Annotated checklist of the spiders (Arachnida, Araneae) of the Site of Community Importance and Special Area of Conservation “Alpi Marittime” (NW Italy)

ABSTRACT

We present an annotated checklist of the spiders (Arachnida Cuvier, 1812; Araneae Clerck, 1757) of the Site of Community Importance and Special Area of Conservation IT1160056 “Alpi Marittime” (NW Italy). The checklist is based on literature records and unpublished material collected from 2007 to 2013 within the first European All Taxa Biodiversity Inventory coordinated by the European Distributed Institute of Taxonomy (EDIT). The examination of the literature provided a list of 113 species recorded for the study area between 1890 and 2013, scattered in 35 publications. The new data provided here raise the total number of species known for the study area to 295, grouped in 147 genera and 31 families. We recorded a remarkable percentage (9%) of endemic species, including rare endemic elements poorly known in literature, such as Vesubia jugorum (Simon, 1881); Troglohyphantes konradi Brignoli, 1975; Nesticus morisii Brignoli, 1975 and Turinyphia clairi (Simon, 1884). For each species we report detailed information about sampling localities, previous citations for the study area (if any), distribution and preferred habitat. 38 species are new records for the regional fauna and four species are recorded for the first time in Italy.

KEY WORDS

SW-Alps, Piedmont, faunistiques, All Taxa Biodiversity Inventory (ATBI), endemic species.

RéSUMÉ

MOTS CLÉS
Alpes du Sud-Ouest, Piémont, faunistique, Inventaire biologique généralisé (IBG), espèces endémiques.

INTRODUCTION

Given its rich and peculiar faunistic diversity, the Maritime Alps region has been defined as a key area for understanding the dynamics that have shaped the fauna of the Italian peninsula as well as that of western European in general (Minelli et al. 2006). The reason for this extraordinary biodiversity is related to the particular biogeographical frame in which the area is located, between the mountain systems of Piemonte and Liguria and the Mediterranean Sea, straddling the border between the Mediterranean, Alpine and continental zones. Moreover, the wide altitudinal range (650 to 3297 m a.s.l.) and the complex geological and glacial history of the area contribute significantly to making the Maritime Alps one of the most important European hot spots of biodiversity.

The present work is set within one of the first three All Taxa Biodiversity Inventories (ATBI) to be carried out in continental Europe, a project coordinated by EDIT (European Distributed Institute of Taxonomy), started in 2006 as part of the Sixth Framework Program of the European Commission (Work Package 7). According to their official definition, all Taxa Biodiversity Inventories (ATBI) are intensive community efforts to identify and record all living species that exist within a given area. Our contribution represents the outcome of the research conducted from 2007 to 2013 within the Site of Community Importance and Special Area of Conservation IT1160056 “Alpi Marittime”. Based primarily on intense field activity, the work aims to increase the knowledge of the spider fauna of the study area.

MATERIAL AND METHODS

STUDY AREA

The Site of Community Importance and Special Area of Conservation IT1160056 “Alpi Marittime” is the largest protected area in Piemonte (Fig. 1). It covers a surface of 33,673 hectares, encompassing the northern slopes of Valle Stura di Demonte (Valloni della Valletta e del Reduc), the whole Valle Gesso, the upper Val Grande of Palanfrè and the upper Val Verneyagia (Calle di Tenda), including six municipalities of the Province of Cuneo (Aisone, Entracque, Limone Piemonte, Roaschia, Valdieri and Vernante). Elevation ranges from 650 m, at the bottom of the valleys, to 3297 m on the Cima Argentera, which is the highest peak of the Maritime Alps. Twenty-four peaks above 3000 m dominate the landscape and host the southernmost glaciers of the Alps.

The dominant macrohabitat is rocky lands (49%), followed by forests (23%, mainly Fagus sylvatica), grasslands, pastures and other open habitats (17%). Additionally, the southern slopes of the Natural Reserve of Rocca San Giovanni-Saben
are colonized by submediterranean shrubs (*Juniperus phoenicea* and *J. thurifera*) forming a rare and unique habitat in the Western Alps. The glacial plateaus located between 1500 and 2000 m host peatbogs and other wet habitats, characterized by remarkable vegetation diversity. In addition to the natural caves of Bandito, the protected area includes several natural caves, mostly located in Val Infernotto, between Roaschia and Valdieri.

The Regional Authority of Piemonte instituted the first nuclei of the protected area in 1979 and 1980 (“Riserva del Bosco e dei Laghi di Palanfré” and “Parco Naturale dell’Argentera”), for a surface of approximately 26 000 hectares. In 1995 the two protected areas were formally unified under the name “Parco Naturale delle Alpi Marittime. Thanks to the recent addition of the Natural Reserve of Rocca San Giovanni-Saben (formerly the Special Natural Reserve *Juniperus phoenicea*, instituted in 1984) and the caves of Bandito, the protected area reached in 2009 a total surface of 28 000 hectares (Regional Law 19/2009). After the new delimitation of the Sites of Community Importance and Special Areas of Conservation in Piemonte in 2010 (DGR 36-13220/2010), the Park now exerts its authority over a total of 33 673 hectares, covering the entire surface included within the Site of Community Importance and Special Area of Conservation IT1160056 “Alpi Marittime”.

Here we treat the area formally included in the borders of the Site of Community Importance and Special Area of Conservation IT1160056 “Alpi Marittime”, thus including the Parco Naturale Alpi Marittime, the caves of Bandito, the Natural Reserve of Rocca San Giovanni-Saben and all of the remaining parts of the Site of Community Importance and Special Area of Conservation added in 2010 (Fig. 1). Considering their vicinity to the study area, several localities cited in literature falling just outside the borders, were also considered as part of the study area.

**Sources**
The examination of literature provided a list of 113 species, scattered in 35 papers published between 1890 and 2013.

The araneological exploration of the study area began long before the institution of the first nuclei of the protected area (1979-1980). The first records are cited in Calloni’s (1889) comprehensive work on different groups of animals (including spiders) inhabiting the nival zone of all major Alpine ranges. The range “Clapier-Enchastraye” extends along the ridge from Monte Clapier (French: Mont Clapier) (44°06′58″N, 7°25′09″E), to Enciastraia (French: Tête de l’Enchastraye) (44°22′00″N, 6°53′24″E), on the boundary between the province of Cuneo (Piemonte) and the French region of Provence-Alpes-Côte-d’Azur. On the Italian side, this territory approximately covers an area extending from Valle Gesso (Entracque) to Valle Stura (Argentera) and, on the French side, from Valлон de la Gordolasque (Belvédère) to Vallée de l’Ubayette (Larche). Although Calloni (1889) does not give precise de-
...tells about localities, it is likely that the region he considered encompasses the protected area and thus represents the first scientific contribution to the knowledge of its spider fauna. For the Clapier-Enchastraye range, Calloni provides a list of thirty-one species, most of which are widespread in Europe or the Palaearctic.

After Calloni, the study area remained unexplored for nearly a century. It was not until 1966 that the father of modern Italian araneology, Paolo Marcello Brignoli, published a small contribution focusing on araneids collected around Cuneo and Borgo San Dalmazzo by Augusto Vigna Taglianti (Brignoli 1966). Only seven of the species treated therein are directly referable to the study area.

Not long after, Tongiorgi (1968, 1969) published two important contributions focusing on the stenococious and restricted endemic lycosid Vesubia jugorum (Simon, 1881), reporting material from Valle Gesso and Valle Pesio. The discovery of this species in Italy was based on material collected in the former Parco Naturale dell’Argentera (Bassa del Droux, Rifugio Soria and Colle di Finestra) by Giuseppe Osella and Augusto Vigna Taglianti in the summer of 1966.

The first species new to science discovered in the study area was Coelotes osellai De Blauwe, 1973 (Agelenidae C. L. Koch, 1837), described by De Blauwe (1973), who included a specimen from Rifugio Soria in the type series. Just a couple of years later, Brignoli (1975) described Nesticus morisii Brignoli, 1975 (Nesticidae Simon, 1894) and Troglohyphantes konradi Brignoli, 1975 (Linyphiidae Blackwall, 1859), two restricted endemic subterranean species collected in 1972 and 1973 by Angelo Morisi in the military bunker of Vernante, a hypogean site just outside the borders of the currently protected area, widely known among biospeleologists for its extraordinary faunistic peculiarities (Isaia et al. 2011).

Several works published between 1970 and 1990 reported more material collected in the study area (Brignoli 1971, 1972, 1975, 1977, 1985; De Blauwe 1973; Thaler & Madlener 1979; Bologna & Vigna Taglianti 1982, 1985; Manzone et al. 1987; Maurer & Thaler 1988; Maurer 1992; Pesarini 1991, 1996), but since Calloni’s list (1890), the total number of records has not even doubled (rising from 31 to 54 in 1996).

Among these publications, it is worth mentioning the contribution by Maurer & Thaler (1988), which provided the second Italian record of Vesubia jugorum in Italy (Colle del Sabbione) and the first Italian record of Turinypheia clairi (Simon, 1884), a palaeoendemic element recorded in the beech woods of Terme di Valdieri.

Spider knowledge of the study area increased slowly in the following decade, with 18 new records of species scattered in nine works (Pesarini 2000, 2001; Lana et al. 2002; 2003; Arnò & Lana 2005; Isaia et al. 2007, Lambiase et al. 2007, Isaia & Pantini 2010). The catalogue of Piemonte and Lombardia (Isaia et al. 2007) provides the highest number of records, summing up original and literature records on a regional basis. During the same period, several papers focused on cave dwelling spiders (Lana et al. 2002, 2003; Arnò & Lana 2005; Isaia & Pantini 2010; Isaia et al. 2010c) reporting data from about twenty caves located within the borders of the study area. Details about subterranean localities within the study area are given in Isaia et al. (2011).

