 females and 8 juv. 9.VII.1994, 1 male, 1 female and 1 juv. 3.VI.1995, 3 males and 1 female 24.VI.1995, 1 female 29.VII.1995, 1 male 22.VII.1995, 1 male

15.VII.1995, 1 male and 2 females 8.VII.1995, 1 female and 23 juv. 26.VIII.1995, 1 male, 2 females and 17 juv. 16.IX.1995, 1 male and 18 juv. 2.IX.1995, 1 male and 14 juv. 14.X.1995, 2 males and 2 females 7.X.1995, 2 males, 2 females and 7 juv. 21.X.1995 (ISE); vineyard, beating tray, 1 female 6.VIII.1994, 1 male and 11 juv. 10.IX.1994 (ISE) (all leg. Ist. Ent. SS).

#### *Icius subinermis* Simon, 1937

CHOROTYPE. Mediterranean.

REFERENCES. (8) Costa, 1884 (sub *I. Notabilis*); (13) Garneri, 1902 (sub *I. Notabilis*); (20) Krauss, 1955 (sub *I. Notabilis*); (84) Pesarini, 1994.

PROVINCE. (84); Nuoro (8, 13, ined.); Sassari (20).

EXAMINED MATERIAL. NUORO: Dorgali, on the pathway to Su Gorroppu, m 200, 1 female 23.IV.2003 leg. Pantini P., Magnati F. (MBG).

#### *Leptorchestes mutilloides* (Lucas, 1846)

CHOROTYPE. Mediterranean.

REFERENCES. (20) Krauss, 1955; (84) Pesarini, 1994; (115) Hansen, 2005.

PROVINCE. (84); Sassari (20, 115).

#### *Macaroeris nidicolens* (Walckenaer, 1802)

CHOROTYPE. S-European.

REFERENCES. (10) Costa, 1885 (sub *Dendryphantes nidicolens*); (84) Pesarini, 1994 (sub *Eris nidicolens*); (132) Pantini & Sassu, 2009.

PROVINCE. (84); Olbia-Tempio (10, ined.); Sassari (132, ined.).

HABITAT. Olive-grove (ined.).

EXAMINED MATERIAL. OLBIA-TEMPIO: Telti, Rio Almiddina, 1 male 20.V.2008 leg. Sassu A. (ISE).

SASSARI: Alghero, Mamuntanas, olive-grove, chemical knockdown, 1 female 6.IX.2009 leg. Ist. Ent. SS (ISE). Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 female 22.VII.1993 leg. Ist. Ent. SS (ISE).

#### *Marpissa muscosa* (Clerck, 1757)

CHOROTYPE. Sibero-European.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994; (127) Loru et al., 2008.



PROVINCE. (84, 127); Carbonia-Iglesias (13); Nuoro (ined.).

HABITAT. Hazelnut-orchard (127, ined.); walnut-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Su Enazzu, m 550, hazelnut-orchard, bark traps, 5 males, 5 females and 16 juv. 6-13.X.2004, 2 males 13-20.X.2004, 1 male, 2 females and 1 juv. 20-27.X.2004, 2 males, 1 female and 7 juv. 15-22.III.2005 leg. I.S.E. (MBG). Tonara, Su Azzime, m 682, walnut-orchard, bark traps, 1 female 24-30.VIII.2007 leg. I.S.E. (ISE).

***Marpissa pomatia*** (Walckenaer, 1802)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

***Mendoza canestrinii*** (Ninnii, 1868)

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885 (sub *Hycitia Canestrinii*); (13) Garneri, 1902 (sub *Hycitia Canestrinii*); (84) Pesarini, 1994 (sub *Mithion canestrinii*).

PROVINCE. (13, 84); Oristano (10).

***Menemerus semilimbatus*** (Hahn, 1829)

CHOROTYPE. Holarctic.

REFERENCES. (10) Costa, 1885 (sub *M. semilimbatus*); (11) de Carlini, 1885; (13) Garneri, 1902; (84) Pesarini, 1994; (94) Arnò et al., 1998.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (11, 13); Nuoro (10); Ogliastra (13); Sassari (94).

HABITAT. Avenue of lime trees (94).

***Mogrus frontosus*** (Simon, 1871)

CHOROTYPE. Sardo-Corsican endemic.

REFERENCES. (84) Pesarini, 1994.

PROVINCE. (84).

REMARKS. Species known in Corse, Pesarini records it in his checklist without supplying any other information, its presence in Sardinia needs further confirmation.

***Myrmarachne formicaria*** (De Geer, 1778)

CHOROTYPE. Palearctic.

REFERENCES. (13) Garneri, 1902 (sub *Salticus formicarius*); (84) Pesarini, 1994; (139) Trotta, 2011.

PROVINCE. (13, 84); Carbonia-Iglesias (139).

***Neaetha membrosa*** (Simon, 1868)

CHOROTYPE. S-European.

REFERENCES. (20) Krauss, 1955 (sub *N. membranosa*); (84) Pesarini, 1994.

PROVINCE. (84); Medio Campidano (ined.); Nuoro (ined.); Olbia-Tempio (20).

HABITAT. Cherry-orchard (ined.); mining landfills covered by pioneer plants (ined.).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Arbus, Ingurtosu, Naracauli, m 170, mining landfills covered by pioneer plants, pitfall traps, 1 female 4-16.VI.2009, 1 female 29.VI-14.VII.2009 leg. Sassu A., Verdinelli M. (MBG). Guspini, Montevocchio, Piccalinna, m 225, mining landfills covered by pioneer plants, pitfall traps, 1 male 18.V-3.VI.2009, 1 male 3-15.VI.2009 leg. Sassu A., Verdinelli M. (MBG).

NUORO: Belvi, Mannaritzò, m 706, cherry-orchard, pitfall traps, 1 female 21-28.VI.2007 leg. I.S.E. (ISE).

***Pellenes arciger*** (Walckenaer, 1837)

CHOROTYPE. S-European.

REFERENCES. (10) Costa, 1885 (sub *P. arcigerus*); (13) Garneri, 1902 (sub *P. arcigerus*); (84) Pesarini, 1994; (100) Metzner, 1999.