The first arachnological results of the Italian ATBI were published in 2012 and 2013, with the description of Diplocephalus guidoi Frick & Isaia, 2012, whose type locality is Vallone della Valletta, Aisone (Frick & Isaia 2012), and Histopona leonardi Pantini & Isaia, 2013, the type series of which includes material from Entracque, Terme di Valdieri, Pian della Casa, Piano del Valasco and Palanfré (Bolzern et al. 2013). Moreover, in the context of the ATBI project, Paschetta et al. (2013) focused on the ecology of Alpine pastures and the effects of grazing on the spider community. This work provides the highest number of new records ever published for the protected area (36), raising the total number of species to 111 (Fig. 2).

The contribution by Isaia & Chiarle (2015), describes the male of Cybaeus vignai Brignoli, 1977, mostly based on material collected in Palanfré and Bousset, and reports the finding of Dyderea cibrata Simon, 1882, a rare species of woodland spider, at Piano del Valasco and Bousset. That work adds two more species to the records provided in literature for the study area, bringing the total number of species to 113.

The annotated check-list
For each species we provide new collection data (NEW DATA), previous records (LITERATURE), current distribution (CHORO-TYPE) and the habitat in which it was collected (MACROHABITAT). Where necessary, remarks are also made (NOTES).

The general distribution of species was obtained from Platnick (2014) and other available information in literature. Consequently, we assigned the corresponding chorotype of the Italian fauna based on the works of Vigna Taglianti et al. (1993, 1999) and Stoch & Vigna Taglianti (2005) (Table 1).

Based on the dominant land use, we identified eleven categories of macrohabitats occurring in the study area: Alpine grasslands, Alpine pastures, Alpine prairies, rocky lands, broadleaved woods, larch woods, riparian habitats, wetlands, shrublands, caves and other habitats.

Fig. 2. — Increase in new records of spider species in the study area (1890-2013).
“Alpine prairies” are ungrazed or lightly grazed grasslands above 1900 m, while “Alpine pastures” are grazed grasslands at intermediate elevations (1600-1900 m). This category includes the most heavily grazed areas found within the study area (i.e. pastures at Pian della Casa). On the other hand, “Alpine grasslands” are grazed grasslands below 1600 m. “Rocky lands” are Alpine scree slopes, generally over 2000 m a.s.l., but we also include in this category rocky slopes at lower elevations. “Broadleaved woods” include mostly beech forests and fragmented woods of Acer, Tilia and Fraxinus occurring on steep, humid slopes at lower elevations. Woods of Larix decidua occurring at middle/high elevations (1500-2000 m) are included in the “larch woods” category. We grouped gravel beds, the riparian vegetation of stream banks and other similar habitats under the category “riparian habitats”. Grasslands with bushes and the submediterranean shrublands of the Natural Reserve of Rocca San Giovanni-Saben are assigned to the “shrublands” category. Peat bogs, lake-shores and mountain springs are included in the category “wetlands”. The study area encompasses several subterranean systems, mountain springs are included in the category “wetlands”. Natural Reserve of Rocca San Giovanni-Saben are assigned with bushes and the submediterranean shrublands of the “riparian habitats”. Grasslands of Larch woods” category. We grouped gravel beds, the riparian vegetation of stream banks and other similar habitats under the category “riparian habitats”. Grasslands with bushes and the submediterranean shrublands of the Natural Reserve of Rocca San Giovanni-Saben are assigned to the “shrublands” category. Peat bogs, lake-shores and mountain springs are included in the category “wetlands”. The study area encompasses several subterranean systems, mountain springs are included in the category “wetlands”. Natural Reserve of Rocca San Giovanni-Saben are assigned with bushes and the submediterranean shrublands of the “riparian habitats”. Grasslands of Larch woods” category. We grouped gravel beds, the riparian vegetation of stream banks and other similar habitats under the category “riparian habitats”. Grasslands with bushes and the submediterranean shrublands of the Natural Reserve of Rocca San Giovanni-Saben are assigned to the “shrublands” category. Peat bogs, lake-shores and mountain springs are included in the category “wetlands”. The study area encompasses several subterranean systems, mountain springs are included in the category “wetlands”.

The checklist follows the systematic order and nomenclature of Platnick (2014).
ANNOTATED CHECKLIST

Family Leptonetidae Simon, 1890

Leptoneta crypticola franciscoloi di Caporiacco, 1950

NEW DATA. — Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, under stones, 900-1200 m, 22.V.2010, 1♂.

LITERATURE. — Lana et al. (2002); Arnò & Lana (2005); Isaia et al. (2011).

CHOROTYPE. — ALSW.

MACROHABITAT. — Caves, rocky lands.

Family Pholcidae c. L. Koch, 1851

Pholcus opilionoides (Schrank, 1781)

NEW DATA. — Entracque: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♀; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 27.VIII.2009, 1♀; Pian del Valasco, among rocks in an Alpine scree, 1764 m, 29.VI.2009, 1♂, 1♀.

LITERATURE. — Paschetta et al. (2013).

CHOROTYPE. — COS.

MACROHABITAT. — Alpine pastures, larch woods.

Pholcus phalangioides (Fuesslin, 1775)

NEW DATA. — Entracque: Gorge della Reina, rock-debris in sparse wood, 900-1200 m, 22.V.2010, 1♀.

NOTES. — New record for the study area.

LITERATURE. — Paschetta et al. (2013).

CHOROTYPE. — PAL.

MACROHABITAT. — Alpine pastures, broadleaved woods, shrublands, riparian habitats.

Family Segestriidae Simon, 1893

Segestria senoculata (Linnaeus, 1758)

NEW DATA. — Entracque: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♀; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 23.IX.2009, 3 juv; Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 29.IV.2009, 2♀.

LITERATURE. — Paschetta et al. (2013).

CHOROTYPE. — PAL.

MACROHABITAT. — Alpine pastures, broadleaved woods, shrublands, riparian habitats.
Family ULOBORIDAE Thorell, 1869

*Uloborus walckenaerius* Latreille, 1806

**NEW DATA.** — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, forest edge with scattered rocks, 1000-1500 m, 22.IX.2009, 1♀ (MRSN).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for the study area.

Family NESTICIDAE Simon, 1894

*Nesticus eremita* Simon, 1879

**LITERATURE.** — Martinotti (1968); Brignoli (1972, 1975); Manzone et al. (1987); Lana et al. (2002, 2003); Arnò & Lana (2005); Isaia et al. (2011).

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Caves.

Family THERIDIDAE Sundevall, 1833

*Asagena phalerata* (Panzer, 1801)

**NEW DATA.** — Entracque: Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011); Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 27.VIII.2009, 1♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII-23 IX.2009 (pitfall traps), 2♂; Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 1♂, leg. B. Rizzioli; Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010, 1♂.

**LITERATURE.** — Calloni (1889); Lambiase et al. (2007); Paschetta et al. (2013).

**CHOROTYPE.** — PAL.
Macrohabitat. — Alpine grasslands, Alpine pastures, Alpine prairies, riparian habitats.

**Crustulina guttata** (Wider, 1834)

**NEW DATA.** — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♀.

**LITERATURE.** — Paschetta et al. (2013).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine prairies.

**Cryptachaea riparia** (Blackwall, 1834)

**NEW DATA.** — Entracque: Tetti Violin, banks of a small stream with bushes, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Riparian habitats.

**NOTES.** — New record for the study area.

**Dipoea erythropus** (Simon, 1881)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 5♂, 1♀ (collected within the PIT Summer School 2012).

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for Piemonte.

**Dipoea melanogaster** (C. L. Koch, 1837)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 2♀ (collected within the PIT Summer School 2011); Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 29.VI.2011, 1♀. leg. K. Wolf-Schwenninger & H. Schwenninger.

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for Piemonte.

**Enoplognatha orata** (Clerck, 1757)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 3♂, 1♀ (collected within the PIT Summer School 2012); Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011); Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 29.VI.2011, 1 juv (MRSN).

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Alpine grasslands, shrublands.

**NOTES.** — New record for the study area.

**Euryopis flavomaculata** (Linnaeus, 1767)

**NEW DATA.** — Entracque: Tetu Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 5♂, 1♀ (collected within the PIT Summer School 2012).

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for Piemonte.

**Euryopis laeta** (Westring, 1861)

**NEW DATA.** — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♀.

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Alpine prairies.

**NOTES.** — New record for Piemonte.

**Heterotheridion nigrovariegatum** (Simon, 1873)

**NEW DATA.** — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 29.VI.2011, 2♀.

**LITERATURE.** — Lambiase et al. (2007).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Broadleaved woods, shrublands.

**Neottiura bimaculata** (Linnaeus, 1767)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 5♂, 3♀ (collected within the PIT Summer School 2012).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for the study area.
**Parasteatoda lunata** (Clerck, 1757)

**LITERATURE.** — Lambiase et al. (2007).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Broadleaved woods.

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

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 2♀ (collected within the PIT Summer School 2012); Valdieri: nearby Rifugio Livio Bianco, lake shore, among mosses, 1900 m, 27.VI.2011, 1♂, 4♀; pathway to Pian del Valasco, Alpine pasture, 1300-1764 m, 7.VII.2011, 4♀ (MRSN); pathway to Rifugio Livio Bianco, Alpine prairies with rocky debris, 1200-1800 m, 30.VI.2011, 1♀ (MRSN); Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 29.VI.2011, 1♀ (MRSN).

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Alpine prairies, shrublands, wetlands.

**NOTES.** — New record for the study area.

**Phylloneta sisyphia** (Clerck, 1757)

**NEW DATA.** — Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11-12.VII.2009 (pitfall traps), 1♂; Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1300 m, 1.VIII.2011, 3♀.

**CHOROTYPE.** — COS.

**MACROHABITAT.** — Alpine grasslands.

**NOTES.** — New record for Piemonte.

**Robertus lividus** (Blackwall, 1836)

**NEW DATA.** — Entracque: Torrente Bousset, Trinità di Entracque, stream bank with *Petasites* in deciduous forest (*Fraxinus*), 1000-1200 m, 28.VI-9.VIII.2007 (pitfall traps), 1♂; Pian del Valasco, Alpine pasture with rocks, 1764 m, 29.VI.2009, 1♀; Vallone di Lorouza, beech forest near stream, 1900-2000 m, 29.VIII.2009, 2♀; Vernante: Palanfrè, Gias del Chiot, beech forest, 1550 m, 22.VI.2009, 1♀ (beating tray); Palanfrè, Pianard, Garbella, sparse wood, grassland, 1600 m, 14.VI.2010, 1♀; Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 2♀.

**LITERATURE.** — Calloni (1889); Lambiase et al. (2007).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine grasslands, Alpine prairies, broadleaved woods, riparian habitats.

**NOTES.** — New record for the study area.
Theridion melanurum Hahn, 1831

**New data.** — Valdieri: Natural Reserve of Rocca San Giovanni-Sabeni, shrubland with Juniperus phoenicea, 1000-1500 m, 18.VI.2009, 2♂.

**Chorotype.** — OLA.

**Macrohabitat.** — Shrublands.

**Notes.** — New record for the study area.

Theridion petraeum L. Koch, 1872

**New data.** — Valdieri: surroundings of Lago Sottano di Valscura, Alpine scree, 2300 m, 8.VII.2011, 1♂.

**Chorotype.** — OLA.

**Macrohabitat.** — Rocky lands.

**Notes.** — New record for the study area.

Theridion varians Hahn, 1833

**New data.** — Entracque: Tetti Violin, banks of a small stream with bushes, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011); Vernante: Palanfrè, Gias del Chiot, beech forest, 1550 m, 22.VI.2009, 1♂ (beating tray); Palanfrè, Pianard, Garbella, sparse wood, grassland, 1600 m, 14.VI.2010, 1♀.

**Chorotype.** — OLA.

**Macrohabitat.** — Alpine grasslands, broadleaved woods, riparian habitats.

**Notes.** — New record for the study area.

Family Pimoidae Wunderlich, 1986

Pimoa rupicola (Simon, 1884)

**New data.** — Entracque: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♂; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 23.IX.2009, 2♂; Pian del Valasco, Alpine pasture with rocks, 1764 m, 29.VI.2009, 1♂; Natural Reserve of Rocca San Giovanni-Sabeni, shrubland with Juniperus phoenicea, 1000-1500 m, 22.IX.2009, 1♂; Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 1♀ (MRSN); same locality, 11.VIII.2011, 1♂ (MRSN); same locality, 13.X.2011, 1♂, 2 juv. (MRSN); same locality, 1600 m, 13.X.2011, 1♂, 1♀.

**Literature.** — Lana et al. (2003); Arnò & Lana (2005); Isaia et al. (2007); Paschetta et al. (2013).

**Chorotype.** — AWNA.

**Macrohabitat.** — Alpine grasslands, Alpine pastures, Alpine prairies, broadleaved woods, shrublands, caves, riparian habitats.

Family Linyphiidae Blackwall, 1859

Agyneta gulosa (L. Koch, 1869)

**Literature.** — Calloni (1889).

**Chorotype.** — PAL.

**Macrohabitat.** — Rocky lands, not specified.

**New data.** — Valdieri: along the path to Monte Matto, Alpine scree, 2500-3088 m, 27.VI.2011, 1♂.

Agyneta innotabilis (O. P.-Cambridge, 1863)

**New data.** — Vernante: Palanfrè, beech forest, 1500 m, 11.VIII.2011, 1♀.

**Chorotype.** — EUR.

**Macrohabitat.** — Broadleaved woods.

**Notes.** — New record for the study area.

Agyneta nigripes (Simon, 1884)

**Literature.** — Paschetta et al. (2013).

**Chorotype.** — SEU.

**Macrohabitat.** — Alpine prairies.

Agyneta rurestris (C. L. Koch, 1836)

**New data.** — Entracque: Tetti Violin, banks of a small stream with bushes, 900-1100 m, 15.V.2012, 1♀ (collected during the PIT Summer School 2011); Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♂, 1♀ (collected during the PIT Summer School 2012); Valdieri: Pian della Casa, Alpine grassland with peatbogs, 1760 m, 29.VI-9.VIII.2007 (pitfall traps), 6♂, leg. K. Wolf-Schwenninger & H. Schwenninger; Natural Reserve of Rocca San Giovanni-Sabeni, shrubland with Juniperus phoenicea, 1000-1500 m, 29.VI.2011, 1♀ (MRSN); Natural Reserve of Rocca San Giovanni-Sabeni, forest edge with scattered rocks, 1000-1500 m, 22.IX.2009, 4♀ (MRSN); southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011, 1♂; Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 1♂, 2♀, leg. B. Rizzioli.

**Literature.** — Paschetta et al. (2013).

**Chorotype.** — PAL.

**Macrohabitat.** — Alpine pastures, Alpine prairies, shrublands, riparian habitats.
**Araconcus vaporariorum** (O. P.-Cambridge, 1875)

**LITERATURE.** — Calloni (1889); Paschetta et al. (2013).
**CHOROTYPE.** — ALSW.
**MACROHABITAT.** — Alpine pastures, not specified.

**Bathyphantes gracilis** (Blackwall, 1841)

**NEW DATA.** — Entracque: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♀; Vernante: Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1♀.
**CHOROTYPE.** — ALSW.
**MACROHABITAT.** — Alpine pastures, not specified.

**Bathyphantes setiger** O. P.-Cambridge, 1894

**NEW DATA.** — Entracque: Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011).
**CHOROTYPE.** — PAL.
**MACROHABITAT.** — Alpine grasslands.
**NOTES.** — New record for the study area.

**Bathyphantes longipes** (Sundevall, 1833)

**NEW DATA.** — Vernante: Palanfrè, beech forest, 1500 m, 13.X.2011, 1♂; same locality, 1550 m, 11.VIII.2011, 1♂; same locality, 1600 m, 11.VIII.2011, 1♀ (MRSN); same locality, 13.X.2011, 1♀ (MRSN).
**CHOROTYPE.** — EUR.
**MACROHABITAT.** — Broadleaved woods.
**NOTES.** — New record for Piemonte.

**Bathyphantes alticeps** (Sundevall, 1833)

**NEW DATA.** — Vernante: Palanfrè, beech forest, 1600 m, 13.X.2011, 1♀.
**LITERATURE.** — Calloni (1889); Lambiase et al. (2007).
**CHOROTYPE.** — EUR.
**MACROHABITAT.** — Broadleaved woods.
**NOTES.** — New record for the study area.

**Bathyphantes silvicola** (Kulczyn’ski, 1887)

**NEW DATA.** — Entracque: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♀; Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 1♀; same locality, 1550 m, 11.VIII.2011, 1♀ (MRSN); same locality, 1600 m, 11.VIII.2011, 1♀ (MRSN); same locality, 13.X.2011, 1♀ (MRSN).
**CHOROTYPE.** — CEU.
**MACROHABITAT.** — Broadleaved woods.
**NOTES.** — New record for the study area.

**Bathyphantes luteolus** (Blackwall, 1833)

**NEW DATA.** — Vernante: Palanfrè, Gias del Chiot, beech forest, 1550 m, 10.IX.2008, 1♀.
**LITERATURE.** — Calloni (1889); Lambiase et al. (2007); Paschetta et al. (2013).
**CHOROTYPE.** — OLA.
**MACROHABITAT.** — Broadleaved woods.
**NOTES.** — New record for the study area.
Ceratinella brevipes (Westring, 1851)

NEW DATA. — Valdieri: Rifugio Questa – Lago delle Portette, Alpine scree, 2300 m, 11-12.VII.2009 (pitfall traps), 1♀.
CHOROTYPE. — SIE.
MACROHABITAT. — Rocky lands.
NOTES. — New record for the study area.

Ceratinella brevis (Wider, 1834)

NEW DATA. — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂.

Literature. — Paschetta et al. (2013).
CHOROTYPE. — PAL.
MACROHABITAT. — Alpine pastures, Alpine prairies.

Ceratinella scabrosa (O. P.-Cambridge, 1871)


CHOROTYPE. — PAL.
MACROHABITAT. — Riparian habitats.
NOTES. — New record for the study area.

Collinsia inerrans (O. P.-Cambridge, 1855)

Literature. — Paschetta et al. (2013).
CHOROTYPE. — PAL.
MACROHABITAT. — Alpine pastures.

Diplocephalus crassilobus (Simon, 1884)

CHOROTYPE. — CEU.
MACROHABITAT. — Alpine prairies.

Diplocephalus foraminifer (O. P.-Cambridge, 1875)

Literature. — Calloni (1889).
CHOROTYPE. — EUR.
MACROHABITAT. — not specified.

Diplocephalus guidoi Frick & Isaia, 2012

LITERATURE. — Frick & Isaia (2012).
CHOROTYPE. — ALSW.
MACROHABITAT. — Larch woods.

Diplocephalus helleri (L. Koch, 1869)

Literature. — Calloni (1889); Pesarini (1996).
CHOROTYPE. — CEU.
MACROHABITAT. — Alpine grasslands, Alpine prairies.

Diplocephalus latifrons (O. P.-Cambridge, 1863)


CHOROTYPE. — EUR.
MACROHABITAT. — Alpine prairies, riparian habitats.
NOTES. — New record for the study area.

Diplocephalus pavesii Pesarini, 1996

NEW DATA. — Entracque: Tetri Violin, banks of a small stream with bushes, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011); Vallone del Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 2♀.

CHOROTYPE. — ALPS.
MACROHABITAT. — Broadleaved woods, riparian habitats.
NOTES. — New record for the study area.

Diplocephalus picinus (Blackwall, 1841)

NEW DATA. — Entracque: Trinità di Entracque, beech forest, 1000-1200 m, 18.V.2011, 2♂; Vernante: Palanfrè, beech forest, 1450 m, 2♀; same locality, 1500 m, 1♀; same locality, 13.X.2011, 1♂ (MRSN); same locality, 1600 m, 1♀ (MRSN); Palanfrè, Vals del Chiot, beech forest, 1550 m, 29.VI.2007, 1♂, leg. K. Wolf-Schwenninger & H. Schwenninger.