PROVINCE. (84); Cagliari (10); Nuoro (10); Ogliastra (13, 100); Sassari (ined.).

HABITAT. Olive-grove (ined.); Strand (100).

EXAMINED MATERIAL. SASSARI: Sassari, Gioiscari, olive-grove, 1 male 20.VIII.2009 (MBG); Lu Buttangaru, olive-grove, 2 males 29.IX.2009, 1 female 13.X.2009 (MBG) (all chemical knockdown and leg. Ist. Ent. SS).

***Pellenes geniculatus*** (Simon, 1868)

CHOROTYPE. Centralasiatic-Mediterranean.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13).

***Pellenes nigrociliatus*** (Simon, 1875)

CHOROTYPE. Palearctic.

REFERENCES. (91) Fontana et al., 1996.

PROVINCE. Olbia-Tempio (91).

***Philaeus chrysops*** (Poda, 1761)

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885; (13) Garneri, 1902; (84) Pesarini, 1994; (115) Hansen, 2005.

PROVINCE. (84); Cagliari (13, 115); Nuoro (10); Oristano (10).

***Phlegra bresnieri*** (Lucas, 1846)

CHOROTYPE. Afrotropico-Mediterranean.

REFERENCES. (7a) Costa, 1882 (sub *Attus bresnieri*); (8) Costa, 1884 [sub *P. (Attus) bresnieri*]; (13) Garneri, 1902; (20) Krauss, 1955; (84) Pesarini, 1994; (100) Metzner, 1999; (115) Hansen, 2005; (120) Logunov & Azarkina, 2006; (132) Pantini & Sassu, 2009.

PROVINCE. (20, 84); Cagliari (8, 13); Medio Campidano (120); Nuoro (ined.); Ogliastra (100, 115); Oristano (7a, 8, 13, 120); Sassari (132, ined.).

HABITAT. Cultivated land, olive and almond trees, with grass *Euphorbia* and *Cirsium* (under Granite rocks) (120); marshy grassland with *Cirsium* (under stone) (120); walnut-orchard (ined.); olive trees with grass, sheep pasture and slightly moist grass (120); olive-grove (ined.); stony pastures with stonewalls, *Rubus fruticosus*, *Juniperus communis* (120); Strand (100).

EXAMINED MATERIAL. NUORO: Tonara, Su Azzime, m 682, walnut-orchard, pitfall traps, 1 female 16-23.V.2007 leg. I.S.E. (ISE).

SASSARI: Sassari, Gioscari, olive-grove, 1 male 22.IX.2008 1 (MBG); Lu Buttangaru, olive-grove, 3 males and 1 female 29.IX.2009 (MBG) (all chemical knockdown and leg. Ist. Ent. SS).

***Phlegra lineata*** (C.L. Koch, 1846)

CHOROTYPE. Mediterranean.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (13, 84).

***Plexippus paykulli*** (Audouin, 1826)

CHOROTYPE. Subcosmopolitan.

REFERENCES. (13) Garneri, 1902 (sub *Hasarius Paykulli*); (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (13); Oristano (13).

***Pseudeuophrys erratica*** (Walckenaer, 1826)

CHOROTYPE. Holarctic.

REFERENCES. (13) Garneri, 1902 (sub *Euophrys erratica*); (84) Pesarini, 1994 (sub *Euophrys erratica*); (127) Loru et al., 2008.

PROVINCE. (84, 127); Cagliari (13); Nuoro (ined.); Ogliastra (13).

HABITAT. Hazelnut-orchard (127); walnut-orchard (ined.); alder-grove (ined.).

EXAMINED MATERIAL. NUORO: Fonni, Gennargentu, mountain refuge, m 1550, alder-grove, bark traps, 1 female 27-4.X.2006 leg. Fiori F. (ISE). Tonara, Su Azzime, m 682, walnut-orchard, bark traps, 1 female 16-23.V.2007 leg. I.S.E. (ISE).

\**Pseudeuophrys nebrodensis* Alicata et Cantarella, 2000

CHOROTYPE. Tyrrhenian endemic.

HABITAT. Alder-grove (ined.); hazelnut-orchard (ined.); under *Juniperus* sp. (ined.).

EXAMINED MATERIAL. NUORO: Belvì, Su Ajone, m 585, hazelnut-orchard, bark traps, 1 female 18-25.V.2005, 1 female 23-29.VI.2005, 2 females 1-8.VI.2005, 1 female 8-16.VI.2005, 1 female 19-27.VII.2005 leg. I.S.E. (MBG). Desulo, Gennargentu, mountain refuge, m 1500, alder-grove, bark traps, 2 females and 1 juv. 26.IX-3.X.2006, 1 female 5-13.IX.2006, 2 females 3-10.X.2006 (ISE); under *Juniperus* sp., pitfall traps, 1 male 10-24.V.2007 (ISE) (all leg. Fiori F.).

***Pseudeuophrys vafra*** (Blackwall, 1867)

CHOROTYPE. European-mediterranean.

REFERENCES. (100) Metzner, 1999; (115) Hansen, 2005; (116) Helsdingen, 2005.

PROVINCE. Medio Campidano (ined.); Nuoro (116, ined.); Ogliastra (100, 115, 116).

HABITAT. Inside house (116); mediterranean maquis (ined.); walnut-orchard (ined.); Strand (100).

EXAMINED MATERIAL. MEDIO CAMPIDANO: Guspini, Montevecchio, Piccalinna, m 260, mediterranean maquis, pitfall traps, 2 males 15-30.VI.2009, 2 females 13-27.VII.2009 leg. Sassu A., Verdinelli M. (MBG).

NUORO: Belvi, Canale e' Figù, m 576, walnut-orchard, 1 female 17-24.VII.2007 leg. I.S.E. (MBG).

*Pseudicius encarpatus* (Walckenaer, 1802)

CHOROTYPE. European.

REFERENCES. (84) Pesarini, 1994; (94) Arnò et al., 1998; (127) Loru et al., 2008.

PROVINCE. (84, 127); Nuoro (ined.); Sassari (94, ined.).