CHOROTYPE. — EUR.
MACROHABITAT. — Broadleaved woods.
NOTES. — New record for the study area.
**Diplocephalus protuberans** (O. P.-Cambridge, 1875)


**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Alpine pastures.

**NOTES.** — New record for the study area.

**Drapetisca socialis** (Sundevall, 1833)

**NEW DATA.** — Entracque: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♀; Valdieri: Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♀; Vernante: Palanfré, Gias del Chiot, beech forest, 1550 m, 10.IX.2008, 1♂, 1♀.

**LITERATURE.** — Lambiase et al. (2007).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Broadleaved woods, riparian habitats.

**Entelecara acuminata** (Wider, 1834)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♀ (collected within the PIT Summer School 2012); Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 2♀ (collected within the PIT Summer School 2011).

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Alpine pastures.

**NOTES.** — New record for Piemonte.

**Erigone cristatopalpus** Simon, 1884

**NEW DATA.** — Valdieri: nearby Lago Soprano della Sella, Alpine prairies with rocky debris, 2300 m, 1.VIII.2011, 2♂; Pian della Casa, Alpine grassland with peatbogs, 1760 m, 29.VI-9.VIII.2007 (pitfall traps), 10♂, 13♀, leg. K. Wolf-Schwenninger & H. Schwenninger.

**LITERATURE.** — Calloni (1889).

**CHOROTYPE.** — CEU.

**MACROHABITAT.** — Alpine pastures, Alpine prairies.

**Erigone dentipalpis** (Wider, 1834)

**NEW DATA.** — Valdieri: Lago Sottano della Sella, Alpine grassland, close to lake shore, 1882 m, 17.VII.2010, 1♂, 1♀; nearby Rifugio Livio Bianco, peat bog, 1900 m, 27.VI.2011, 1♂, 1♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 29.VI.2009, 1♀; Pian della Casa, Alpine grassland with peat bogs, 1760 m, 29.VI-9.VIII.2007 (pitfall traps), 4♂, 1♀, leg. K. Wolf-Schwenninger & H. Schwenninger; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♀; Vernante: Palanfré, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 7♂, leg. B. Rizzoli.

**LITERATURE.** — Calloni (1889); Paschetta et al. (2013).

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Alpine pastures, Alpine prairies, wetlands.

**Evansia merens** O. P.-Cambridge, 1900

**LITERATURE.** — Paschetta et al. (2013).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine pastures.

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

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 2♀ (collected within the PIT Summer School 2012); Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 3♀ (collected within the PIT Summer School 2011).

**CHOROTYPE.** — SIE.

**MACROHABITAT.** — Alpine grasslands, shrublands.

**NOTES.** — New record for the study area.

**Hilaira excisa** (O. P.-Cambridge, 1871)


**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Alpine pastures.

**NOTES.** — New record for Piemonte.

**Labulla thoracica** (Wider, 1834)

**NEW DATA.** — Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 23.IX.2009, 1♀; Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♀; Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♂. Vernante: Palanfré, Gias del Chiot, beech forest, 1550 m, 10.IX.2008, 1♀.

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Broadleaved woods, shrublands, riparian habitats.

**NOTES.** — New record for the study area.

**Lepthyphantes agnellus** Maurer & Thaler, 1988

**NEW DATA.** — Valdieri: Galleria di Valscura, Alpine screes, 2100 m, 11-12.VII.2009 (pitfall traps), 3♀; nearby Lago Soprano della Sella, Alpine prairies with rocky debris, 2300 m, 1.VIII.2011, 1♀.

**CHOROTYPE.** — ALSW.

**MACROHABITAT.** — Alpine prairies, rocky lands.

**NOTES.** — New record for the study area.
**Lepthyphantes notabilis** Kulczyn’ski, 1887

**Chorotype.** — SEU.

**Macrohabitat.** — caves.

**Literature.** — Isaia et al. (2011).

**Lepthyphantes sp.**

**New Data.** — Valdieri: along the path to Monte Matto, Alpine scree, 2500-3088 m, 27.VI.2011, 1♂.

**Macrohabitat.** — Rocky lands.

**Notes.** — Unidentified species. Pending the examination of more fresh material to be collected in future surveys, this species remains unidentified.

**Linyphia hortensis** Sundevall, 1830

**New Data.** — Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 29.VI.2009, 1♀; pathway to Pian del Valasco, beech forest, 1500-2000 m, 19.V.2011, 1♂, 1♀ (MRSN); Vernante: Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1♀.

**Literature.** — Lambiase et al. (2007).

**Chorotype.** — PAL.

**Macrohabitat.** — Broadleaved woods, riparian habitats.

**Linyphia triangularis** (Clerck, 1757)

**New Data.** — Aisone: Vallone della Valletta, Pinet, sparse larch wood, 1200-1500 m, 17.VIII.2010, 1♂; Entracque: Trinità di Entracque, Vallone Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 2♀; Gorge della Reina, shrubland with *Juniperus phoenicea*, 900-1200 m, 16.IX.2011, 1♀ (MRSN); Valdieri: Desertetto, grassland, 1088-1885 m, 14.IX.2011, 3♂, 1♀ (MRSN); Natural Reserve of Rocca San Giovanni-Sabeni, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♀; Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♀; Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 1♀ (MRSN); Palanfrè, Gias del Chiot, beech forest, 1550 m, 10.IX.2008, 1♂, 1♀.

**Literature.** — Lambiase et al. (2007).

**Chorotype.** — PAL.

**Macrohabitat.** — Alpine grasslands.

**Mansuphantes aridus** (Thorell, 1875)

**New Data.** — Aisone: Vallone della Valletta, Pinet, sparse larch wood, 1200-1500 m, 27.X.2010, 1♀.

**Chorotype.** — SEU.

**Macrohabitat.** — Larch woods.

**Notes.** — New record for Piemonte.

**Mansuphantes pseudoarceiger** (Wunderlich, 1985)

**New Data.** — Valdieri: Plan del Valasco, Alpine pasture with rocks, 1764 m, 11-12.VII.2009 (pitfall traps), 1♀; Plan del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII-23.IX.2009 (pitfall traps), 1♀.

**Chorotype.** — ALPS.

**Macrohabitat.** — Alpine pastures.

**Notes.** — New record for Piemonte.

**Mecynargus** cf. *paetulus* (O. P.-Cambridge, 1875)

**New Data.** — Valdieri: nearby Lago Soprano della Sella, Alpine prairies with rocky debris, 2300 m, 1.VIII.2011, 1♀.

**Chorotype.** — EUR.

**Macrohabitat.** — Alpine prairies.

**Notes.** — In the absence of males, the identification of this species remains doubtful. However, the presence of this species in the study area is plausible, given that Tanasevitch (2011) has reported *M. paetulus* in Piemonte (Valle Toggia, Verbania).

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

**New Data.** — Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII-23.IX.2009 (pitfall traps), 1♀.

**Chorotype.** — PAL.

**Macrohabitat.** — Alpine prairies.

**Notes.** — New record for Piemonte.

**Micrargus alpinus** Relys & Weiss, 1997


**Chorotype.** — ALPC.

**Macrohabitat.** — Alpine prairies, riparian habitats.

**Notes.** — New record for Italy.

**Micrargus subaequalis** (Westringer, 1851)

**New Data.** — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 3♂.

**Chorotype.** — ASE.

**Macrohabitat.** — Alpine prairies.

**Notes.** — New record for Piemonte.
**Microlymphia pusilla** (Sundevall, 1830)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♂ (collected within the Pitt Summer School 2012); Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 11.VII-27.VIII.2009 (pitfall traps), 1♀; Vernante: Palanfré, Gias del Chiot, beech forest, 1550 m, 10.IX.2008, 1♀.

**LITERATURE.** — Lambiase et al. (2007).

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Alpine prairies, broadleaved woods, shrublands.

**Microneta viaria** (Blackwall, 1841)

**NEW DATA.** — Entracque: Trinità di Entracque, beech forest, 1000-1200 m, 28.V.2011, 1♂; Vernante: Palanfré, beech forest, 1450-1500 m, 9.IX.2011, 2♀ (MRSN); same locality, 13.X.2011, 2♂ (MRSN); same locality, 1500-1550 m, 11.VIII.2011, 1♂, 4♀; same locality, 1600 m, 11.VII.2011, 1♀ (MRSN).

**CHOROTYPE.** — CEU.

**MACROHABITAT.** — Rocky lands.

**NOTES.** — New record for the study area.

**Mughiphanthes pulcher** (Kulczyński, 1881)

**NEW DATA.** — Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 1♂; Valdieri: along the path to Monte Matto, Alpine scree, 2500-3088 m, 27.VI.2011, 2♀.

**CHOROTYPE.** — CEU.

**MACROHABITAT.** — Broadleaved woods.

**NOTES.** — New record for the study area.

**Neriene clathrata** (Sundevall, 1830)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♂ (collected within the Pitt Summer School 2012).

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for the study area.

**Neriene emphana** (Walckenaer, 1841)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 2♂, 1♀ (collected within the Pitt Summer School 2012); Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♀; Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♀; Vernante: Palanfré, beech forest, 1450 m, 9.IX.2011, 2♂ (MRSN); same locality, 1500 m, 9.IX.2011, 4♀ (MRSN); same locality, 1550 m, 9.IX.2011, 2♀ (MRSN); Palanfré, Gias del Chiot, beech forest, 1550 m, 22.VI.2009, 2♀ (beating tray); same locality, 29.VI.2007, 1♂, leg. K. Wolf-Schwenninger & H. Schwenninger.

**LITERATURE.** — Lambiase et al. (2007).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine prairies, broadleaved woods, shrublands, riparian habitats.

**Neriene pelata** (Wider, 1834)

**NEW DATA.** — Entracque: Tetti Violin, riparian habitats, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011); Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♂; Valdieri: pathway to Pian del Valasco, Alpine pasture, 1300-1764 m, 7.VII.2011, 1♀ (MRSN); pathway to Pian del Valasco, beech forest, 1500-2000 m, 30.VI.2009, 2♂, 1♀ (MRSN); pathway to Rifugio Livio Bianco, Alpine prairies with rocky debris, 1200-1800 m, 30.VI.2011, 1♀ (MRSN); Vernante: Palanfré, Gias del Chiot, beech forest, 1550 m, 10.IX.2008, 1♀; Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1♀.

**LITERATURE.** — Lambiase et al. (2007).

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Alpine prairies, broadleaved woods, riparian habitats.

**Oedothorax apicatus** (Blackwall, 1850)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♂ (collected within the Pitt Summer School 2012); Valdieri: pathway to Pian del Valasco, Alpine scree, 2500-3088 m, 27.VI.2011, 2♀.

**CHOROTYPE.** — CEU.

**MACROHABITAT.** — Shrublands, wetlands.

**NOTES.** — New record for the study area.

**Oedothorax retusus** (Westring, 1851)


**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Riparian habitats.

**NOTES.** — New record for the study area.

**Palliduphanthes pallidus** (O. P.-Cambridge, 1871)

**NEW DATA.** — Limone Piemonte: on the way to Bec Baral, Alpine pasture, 2000 m, 16.V.2006, 2♀; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11.VII-27.VIII.2009 (pitfall traps), 2♀; Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♂; Pian del Valasco, Alpine pasture with rocks, 1764 m, 11.VII-27.VIII.2009 (pitfall traps), 1♀; Vallone della Meris, deciduous forest with Fraxinus and Acer,
1200-1800 m, 1.VIII.2011, 1♂; Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 1♀ (MRSN); same locality, 11.VIII.2011, 1♀ (MRSN); same locality, 13.X.2011, 2♂ (MRSN); same locality, 1500 m, 13.X.2011, 1♀ (MRSN); same locality, 1600 m, 11.VIII.2011, 3♀ (MRSN); Palanfrè, Gias del Chiot, beech forest, 1550 m, 10.IX.2008, 1♀; Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♂.

**Literature.** — Brignoli (1972); Isaia *et al.* (2011).

**Chorotype.** — PAL.

**Macrohabitat.** — Alpine pastures, caves.

*Pelecopsis elongata* (Wider, 1834)

**New data.** — Aisone: Vallone della Valletta, Pinet, sparse larch wood, 1200-1500 m, 27.X.2010, 2♂.

**Chorotype.** — EUR.

**Macrohabitat.** — Larch woods.

**Notes.** — New record for Piemonte.

*Pelecopsis parallela* (Wider, 1834)

**Literature.** — Calloni (1889).

**Chorotype.** — PAL.

**Macrohabitat.** — not specified.

*Piniphantes pinicola* (Simon, 1884)

**New data.** — Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 29.VI.2009, 1♀.

**Literature.** — Paschetta *et al.* (2013).

**Chorotype.** — TUE.

**Macrohabitat.** — Alpine prairies, wetlands.

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

**New data.** — Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 29.VI.2009, 1♀.

**Chorotype.** — ASE.

**Macrohabitat.** — Riparian habitats.

**Notes.** — New record for Piemonte.

*Poeciloneta variegata* (Blackwall, 1841)

**Literature.** — Paschetta *et al.* (2013).

**Chorotype.** — OLA.

**Macrohabitat.** — Alpine pastures.

*Prinerigone vagans* (Audouin, 1826)

**New data.** — Valdieri: Pian della Casa, Alpine grassland with peatbogs, 1760 m, 29.VI-9.VIII.2007 (pitfall traps), 1♂, 2♀, leg. K. Wolf-Schwenninger & H. Schwenninger; Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII.2009, 1♀.

**Chorotype.** — PAL.

**Macrohabitat.** — Alpine pastures.

**Notes.** — New record for the study area.

*Scotinotylus antennatus* (O. P.-Cambridge, 1875)

**Literature.** — Calloni (1889).

**Chorotype.** — CEU.

**Macrohabitat.** — not specified.

*Styloctetor stativus* (Simon, 1881)

**New data.** — Vernante: Palanfrè, beech forest, 1550 m, 11.VIII.2011, 1♂; Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010, 1♂.

**Chorotype.** — OLA.

**Macrohabitat.** — Alpine pastures, broadleaved woods.

**Notes.** — New record for the study area.

*Tapinocyba praecox* (O. P.-Cambridge, 1873)

**Literature.** — Paschetta *et al.* (2013).

**Chorotype.** — EUR.

**Macrohabitat.** — Alpine prairies.

**Notes.** — New record for the study area.

*Tenuiphantes flavipes* (Blackwall, 1854)

**New data.** — Aisone: Vallone della Valletta, Pinet, sparse larch wood, 1200-1500 m, 29.X.2010, 1♀; Entracque: Torrent Violin, banks of a small stream with bushes, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011); Valdieri: Vallone della Meris, peatbog, 1200-1800 m, 27.V.2011, 1♀.

**Chorotype.** — PAL.

**Macrohabitat.** — Larch woods, riparian habitats, wetlands.

**Notes.** — New record for the study area.

*Tenuiphantes mengei* (Kulczyn'ski, 1887)

**New data.** — Aisone: Sorgente Pinet, In the gravel of a small spring among mosses, 1560 m, 11.IX.2011, 1♂; Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 1♀; Valdieri: Galleria di Valscura, Alpine scree, 2100 m,
11-12.VII.2009 (pitfall traps), 1♂; Vernante: Palanfré, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 2♀, leg. B. Rizzioli.

**Chorotype.** — PAL.
**Macrohabitat.** — Alpine pastures, wetlands.

**Notes.** — New record for the study area.

**Tenuiphantes tennebricola** (Wider, 1834)

**New data.** — Aisone: Sorgente Pinet, In the gravel of a small spring among mosses, 1560 m, 11.IX.2011, 1♂; Entracque: Trinità di Entraceque, beech forest, 1000-1200 m, 28.V.2011, 1♂; Valdieri: Lago Sottano della Sella, Alpine grassland, close to lake shore, 1882 m, 17.VIII.2010, 1♀; pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 23.IX.2009, 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011, 1♂; Vernante: Palanfré, beech forest, 1450 m, 9.IX.2011, 6♀ (MRSN); same locality, 11.VIII.2011, 2♂, 4♀ (MRSN); same locality, 13.X.2011, 1♂, 2♂ (MRSN); same locality, 1500 m, 9.IX.2011, 3♂, 10♀ (MRSN); same locality, 1500 m, 13.X.2011, 2♂, 1♀ (MRSN); same locality, 1500 m, 9.IX.2011, 2♂ (MRSN); same locality, 1500 m, 11.VIII.2011, 4♀ (MRSN); same locality, 1550 m, 13.X.2011, 2♀, 14♀ (MRSN); same locality, 1550 m, 9.IX.2011, 2♀ (MRSN); same locality, 1550 m, 11.VIII.2011, 1♀, 1♂, 9砟 (MRSN); same locality, 1600 m, 9.IX.2011, 1♂, 11♀ (MRSN); same locality, 1600 m, 11.VIII.2011, 11♀ (MRSN); same locality, 1600 m, 13.X.2011, 9♂, 23♀ (MRSN); same locality, 1550 m, 2.VII.2010, 1♀; same locality, 1550 m, 22.VI.2009, 1♀.

**Chorotype.** — SIE.
**Macrohabitat.** — Alpine prairies, broadleaved woods, riparian habitats, wetlands.

**Notes.** — New record for the study area.

**Tenuiphantes tenuis** (Blackwall, 1852)

**New data.** — Valdieri: Pian della Casa, Alpine grassland with peat-bogs, 1760 m, 29.VI-9.VIII.2007 (pitfall traps), 1♂; leg. K. Wolf-Schwenninger & H. Schwenninger; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂; Vernante: Palanfré, Gias della Chiot, beech forest, 1550 m, 10.IX.2008, 1♂.

**Literature.** — Paschetta et al. (2013).

**Chorotype.** — TUE.
**Macrohabitat.** — Alpine pastures, Alpine prairies, broadleaved woods.

**Tiso vagans** (Blackwall, 1834)


**Literature.** — Paschetta et al. (2013).

**Chorotype.** — EUR.
**Macrohabitat.** — Alpine pastures, Alpine prairies.

**Troglomyphantes konradi** Brignoli, 1975

**Literature.** — Brignoli (1975, 1985); Bologna & Vigna Taglianti (1982); Paschetti (2001); Arnó & Lana (2005); Isaia et al. (2007, 2010c, 2011); Isaia & Panini (2010).

**Chorotype.** — ALSW.
**Macrohabitat.** — Caves.

**Turiniophila clairi** (Simon, 1884)

(Fig. 4)

**New data.** — Entracque: Gias degli Isterpis, Vallone Gesso della Barra, Alpine prairies with rocky debris, 1368 m, 23.V.2010, 1♂; Trinità di Entraceque, Vallone Bousset, beech forest, 1000-1200 m, 15.VI.2009, 1♂ (beating tray); Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♂; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 29.VI.2009, 1♀; pathway to Pian del Valasco, beech forest, 1500-2000 m, 30.VI.2011, 1♂, 2♀ (MRSN); Vernante: Palanfré, beech forest, 1500 m, 9.IX.2011, 1♀ (MRSN); same locality, 13.X.2011, 1♂ (MRSN); same locality, 1600 m, 13.X.2011, 2♂ (MRSN); same locality, 1500 m, 2.VII.2010, 2♂, 2♀; same locality, 1550 m, 10.IX.2008, 2♂, 9♀; same locality, 1550 m, 22.VI.2009, 2♂, 1♀ (beating tray).