HABITAT. Avenue of lime trees (94); cherry-orchard (ined.); orchard (ined.); hazelnut-orchard (127); olive-grove (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, 1 female 17-24.VII.2007 (ISE); Mannaritzò, m 706, cherry-orchard, 1 female 4-11.X.2007 (ISE) (all in bark traps and leg. I.S.E.).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 male 1.VII.1993 (ISE); orchard, bark traps, 1 female 24-31.VII.1997, 1 male and 1 juv. 11-19.VI.1998 (ISE) (all leg. Ist. Ent. SS).

*Saitis barbipes* (Simon, 1868)

CHOROTYPE. Mediterranean.

REFERENCES. (115) Hansen, 2005.

PROVINCE. Sassari (115, ined.).

EXAMINED MATERIAL. SASSARI: Sassari, Li Punti, Balduca, m 110, 1 male 15.VI.2008 leg. Sassu A. (ISE).

*Salticus conjunctus* (Simon, 1868)

CHOROTYPE. S-European.

REFERENCES. (20) Krauss, 1955; (84) Pesarini, 1994; (115) Hansen, 2005.

PROVINCE. (20, 84); Olbia-Tempio (115).

*Salticus mutabilis* (Lucas, 1846)

CHOROTYPE. Turano-European.

REFERENCES. (13) Garneri, 1902 (sub *Calliethera mutabilis*); (84) Pesarini, 1994; (94) Arnò et al., 1998; (115) Hansen, 2005; (132) Pantini & Sassu, 2009; (133) Trotta, 2009.

PROVINCE. (84); Cagliari (13); Carbonia-Iglesias (133, ined.); Ogliastra (115); Oristano (ined.), Sassari (94, 115, 132, ined.).

HABITAT. Avenue of lime trees (94); orchard (ined.); olive-grove (ined.); vineyard (ined.).

EXAMINED MATERIAL. CARBONIA-IGLESIAS: Sant'Antioco, 1 male 25.IV.2003 leg. Ferrario E. (MBG).

ORISTANO: Cabras, San Giovanni in Sinis, 2 males and 1 juv. 26.IV.2003 leg. Pantini P., Magnati F. (MBG).

SASSARI: Sorso, Pianu Mannu, Nali farm, olive-grove, beating tray, 1 male 9.VI.1993 (ISE); orchard, bark traps, 1 male 15-22.IV.1998, 1 female 11-19.VI.1998 (ISE) (all leg. Ist. Ent. SS). Torralba, vineyard, 1 female 17.VI.1995 leg. Ist. Ent. SS (ISE).

*Salticus scenicus* (Clerck, 1757)

CHOROTYPE. Holarctic.

REFERENCES. (6) Magretti, 1880 (sub *Epiblemum scenicum*); (8) Costa, 1884 (sub *Callethera scenica*); (13) Garneri, 1902 (sub *Calliethera scenica*); (84) Pesarini, 1994.

PROVINCE. (8, 84); Oristano (6, 13).

HABITAT. Common inside houses (8).

*Salticus zebraneus* (C.L. Koch, 1837)

CHOROTYPE. Palearctic.

REFERENCES. (94) Arnò et al., 1998.

PROVINCE. Nuoro (ined.); Sassari (94).

HABITAT. Avenue of lime trees (94); cherry-orchard (ined.).

EXAMINED MATERIAL. NUORO: Belvi, Antonitzò, m 683, cherry-orchard, bark traps, 1 male 21-28.VI.2007 leg. I.S.E. (ISE).

*Sitticus pubescens* (Fabricius, 1775)

CHOROTYPE. Holarctic.

REFERENCES. (84) Pesarini, 1994.

PROVINCE. (84).

***Synageles albotrimaculatus*** (Lucas, 1846)

CHOROTYPE. W-Mediterranean.

REFERENCES. (13) Garneri, 1902; (84) Pesarini, 1994.

PROVINCE. (84); Carbonia-Iglesias (13); Sassari (ined.).

HABITAT. Vineyard (ined.).

EXAMINED MATERIAL. SASSARI: Torralba, vineyard, 1 female 24.VI.1995, 1 female 3.VI.1995 leg. Ist. Ent. SS (ISE).

***Synageles venator*** (Lucas, 1836)

CHOROTYPE. Palearctic.

REFERENCES. (10) Costa, 1885; (84) Pesarini, 1994.

PROVINCE. (84); Cagliari (10).

**\**Talavera aequipes*** (O.P.-Cambridge, 1871)

CHOROTYPE. Palearctic.

HABITAT. Orchard (ined.).

EXAMINED MATERIAL. SASSARI: Sorso, Pianu Mannu, Nali farm, orchard, pitfall traps, 1 female 24-31.VII.1997 leg. Ist. Ent. SS (ISE).

***Thyene imperialis*** (Rossi, 1846)

CHOROTYPE. Indo-Mediterranean.

REFERENCES. (8) Costa, 1884 (sub *Thya imperialis*); (13) Garneri, 1902; (20) Krauss, 1955; (84) Pesarini, 1994; (114) Grill et al., 2005.

PROVINCE. (84, 114); Cagliari (8, 13); Olbia-Tempio (20).

HABITAT. Agricultural land (114).

***Yllenus univittatus*** (Simon, 1871)

CHOROTYPE. European (?).

REFERENCES. (10) Costa, 1885; (84) Pesarini, 1994;

PROVINCE. (84); Cagliari (10)

REMARKS. Species known only in France, Pesarini records it in his checklist probably on the basis of Costa's old citation (1885), its presence in Sardinia needs further confirmation.

**CONSIDERATIONS ABOUT SARDINIAN ARANEOFAUNA**

In this work, 495 species are reported (30.6% of those known in Italy) which belong to 229 genera divided into 43 families. Among these, the Philodromidae *Philodromus bosmansii* is reported for the first time in Europe, while the following are reported for the first time in Italy: the Gnaphosidae *Setaphis parvula*, the Linyphiidae *Centromerus succinus* and *Hybocoptus corrugis* and the Prodidomidae *Zimirina brevipes*. For the latter species and for its family, this is the first sighting in Italy. As well as these 6 species, a further 37 species are reported for the first time in Sardinia (Table 2).

Regarding distribution (Fig. 3), Cagliari, Sassari and Nuoro are the provinces with the highest number of species reported. In the Cagliari area, the 218 species reported are related to 50 publications, however most of the data are linked to the old works of Garneri (1902) and Costa (1884, 1885). No specific studies have been carried out in the province of Cagliari but among the most recent contributions which report data about Sardinian araneofauna, those by Argiolas et al. (1970), Thermes (1972) and Trotta (2011) deserve a mention. A good number of species were also reported on the basis of newly examined material. Regarding the province of Sassari (52 publications, 213 species) and the province of Nuoro (46 publications, 212 species), newly examined material from studies in olive groves, vineyards and fruit orchards in the Sassari area and from studies in the mountainous environment of the Nuoro area was crucial. It was collected by the Sassari section of the ISE and is published in this catalogue. For the Sassari province we can also mention the analysis of tree spiders collected in a tree-lined street in Sassari (Arnò et al., 1998) and the study of the spiders on the Island of Asinara (Pantini & Sassu, 2009). We know less about the other provinces: for Carbonia-Iglesias (39 publications, 141 species) Trotta's recent contribution (2011) is important as well as data from old publications; for Ogliastra area (43 publications, 133 species) contributions by Garneri (1902) and Helsinggen (2005) are useful; the newly examined material from studies in cork-oak forests and Trotta's publication (2009) on the islands around Sardinia are important for Olbia-Tempio province (32 publications, 103 species); for Medio Campidano (16 pu-



Family and species	Family and species
FILISTATIDAE	ZODARIIDAE
<i>Pritha nana</i>	<i>Zodarion gallicum</i>
THERIDIIDAE	PRODIDOMIDAE
<i>Dipoena coracina</i>	<i>Zimirina brevipes</i> *
<i>Rhomphaea nasica</i>	GNAPHOSIDAE
<i>Theridion hannoniae</i>	<i>Drassodes luteomicans</i>
LINYPHIIDAE	<i>Leptodrassus femineus</i>
<i>Centromerus subalpinus</i>	<i>Micaria albovittata</i>
<i>Centromerus succinus</i> *	<i>Micaria cyrnea</i>
<i>Diplostyla concolor</i>	<i>Nomisia recepta</i>
<i>Hybocoptus corrugis</i> *	<i>Phaeocedus braccatus</i>
<i>Meioneta mollis</i>	<i>Setaphis parvula</i> *
<i>Micrargus subaequalis</i>	<i>Trachyzelotes pedestris</i>
<i>Nematogmus sanguinolentus</i>	<i>Zelotes dentatidens</i>
<i>Pocadicnemis juncea</i>	<i>Zelotes egregius</i>
<i>Syedra nigrotibialis</i>	PHILODROMIDAE
<i>Walckenaeria antica</i>	<i>Philodromus bosmansii</i> *
<i>Walckenaeria stylifrons</i>	<i>Philodromus buxi</i>
ARANEIDAE	THOMISIDAE
<i>Araneus marmoreus</i>	<i>Ozyptila sanctuaria</i>
<i>Araneus quadratus</i>	<i>Xysticus erraticus</i>
LYCOSIDAE	<i>Xysticus ibex</i>
<i>Pirata tenuitarsis</i>	SALTICIDAE
ZORIDAE	<i>Dendryphantes hastatus</i>
<i>Zora manicata</i>	<i>Euophrys herbigrada</i>
AGELENIDAE	<i>Pseudeuophrys nebrodensis</i>
<i>Textrix pinicola</i>	<i>Talavera aequipes</i>
LIOCRANIDAE	
<i>Agraecina lineata</i>	

Table 2. List of the species which appear to be newly reported for Sardinian araneofauna. Marked with an asterisk are those newly reported for Italy.

blications, 101 species) the outstanding new material examined from studies in a disused mining area and Trotta's recent contribution (2011) are fundamental while for the province of Oristano (30 publications;

100 species) reports mostly come from old works.

The chorotypes of the species discovered are listed in table 3 and reproduced, in uniform groups in figure 14. Together with a small percentage of

Chorotype	n. sp.	%
Cosmopolitan	12	2,40
Subcosmopolitan	6	1,20
Holarctic	59	11,90
<b>Widely spread in the Palearctic Region</b>	<b>171</b>	<b>34,50</b>
Palaearctic	85	17,20
W-Palaearctic	1	0,20
Asiatic-European	13	2,60
Sibero-European	34	6,90
Centralasiatic-European-Mediterranean	1	0,20
Centralasiatic-European	5	1,00
Centralasiatic-Mediterranean	5	1,00
Turano-European-Mediterranean	3	0,60
Turano-European	13	2,60
Turano-Mediterranean	5	1,00
Europeo-Mediterranean	6	1,20

<b>European</b>	<b>84</b>	<b>17,00</b>
European	51	10,30
Centraleuropean	1	0,20
S-European	32	6,50
<b>Mediterranean</b>	<b>109</b>	<b>22,00</b>
Mediterranean	60	12,10
W-Mediterranean	43	8,70
<b>Afrotropicals</b>	<b>6</b>	<b>1,20</b>
Afrotropico-Indo-Mediterranean	4	0,80
Afrotropico-Mediterranean	1	0,20
Indo-Mediterranean	1	0,20
<b>Endemic</b>	<b>54</b>	<b>10,90</b>
Italian endemic	1	0,20
Tyrrhenian endemic	12	2,40
Sardo-Corsican endemic	10	2,00
Sardinian endemic	31	6,30

Table 3. List of chorotypes for the species present in Sardinia.