**Literature.** — Maurer & Thaler (1988); Lambiase et al. (2007).

**Chorotype.** — WEU.
**Macrohabitat.** — Alpine grasslands, broadleaved woods, riparian habitats.

**Walckeneraia acuminata** Blackwall, 1833

**New data.** — Vernante: Palanfré, beech forest, 1500 m, 13.X.2011, 1♂.

**Chorotype.** — EUR.
**Macrohabitat.** — Broadleaved woods.

**Notes.** — New record for Piemonte.

**Walckeneraia alticeps** (Denis, 1952)

**New data.** — Entracque: Trinità di Entraceque, beech forest, 1000-1200 m, 28.V.2011, 1♂; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11.VII-27.VIII.2009 (pitfall traps), 1♂.

**Chorotype.** — EUR.
**Macrohabitat.** — Broadleaved woods, riparian habitats.

**Notes.** — New record for Piemonte.

**Walckeneraia cf. simplex** Chyzer, 1894

**New data.** — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂.
**Walckenaeria languida** (Simon, 1914)

**NEW DATA.** — Vernante: Palanfrè, beech forest, 1450 m, 11.VIII.2011, 1♂.

**CHOROTYPE.** — CEU.

**MACROHABITAT.** — Alpine prairies.

**NOTES.** — Identification doubtful, in need of validation.

**Walckenaeria monoceros** (Wider, 1834)

**LITERATURE.** — Calloni (1889).

**CHOROTYPE.** — TUE.

**MACROHABITAT.** — Broadleaved woods.

**NOTES.** — New record for Piemonte.
Family **Tetragnathidae** Menge, 1866

**Meta menardi** (Latreille, 1804)  
(Fig. 5)

**New data.** — Valdieri: Vallone della Meris, small cave in beech forest, 1200-1800 m, 26.V.2011, 1♂.

**Literature.** — Brignoli (1971, 1972, 1975, 1985); Manzone et al. (1987); Lana et al. (2003); Arnò & Lana (2005); Isaia et al. (2011).

**Chorotype.** — EUR.

**Macrohabitat.** — Caves.

**Metellina mengei** (Blackwall, 1870)

**New data.** — Entracque: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♀; Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♀; Vallone della Meris, small cave in beech forest, 1200-1800 m, 26.V.2011, 1♂.

**Literature.** — Lambiase et al. (2007).

**Chorotype.** — EUR.

**Macrohabitat.** — Broadleaved woods, shrublands, caves.

**Metellina meriana**e (Scopoli, 1763)

**New data.** — Entracque: Gias degli Isterpis, Vallone Gesso della Barra, Alpine prairies with rocky debris, 1368 m, 23.V.2010, 2♀; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11.VII-27.VIII.2009 (pitfall traps), 1♀; same locality, 11.VII-12.VII.2009 (pitfall traps), 1♂, 2♀; same locality, 29.VI.2009, 1♂, 2♀.

**Literature.** — Martinotti (1968); Brignoli (1971, 1972, 1975, 1985); Bologna & Vigna Taglianti (1985); Lana et al. (2003); Arnò & Lana (2005); Isaia et al. (2011).

**Chorotype.** — EUR.

**Macrohabitat.** — Alpine grasslands, caves, riparian habitats.

**Metellina segmentata** (Clerck, 1757)  
(Fig. 6)

**New data.** — Entracque: Gorge della Reina, shrubland with *Juniperus phoenicea*, 900-1200 m, 16.IX.2011, 5♂, 8♀ (MRSN); pathway to Gorge della Reina, shrubland with *Juniperus phoenicea*, 900 m, 16.IX.2011, 3♂ (MRSN); Trinità di Entracque, Vallone Bousset, beech forest, 1000-1200 m, 15.VI.2009, 1♂ (beating tray); Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♀, 3♂; Valdieri: Desertetto, grassland, 1088-1885 m, 14.IX.2011, 5♂, 6♀ (MRSN); path-
way to Pian del Valasco, beech forest near stream, 1500-2000 m, 27.VIII.2009, 1♂, 1♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 29.VI.2009, 1♀; Vernante: Palanfré, beech forest, 1500 m, 22.IX.2011, 1♀ (MRSN); Palanfré, Gias del Chior, beech forest, 1550 m, 10.IX.2008, 2♂, 1♀.

LITERATURE. — Brignoli (1966); Lambiase et al. (2007).

CHOROTYPE. — OLA.

Macrohabitat. — Alpine grasslands, Alpine prairies, broadleaved woods, shrublands, riparian habitats.

*Aculepeira carbonaria* (L. Koch, 1869)


LITERATURE. — Brignoli (1966).

CHOROTYPE. — PAL.

Macrohabitat. — Rocky lands.

*Aculepeira ceropegia* (Walckenaer, 1802)

New data. — Entracque: pathway to Lago degli Alberghi, Alpine prairies with rocky debris, 1800-2200 m, 26.VII.2011, 1♀ (MRSN); Tetti Violin, grassland, 900-1100 m, 4.VII.2012, 5♂, 3♀ (collected within the PIT Summer School 2012); Valdieri: Sant’Anna di Valdieri, stone wall, 1200 m, 21.VII.2011, 1♀ (MRSN), leg. F. La Pietra & L. Picciau.

CHOROTYPE. — PAL.

Macrohabitat. — Shrublands, riparian habitats.

Notes. — New record for the study area.
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27.VIII.2009, 1♀; pathway to Rifugio Livio Bianco, Alpine prairies with rocky debris, 1200-1800 m, 30.VI.2011, 1♂, 1♀ (MRSN); Pian del Valasco, Alpine grassland with peatbogs, 1764 m, 7.VII.2011, 1♀, 4 juv. (MRSN); Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♀; Vernante: Palanfré, Pianard, Garbella, sparse wood, grassland, 1600 m, 30.VI.2010, 1♂, 4♀.

LITERATURE. — Brignoli (1966); Calloni (1889); Lambiase et al. (2007).

CHOROTYPE. — PAL.

MACROHABITAT. — Alpine grasslands, Alpine prairies, broadleaved woods, riparian habitats, wetlands.

27.VIII.2009, 1♀; pathway to Rifugio Livio Bianco, Alpine prairies with rocky debris, 1200-1800 m, 30.VI.2011, 1♂, 1♀ (MRSN); Pian del Valasco, Alpine grassland with peatbogs, 1764 m, 7.VII.2011, 1♀, 4 juv. (MRSN); Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♀; Vernante: Palanfré, Pianard, Garbella, sparse wood, grassland, 1600 m, 30.VI.2010, 1♂, 4♀.

LITERATURE. — Brignoli (1966); Calloni (1889); Lambiase et al. (2007).

CHOROTYPE. — PAL.

MACROHABITAT. — Alpine grasslands, Alpine prairies, broadleaved woods, riparian habitats, wetlands.

Araneus angulatus Clerck, 1757

27.VIII.2009, 1♀; pathway to Rifugio Livio Bianco, Alpine prairies with rocky debris, 1200-1800 m, 30.VI.2011, 1♂, 1♀ (MRSN); Pian del Valasco, Alpine grassland with peatbogs, 1764 m, 7.VII.2011, 1♀, 4 juv. (MRSN); Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♀; Vernante: Palanfré, Pianard, Garbella, sparse wood, grassland, 1600 m, 30.VI.2010, 1♂, 4♀.

LITERATURE. — Brignoli (1966); Calloni (1889); Lambiase et al. (2007).

CHOROTYPE. — PAL.

MACROHABITAT. — Alpine grasslands, Alpine prairies, broadleaved woods, riparian habitats, wetlands.

NEW DATA. — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♂ (collected within the PIT Summer School 2012); Valdieri: Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♀.

CHOROTYPE. — PAL.

MACROHABITAT. — Shrublands, riparian habitats.

NOTES. — New record for the study area.

Fig. 7. — Aculepeira carbonaria (L. Koch, 1869) (Araneidae), Valdieri, Rifugio Questa. Photograph: Mauro Paschetta (2011).
*Araneus circe* (Audouin, 1826)

**LITERATURE.** — Brignoli (1966).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — not specified.

*Araneus diadematus* Clerck, 1757

(Fig. 10)

**NEW DATA.** — Entracque: Gorge della Reina, shrubland with *Juniperus phoenicea*, 900-1200 m, 16.IX.2011, 1♀ (MRSN); Lago della Rovina, Alpine scree, 1535 m, 19.VIII.2011, 1♀ (MRSN), leg. F. La Pietra; pathway to Gorge della Reina, shrubland with *Juniperus phoenicea*, 900 m, 16.IX.2011, 2♂ (MRSN); Valdieri: Desertetto, grassland, 1088-1885 m, 14.IX.2011, 6♀ (MRSN); pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 27.VII.2009, 1♀; pathway to Rifugio Livio Bianco, Alpine prairies with rocky debris, 1200-1800 m, 26.VI.2011, 1♂ (MRSN); Pian del Valasco, Alpine grassland with peatbogs, 1764 m, 7.VII.2011, 2 juveniles (MRSN); Vallone di Lorossa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 2♀.

**LITERATURE.** — Brignoli 1966; Isaia *et al.* (2007); Lambiase *et al.* (2007).

**CHOROTYPE.** — OLA.
**Macrohabitat.**—Alpine grasslands, Alpine prairies, broadleaved woods, shrublands, riparian habitats, rocky lands.

*Araneus marmoreus* Clerck, 1757

(Fig. 11)

**New data.**—Entracque: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♀; Vernante: Palanfré, Gias del Chior, beech forest, 1550 m, 22.VI.2009, 2♀ (beating tray).

**Literature.**—Brignoli (1966); Lambiase et al. (2007).

**Chorotype.**—OLA.

**Macrohabitat.**—Alpine grasslands, Alpine prairies, broadleaved woods, shrublands, riparian habitats, rocky lands.

*Araneus marmoreus var. pyramidatus* Clerck, 1757

**New data.**—Entracque: Gorge della Reina, shrubland with Juniperus phoenicea, 900-1200 m, 16.IX.2011, 1♂ (MRSN); Vernante: Palanfré, beech forest, 1600 m, 22.IX.2011, 1♀ (MRSN).