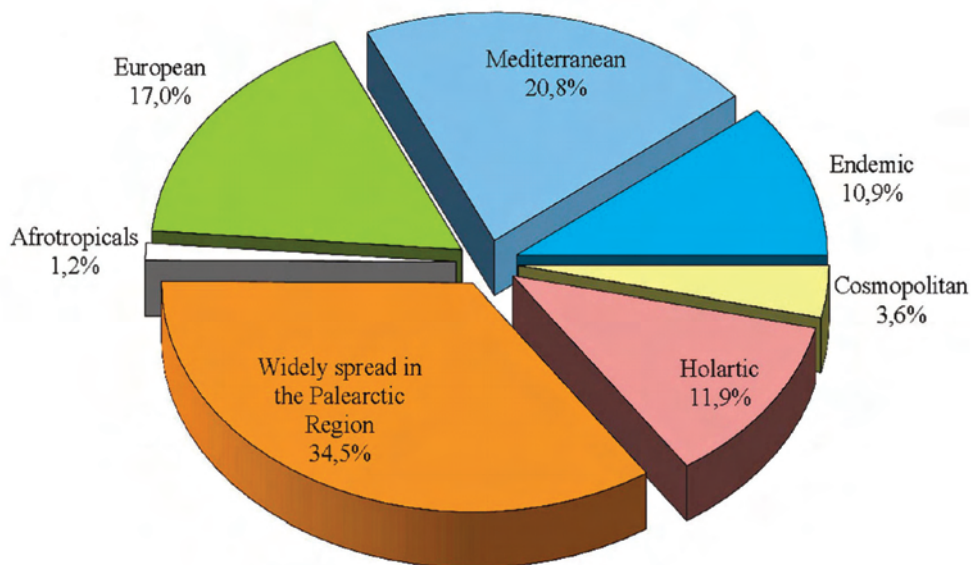


Figure 14. Chorological spectrum of Sardinian araneofauna.

Cosmopolitan or Sub-cosmopolitan species, more than half of the species present in the Region have a wide distribution divided into: prevalently Palearctic species (41.3%), Holarctic and a small amount of Afro-Tropical elements. The rest of them are divided into Mediterranean (20.8%) and Southern European (6.5%) elements. There is a remarkable number of endemic species (10.9%) which involves 54 species. In figures 15-18 the Sardinian distributions of 38 of the 41 Sardinian and Sardo-Corsican endemism are shown (only *Zodarion sardum*, *Mogrus frontosus* and *Xysticus parallelus* are generic cited for Sardinia and no indicates localities) while the distribution of the remaining 13 endemic species can be found in table 4.

## CONCLUSIONS

It is possible that during our bibliographical research, some publications have been overlooked, however we believe that the data presented provides us with a detailed and updated view of what is known about Sardinian araneofauna. Examination of the material kept at the Museum of Bergamo and that collected and kept at the Institute of Ecosystem Study in Sassari has allowed us to insert a lot of new data into the catalogue: as well as the 43 new species reported on the island, we were able to confirm the presence of 211 other species in the region and provide new information about their distribution throughout Sardinia.

The analysis of this material has also allowed us to detect several species which were difficult to attribute and can probably be considered as new taxa belonging to the following genera: *Harpactea*, *Rhode*, *Zodarion*, *Cybaeodes*, *Haplodrasus* and *Zelotes*. Finally, the genitalia of *Phrurolithus corsicus*, *Zimirina brevipes*, *Drasodes luteomicans* and *Zelotes dentatidens* are illustrated (Figs. 4-13).

The level of knowledge about the araneological fauna of Sardinia can surely still be greatly improved. Compared with other Northern Italian regions (Table 5) such as Alto Adige (Noflatscher, 1996), Piedmont and Lombardy (Isaia et al., 2007) and Veneto (Ballarin et al. 2011), which have recently been the object of similar catalogues, Sardinia

Species	Distribution
<i>Ariadna brignoli</i>	Described from Lazio (Isola di Ponza), cited from Sardinia and Sicily only for female specimens
<i>Cteniza brevidens</i>	Tyrrhenian endemic (see also the remark on page 11)
<i>Cteniza sauvagesi</i>	Tyrrhenian endemic
<i>Spermophorides elevata</i>	Tyrrhenian endemic
<i>Dysdera ancora</i>	Sardinia and Sicily
<i>Dysdera ventricosa</i>	Sardinia and Sicily. Only known from its original description
<i>Harpactea sardoa</i>	Sardinia and Lazio
<i>Gonatium biimpressum</i>	Rare species known from Sardinia, Corse (Bonifacio) and Lazio (Isola di Ponza)
<i>Syedra nigrotibialis</i>	Rare species known from Sardinia, Corse and Lazio
<i>Malthonica sicana</i>	Sardinia and Sicily
<i>Zodarion ruffoi</i>	Sardinia and Apulia (Isole Tremiti)
<i>Zelotes sardus</i>	Sardinia and Tuscany (Isola di Capraia)
<i>Pseudeuophrys nebrodensis</i>	Sardinia and Sicily

Table 4. Distribution of the endemic species which are not exclusive to the Sardinian-Corsican area.

Italian Region	Families (n.)	Species (n.)
Veneto	44	738
Lombardy	39	679
Alto Adige	35	606
Piedmont	43	546
Valle d'Aosta	29	261
Sardinia	43	495

Table 5. Number of species and families known in some Italian regions.

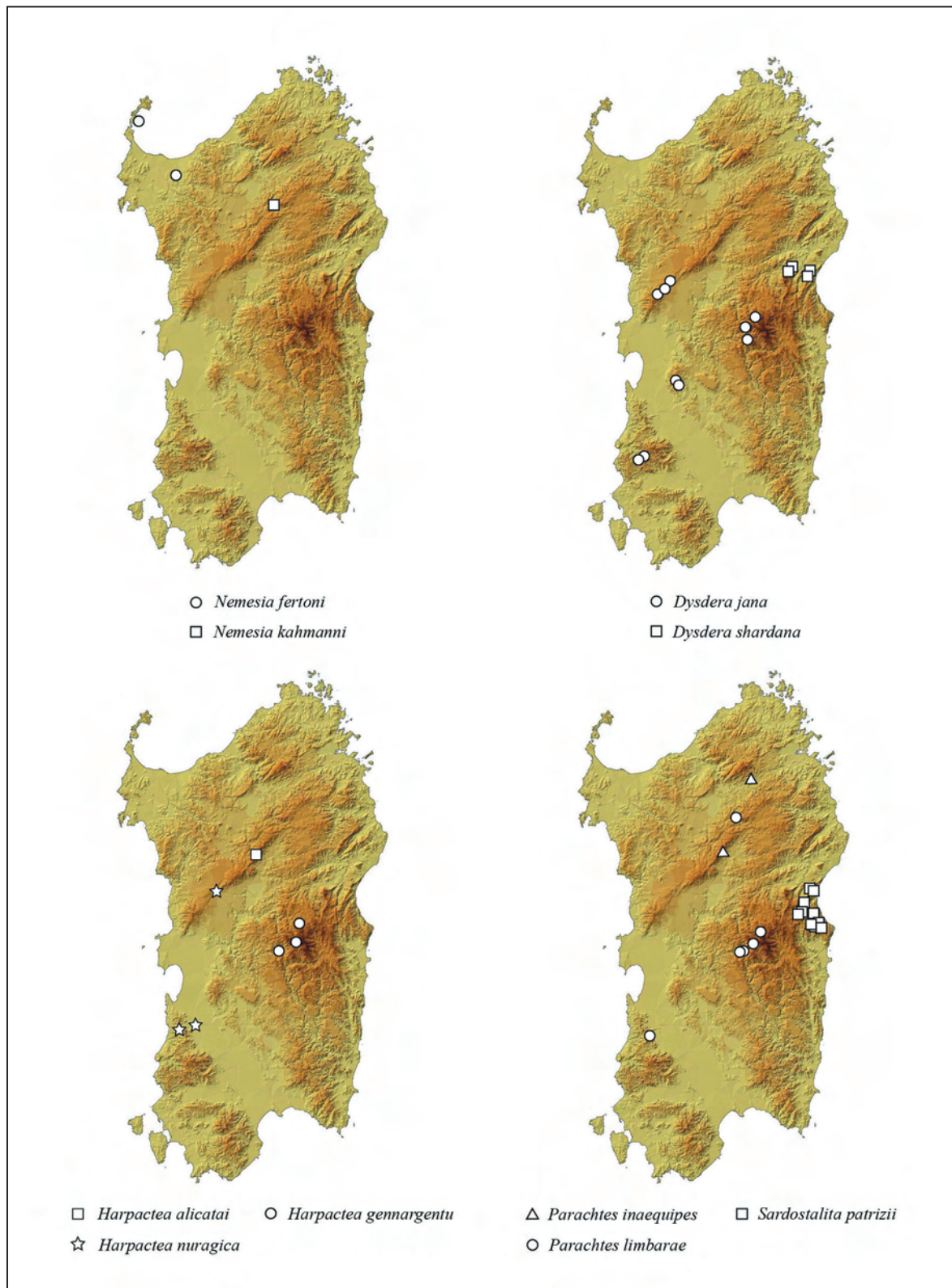


Figure 15. Distribution of Sardinian and Sardo-Corsican endemism of the family Nemesiidae (top left) and Dysderiidae (top right, down left, down right).