**Chorotype.**—OLA.

**Macrohabitat.**—Alpine grasslands, Alpine prairies, broadleaved woods, shrublands.

**Notes.**—New record for the study area.

*Araneus quadratus* Clerck, 1757

**Literature.**—Calloni (1889); Lambiase et al. (2007).

**Chorotype.**—PAL.

**Macrohabitat.**—Alpine prairies.

*Araneus triguttatus* (Fabricius, 1793)

**New data.**—Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 2♂, 1♀; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11.VII.2009, 1♂.

**Chorotype.**—ASE.

**Macrohabitat.**—Riparian habitats.

**Notes.**—New record for the study area.

*Araniella alpica* (L. Koch, 1869)

**New data.**—Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 29.VI.2009, 1♂, 1♀.

**Chorotype.**—EUR.
**Macrohabitat.** — Broadleaved woods, riparian habitats.

**Notes.** — New record for Piemonte.

*Araniella cucurbitina* (Clerck, 1757)

**New data.** — Entracque: pathway to Lago degli Alberghi, Alpine prairies with rocky debris, 1800-2200 m, 26.VII.2011, 1♀ (MRSN); Terri Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♂, 15♀ (collected within the PIT Summer School 2012); Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 27.VIII.2009, 1♀; Vernante: Palanfrè, Gias del Chiot, beech forest, 1550 m, 22.VI.2009, 1♀ (beating tray).

**Chorotype.** — PAL.

**Macrohabitat.** — Alpine prairies, broadleaved woods, shrublands, riparian habitats.

**Notes.** — New record for the study area.

*Araniella opisthographa* (Kulczynski, 1905)

**New data.** — Entracque: Terri Violin, Riparian bushes, 900-1100 m, 10.VI.2011, 10♀ (collected within the PIT Summer School 2011); Valdieri: pathway to lago Soprano della Sella, Alpine prairies with rocky debris, 1900-2300 m, 30.VI.2011, 1♂ (MRSN); Natural Reserve...
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of Rocca San Giovanni-Saben, shrubland with juniperus phoenicea, 1000-1500 m, 18.VI.2009, 1♂, 1♀; Vernante: Pianfré, Pianard, Garbella, sparse wood, grassland, 1600 m, 30.VI.2010, 3♂, 1♀.

LITERATURE. — Lambiase et al. (2007).

CHOROTYPE. — TUE.

MACROHABITAT. — Alpine grasslands, broadleaved woods, shrublands, riparian habitats.

Argiope bruennichi (Scopoli, 1772) (Fig. 12)

NEW DATA. — Entracque: Gorge della Reina, shrubland with juniperus phoenicea, 900-1200 m, 16.IX.2011, 1♀ (MRSN).

LITERATURE. — Brignoli (1966).

CHOROTYPE. — PAL.

MACROHABITAT. — Shrublands.

Cyclosa conica (Pallas, 1772)

NEW DATA. — Entracque: Gorge della Reina, shrubland with juniperus phoenicea, 900-1200 m, 16.IX.2011, 1 juv. (MRSN); Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 3♂, 5♀; Tetti Violin, banks of a small stream with bushes, 900-1100 m, 15.V.2012, 1♀; Tetti Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011); Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 10♀; Valdieri: Deserteto, grassland, 1088-1885 m, 14.IX.2011, 1 juv, 1♀ (MRSN); pathway to lago Soprano della Sella, Alpine prairies with rocky debris, 1900-2300 m, 30.VI.2011, 1♀ (MRSN); Vernante: Pianfré, Gias del Chiot, beech forest, 1550 m, 22.VI.2009, 1♀ (beating tray); Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1♂, 1♀ (MRSN).

LITERATURE. — Lambiase et al. (2007).

CHOROTYPE. — OLA.

MACROHABITAT. — Alpine grasslands, Alpine prairies, broadleaved woods, shrublands, not specified.

Cyclosa oculata (Walckenaer, 1802)

NEW DATA. — Entracque: Gorge della Reina, shrubland with juniperus phoenicea, 900-1200 m, 16.IX.2011, 1 juv.

CHOROTYPE. — ASE.

MACROHABITAT. — Shrublands.

NOTES. — Identification based on the diagnostic shape of the abdomen. New record for the study area.
**Hypsosinga albovittata** (Westring, 1851)

**NEW DATA.** — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 29.VI.2011, 2♀.

**CHOROTYPE.** — SIE.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for the study area.

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**Larinioides patagiatus** (Clerck, 1757)

**NEW DATA.** — Entracque: Trinità di Entracque, Vallone Bousset, beech forest, 1000-1200 m, 15.VI.2009, 1♀ (beating tray); Valdieri: nearby Rifugio Livio Bianco, lake shore, among mosses, 1900 m, 27.VI.2011, 1♂, 4♀; pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11-12.VII.2009 (pitfall traps), 1♀; Vernante: Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 3.VI.2010, 1♀.

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Broadleaved woods, riparian habitats, wetlands.

**NOTES.** — New record for the study area.

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**Larinioides sclopetarius** (Clerck, 1757)

**LITERATURE.** — Brignoli (1966).

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — not specified.

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**Mangora acalypha** (Walckenaer, 1802)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♀ (collected within the PIT Summer School 2012); Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♂, 1♀.

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for the study area.

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**Neoscona adianta** (Walckenaer, 1802)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 5♂, 3♀ (collected within the PIT Summer School 2012); Valdieri: Desertetto, grassland, 1088-1885 m, 14.IX.2011, 1♀ (MRSN); Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 29.VI.2011, 1♂ (MRSN).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine grasslands, shrublands.

**NOTES.** — New record for the study area.

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**Nuctenea umbratica** (Clerck, 1757)

**NEW DATA.** — Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 27.VIII.2009, 1♀.

**LITERATURE.** — Lambiase et al. (2007).

**CHOROTYPE.** — SIE.

**MACROHABITAT.** — Broadleaved woods, riparian habitats.

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**Parazygiella montana** (C. L. Koch, 1834)

**NEW DATA.** — Valdieri: nearby Rifugio Livio Bianco, lake shore, among mosses, 1900 m, 27.VI.2011, 1♀; pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11-12.VII.2009 (pitfall traps), 1♀; Vernante: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♂, 1♀; Valdieri: nearby Rifugio Livio Bianco, lake shore, among mosses, 1900 m, 27.VI.2011, 1♂, 4♀; pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11-12.VII.2009 (pitfall traps), 1♀; same locality, 29.VI.2009, 4♀; Rifugio Questa — Lago delle Portette, Alpine scree, 2300 m, 11-12.VII.2009 (pitfall traps), 1♀; Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♀.

**CHOROTYPE.** — SEU.

**MACROHABITAT.** — Broadleaved woods, riparian habitats, rocky lands, wetlands.

**NOTES.** — New record for the study area.

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**Family Lycosidae Sundevall, 1833**

**Alopecosa accentuata** (Latreille, 1817)

**NEW DATA.** — Limone Piemonte: Bec Baral, Alpine prairies with rocky debris, 2130 m, 23.V.1999, 1♂; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11-12.VII.2009 (pitfall traps), 1♀; same locality, 29.VI.2009, 1♀; pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 27.VIII.2009, 1♀; Vernante: Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 3.VI.2010, 1♀.

**LITERATURE.** — Lambiase et al. (2007).

**CHOROTYPE.** — SIE.

**MACROHABITAT.** — Alpine prairies, shrublands.

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**Alopecosa aculeata** (Clerck, 1757)

**NEW DATA.** — Valdieri: surroundings of Lago del Claus, Alpine prairies with rocky debris, 2130 m, 23.V.1999, 1♂; Valdieri: pathway to Rifugio Livio Bianco, Alpine prairies with rocky debris, 1200-1800 m, 30.VI.2011, 1♀ (MRSN); Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 19.V.2011, 1♀ (MRSN); same locality, 29.IV.2009, 1♂; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine pastures with rocky debris, 1500-2300 m, 1-31.VIII.2011, 1♀.

**LITERATURE.** — Lambiase et al. (2007); Paschetta et al. (2013).

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Alpine prairies, shrublands, rocky lands.
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**Alopecosa alpicola** (Simon, 1876)

**NEW DATA.** — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♂; Vernante: Monte Chamoussier, Vallone degli Alberghi, high Alpine prairies with scattered rocks, 2478 m, 1.VII.2010, 1♀; Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010, 1♂.

**LITERATURE.** — Lugetti & Tongiorgi (1969); Isaia et al. (2007); Paschetta et al. (2013).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine pastures, Alpine prairies, rocky lands.

**Alopecosa cuneata** (Clerck, 1757)

**NEW DATA.** — Entracque: Gias degli Isterpis, Vallone Gesso della Barra, Alpine prairies with rocky debris, 1368 m, 23.V.2010, 1♂; Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011, 1♀; Vernante: Palanfrè, Pianard, Garbella, sparse wood, grassland, 1600 m, 14.VI.2010, 1♀.

**LITERATURE.** — Lambiase et al. (2007); Paschetta et al. (2013).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine grasslands, Alpine prairies.
**Alopecosa inquilina** (Clerck, 1757)

**NEW DATA.** — Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 1♀, leg. B. Rizzioli.

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine pastures.

**NOTES.** — New record for the study area.

**Alopecosa mariae** (Dahl, 1908)

**NEW DATA.** — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♂.

**CHOROTYPE.** — SIE.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for the study area.

**Alopecosa pulverulenta** (Clerck, 1757)

**NEW DATA.** — Entracque: Gias degli Isterpis, Vallone Gesso della Barra, Alpine prairies with rocky debris, 1368 m, 23.V.2010, 1♂; Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 1♂; Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 11-12.VII.2009 (pitfall traps), 1♂; Vernante: Palanfrè, Pianard, Garbella, sparse wood, grassland, 1600 m, 14.VI.2010, 1♂.

**LITERATURE.** — Calloni (1889); Lambiase *et al.* (2007).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine grasslands, Alpine prairies.