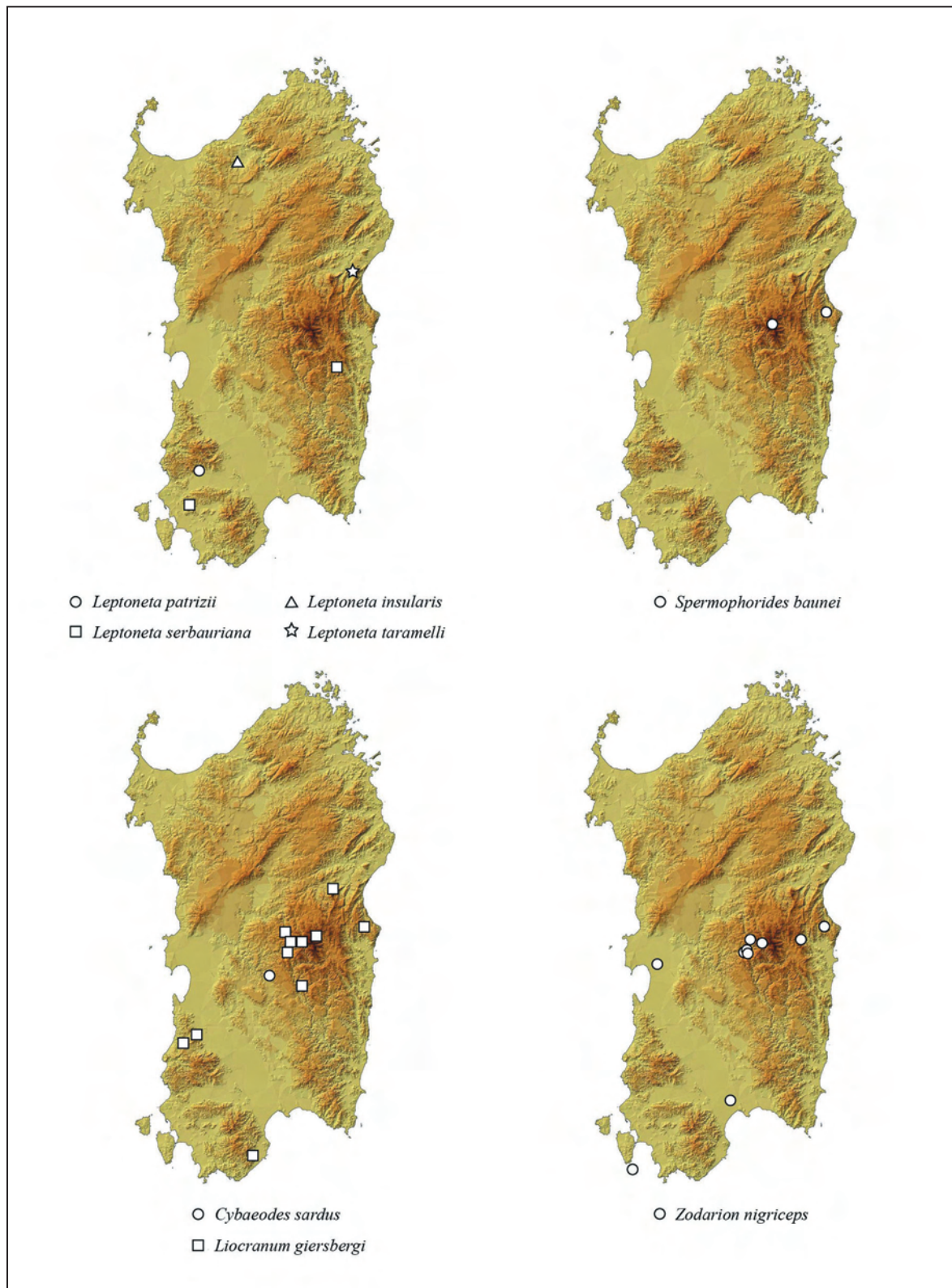


Figure 16. Distribution of some Sardinian and Sardo-Corsican endemism of the family Leptonetidae (top left), Pholcidae (top right), Liocranidae (down left) and Zodaridae (down right) (*Zodarion sardum* is not reported because is generic cited for Sardinia and no indicates localities).

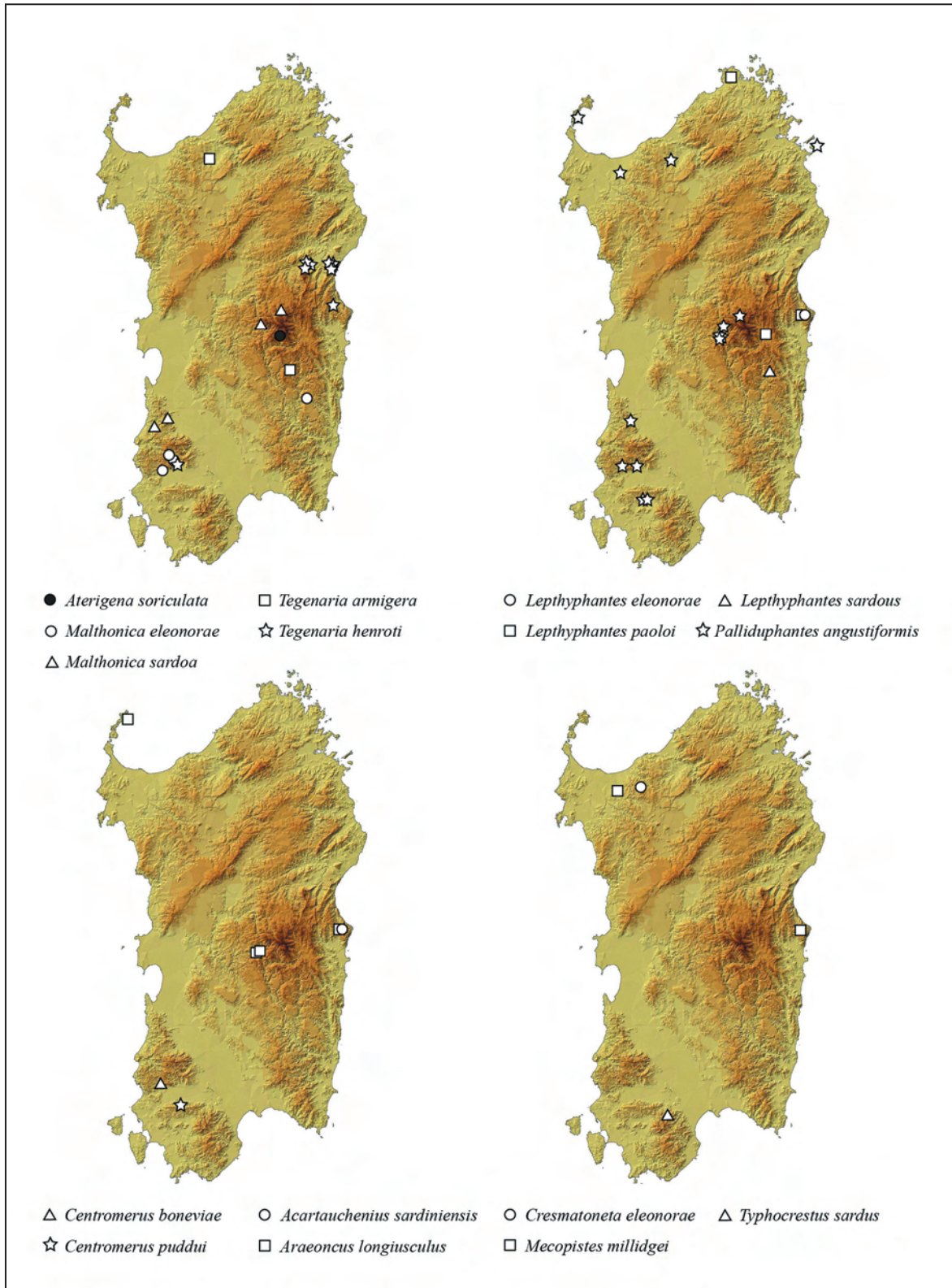


Figure 17. Distribution Sardinian and Sardo-Corsican endemism of the family Agelenidae (top left) and Linyphiidae (top right, down left, down right).

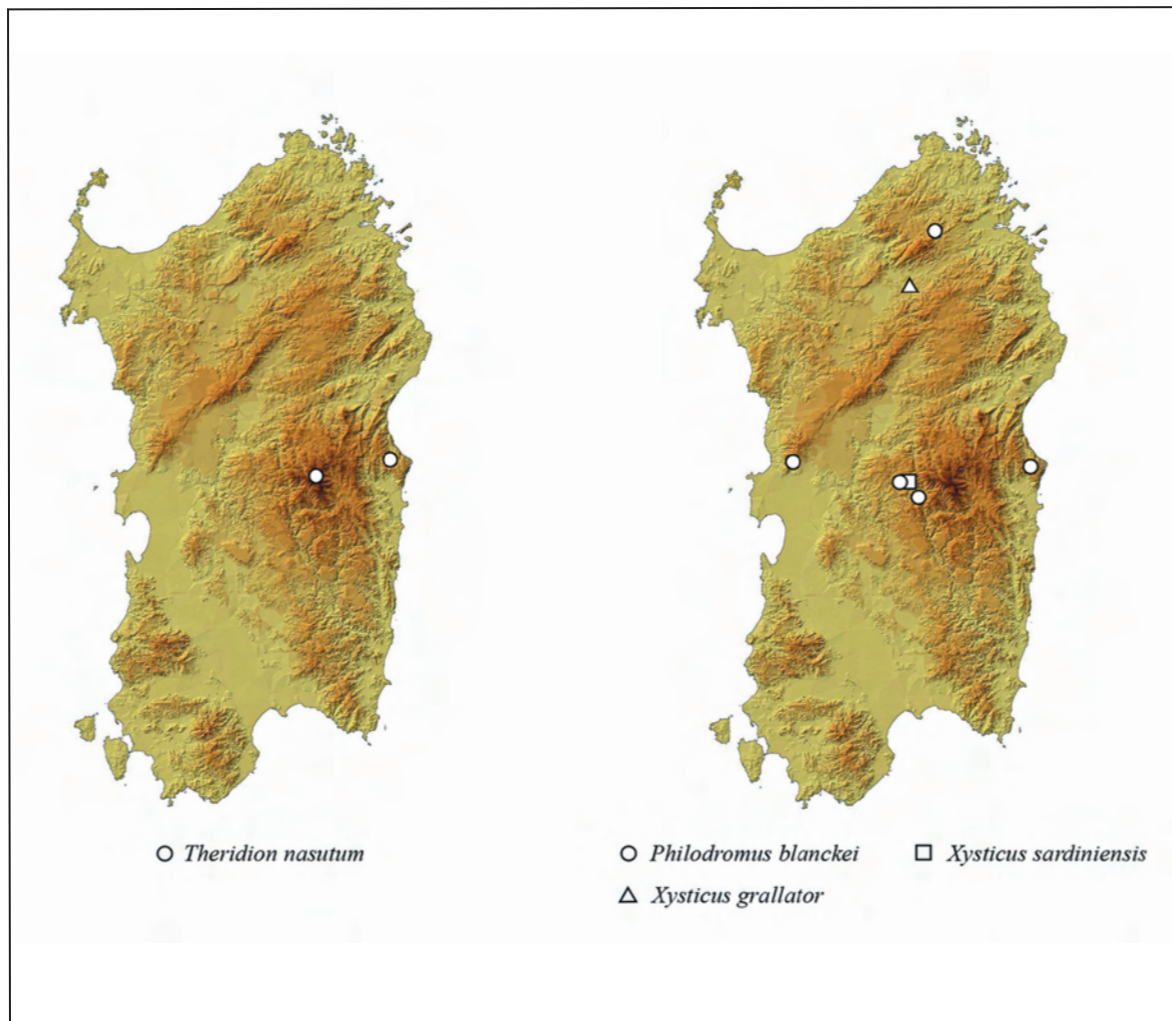


Figure 18. Distribution of some Sardinian and Sardo-Corsican endemism of the family Theridiidae (left) and Philodromidae plus Thomisidae (right) (*Xysticus parallelus* is not reported because is generic cited for Sardinia and no indicates localities).

appears to be the region with the fewest species. In our opinion, this situation is not due to the paleo-bio-geographical events and/or environmental characteristics of the island but to a lack of specific research, which is demonstrated by the absence of several species with a wide distribution. On this topic, it is interesting to make a comparison with the fauna of nearby Corsica (Table 6). In fact, the number of species in the Sardinian-Corsican area totals 700 species and the number present on each island is nearly the same, but actually the similarity between the two faunas is not very high (Sorensen's index of similarity = 0.63).

On the whole, what strikes us most is the lack of research into the araneocenosis of the main Sardinian environments carried out with adequate timings and methods. Most of the data comes from general faunal or taxonomic publication, many of which are now outdated. To prove this, there are 94 species, slightly less than 20% of the total, whose latest citation comes from Garneri (1902) or previously, a good 110 or more years ago. We hope therefore that further research into Sardinian araneofauna will allow us to update and complete this catalogue.



Family	Sardinian species (n.)	Corsican species (n.)	Shared species (n.)	Total
Ctenizidae	3	1	1	3
Nemesiidae	4	7	3	8
Filistatidae	2	2	2	2
Sicaridae	1	1	1	1
Scytodidae	2	2	2	2
Leptonetidae	5	1	0	6
Pholcidae	7	6	4	9
Segestriidae	4	4	2	6
Dysderidae	12	12	2	22
Oonopidae	5	5	2	8
Palpimanidae	1	0	0	1
Mimetidae	3	5	3	5
Eresidae	2	1	1	2
Oecobiidae	3	2	2	3
Uloboridae	4	4	4	4
Nesticidae	1	1	1	1
Theridiidae	54	59	41	72
Theridiosomatidae	0	1	0	1
Mysmenidae	1	1	0	2
Linyphiidae	58	81	31	108
Tetragnathidae	11	11	9	13
Araneidae	36	31	24	43
Lycosidae	35	31	21	45
Pisauridae	3	2	1	4

Family	Sardinian species (n.)	Corsican species (n.)	Shared species (n.)	Total
Oxyopidae	3	2	2	3
Zoropsidae	2	1	1	2
Zoridae	2	4	1	5
Agelenidae	18	16	10	24
Hahniidae	1	1	0	2
Dictynidae	8	5	3	10
Amaurobiidae	3	4	2	5
Titanoecidae	1	2	1	2
Miturgidae	7	8	6	9
Anyphaenidae	2	2	2	2
Liocranidae	8	8	6	10
Clubionidae	9	9	5	13
Corinnidae	4	5	4	5
Zodariidae	7	8	4	11
Prodidomidae	1	0	0	1
Gnaphosidae	43	48	32	59
Sparassidae	3	3	3	3
Philodromidae	20	20	15	25
Thomisidae	36	34	21	49
Salticidae	60	71	44	87
<b>TOTAL</b>	<b>495</b>	<b>522</b>	<b>319</b>	<b>698</b>

Table 6. Comparison between Sardinian and Corsican araneofauna. The data for Corsican fauna comes from “Fauna Europaea” (Helsdingen, 2011).



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