**Alopecosa trabalis** (Clerck, 1757)

**NEW DATA.** — Entracque: Tetì Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♀ (collected within the PIT Summer School 2012); Tetì Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♂; Tetì Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1♂, 2♀ (collected within the PIT Summer School 2011); Valdieri: Desertetto, grassland, 1088-1885 m, 14.IX.2011, 1♂ (MRSN); Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 18-23.VI.2009 (pitfall traps), 1♂; Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♂; Natural Reserve of Rocca San Giovanni-Saben, forest edge with scattered rocks, 1000-1500 m, 22.IX.2009, 1♂ (MRSN); Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 1♂ (MRSN); same locality, 11.VIII.2011, 1♂ (MRSN); same locality, 1550 m, 9.IX.2011, 1♀ (MRSN); same locality, 1600 m, 11.VIII.2011, 6♂, 1♀ (MRSN); same locality, 13.X.2011, 1♀ (MRSN); Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 20♂, 1♀, leg. B. Rizzioli; Palanfrè, Pascariand, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 2♂.

**CHOROTYPE.** — TUE.

**MACROHABITAT.** — Alpine grasslands, Alpine pastures, broadleaved woods, shrublands.

**NOTES.** — New record for the study area.

**Arctosa renidescens** Buchar & Thaler, 1995

**NEW DATA.** — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♀; Vernante: Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 2♂.

**CHOROTYPE.** — CEU.

**MACROHABITAT.** — Alpine prairies.

**NOTES.** — New record for Piemonte.

**Aulonia albimana** (Walckenaer, 1805)

**NEW DATA.** — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 18-23.VI.2009 (pitfall traps), 1♀; Vernante: Palanfrè, beech forest, 1600 m, 11.VIII.2011, 1♂ (MRSN).

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Broadleaved woods, shrublands.

**NOTES.** — New record for the study area.

**Hogna radiata** (Latreille, 1817)

**NEW DATA.** — Entracque: Tetì Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♂ (collected within the PIT Summer School 2012); Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♀.

**CHOROTYPE.** — TUM.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for the study area.

**Pardosa agrestis** (Westring, 1861)

**LITERATURE.** — Lambiase *et al.* (2007).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine prairies.

**Pardosa amentata** (Clerck, 1757)  
(Fig. 13)

**NEW DATA.** — Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 2♂; Tetì Violin, banks of a small stream with bushes, 900-1100 m, 15.V.2012, 5♂ (collected within the PIT Summer School 2012); Tetì Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♂ (collected within the PIT Summer School 2012); Torrente Bousset, Trinità di Entracque, stream bank with Pegasites in deciduous forest (Fraxinus), 1000-1200 m, 28.VI-09.VIII.2007 (pitfall traps), 21♂, 22♀, leg. K. Wolf-Schenner & H. Schenner; Valdieri: nearby Lago Soprano della Sella, Alpine prairies with rocky debris, 2300 m, 1.VIII.2011, 3♂, 2♀; near Rifugio Livio Bianco, lake shore, among mosses, 1900 m, 27.VI.2011, 3♀; nearby Rifugio Livio Bianco, peat bog,
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1900 m, 27.VI.2011, 1 ♀; pathway to Pian del Valasco, Alpine scree, 1300-1764 m, 29.VI.2009, 2♂ (MRSN); pathway to Pian del Valasco, beech forest, 1500-2000 m, 19.V.2011, 1♀ (MRSN); Pian del Valasco, Alpine pasture with rocks, 1764 m, 29.VI.2009, 2♂ (MRSN); Pian della Casa, Alpine grassland with peatbogs, 1760 m, 29.VI-9.VIII.2007, 30♂, leg. K. Wolf-Schwenninger & H. Schwenninger; Vallone della Meris, Alpine pastures with rocky debris, 1200-1800 m, 26.V.2011, 4♂, 2♀; Vernante: Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1♂.

LITERATURE. — Calloni (1889); Paschetta et al. (2013).

CHOROTYPE. — SIE.

MACROHABITAT. — Alpine pastures, Alpine prairies, shrublands, broadleaved woods, riparian habitats, rocky lands, wetlands.

**Pardosa bifasciata** (C. L. Koch, 1834)

NEW DATA. — Entracque: Tetri Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♀ (collected within the PIT Summer School 2012); Tetri Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011); Valdieri: southern slope of Monte Boulé, Vallone della Meris, Sant’Anna di Valdieri, Alpine pastures with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♀.

CHOROTYPE. — PAL.

MACROHABITAT. — Alpine pastures, shrublands.

NOTES. — New record for the study area.

**Pardosa blanda** (C. L. Koch, 1833)

NEW DATA. — Valdieri: nearby Lago Soprano della Sella, Alpine pastures with rocky debris, 2300 m, 1.VIII.2011, 3♂, 1♀; nearby Rifugio Livio Bianco, peatbog, 1900 m, 27.VI.2011, 3♂; along the path to Monte Marzo, Alpine scree, 2500-3088 m, 27.VI.2011, 1♂, 1♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 11-12.VII.2009 (pitfall traps), 5♂; same locality, 27.VII-23.IX.2009 (pitfall traps), 3♀; same locality, 29.VI.2009, 3♂; Pian della Casa, Alpine grassland with peatbogs, 1760 m, 29.VI-9.VIII.2007 (pitfall traps), 3♂, 2♀, leg. K. Wolf-Schwenninger & H. Schwenninger; Rifugio Questa – Lago delle Portette, Alpine scree, 2300 m, 11-12.VII.2009 (pitfall traps), 1♂; southern slope of Monte Boulé, Vallone della Meris, Sant’Anna di Valdieri, Alpine pastures with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂; Vallone della Meris, Alpine pastures with rocky debris, 1200-1800 m, 26.V.2011, 2♂; Vernante: Pianfré, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 8♂, 20♀, leg. B. Rizzioli; Pianfré, Pascariu, Alpine prairie, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♂; Pianfré, Pianard, Garbella, sparse wood, grassland, 1600 m, 30.VI.2010, 1♀; Vallone degli Alberghi, Gias Piamian, stream gravel, 1470 m, 1.VII.2010, 1♀; Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 5♂, 3♀.
Pardosa cribrata Simon, 1876

New data. — Entracque: Gorge della Reina, shrubland with Juniperus phoenicea, 900-1200 m, 16.IX.2011, 1♀ (MRSN); Torrente Bousset, Trinità di Entracque, open area close to a spring with Petasites locality, 29.VI.2009, 3♀ (MRSN); same locality, 29.VI-9.VIII.2007, 2♂, leg. K. Wölff-Schwenninger & H. Schwenninger; Vernante: Palanfrè, beech forest, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♂. — New record for the study area.

Notes. — Identification based on ethological evidence according to Töpfer-Hofmann et al. (2000).

Pardosa mixta (Kulczyński, 1887)

New data. — Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 11.VII-21.VIII.2009 (pitfall traps), 1♂, 2♀; Pian della Casa, Alpine grassland with peatbogs, 1760 m, 29.VI-9.VIII.2007 (pitfall traps), 1♂, leg. K. Wölff-Schwenninger & H. Schwenninger; Vernante: Palanfrè, beech forest, 1600 m, 11.VIII.2011, 1♀ (MRSN); Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 20♀, 2♂, leg. B. Rizzoli; Palanfrè, Pascarund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♂.

Notes. — Identification based on ethological evidence according to Töpfer-Hofmann et al. (2000).

Pardosa nigra (C. L. Koch, 1834)

New data. — Valdieri: Lago Sottano della Sella, Alpine grassland, close to lake shore, 1882 m, 17.VIII.2010, 1♀; nearby Lago Soprano della Sella, Alpine prairies with rocky debris, 2300 m, 1.VIII.2011, 1♂; along the path to Monte Matto, Alpine scree, 2500-3088 m, 27.VI.2011, 1♂, 1♀; Vallone Assedras, Rifugio Remondino, Alpine scree, 2460 m, 6.VIII.2009, 1♂ (MRSN).

Notes. — New record for the study area.

Pardosa oreophila Simon, 1937

New data. — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1.VIII-31.VIII.2011 (pitfall traps), 1♂; Vernante: Palanfrè, Pascarund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♂.

Notes. — New record for the study area.

Pardosa paludicola (Clerck, 1757)

Notes. — Not specified.

Literature. — Isaia et al. (2007); Lambiase et al. (2007); Paschetta et al. (2013).

Chorotype. — PAL.

Macrohabitat. — Alpine prairies, broadleaved woods.

Notes. — Identification based on ethological evidence according to Töpfer-Hofmann et al. (2000).
**Pardosa palustris** (Linnaeus, 1758)

**Literature.** — Calloni (1889).

**Chorotype.** — OLA.

**Macrohabitat.** — not specified.

**Pardosa riparia** (C. L. Koch, 1833)

**New data.** — Entracque: Casermette, grassland, 886 m, 9.VI.2011, 1♂ (collected within the PIT Summer School 2011); Torrente Bousset, Trinità di Entracque, stream bank, among gravels, 1000-1200 m, 29.VI.2007, 2♀, leg. K. Wolf-Swenninger & H. Schwenninger; Valdieri: pathway to lago Soprano della Sella, Alpine prairies with rocky debris, 1900-2300 m, 30.VI.2011, 1♀ (MRSN); Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 2♀ (MRSN); same locality, 11.VIII.2011, 1♀ (MRSN); same locality, 1500 m, 9.IX.2011, 1♀ (MRSN); Palanfrè, same locality, 11.VIII.2011, 4♀ (MRSN); same locality, 1550 m, 9.IX.2011, 2♀ (MRSN); same locality, 11.VIII.2011, 2♀ (MRSN); same locality, 1550 m, 13.X.2011, 3♀ (MRSN); same locality, 1600 m, 11.VIII.2011, 4♀ (MRSN); same locality, 13.X.2011, 2♀ (MRSN); Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 10♂, 10♀, leg. B. Rizzioli; Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♀; Palanfrè, Pianard, Garbella, sparse wood, grassland, 1600 m, 14.VI.2010, 2♀; Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 3♂, 2♀.

**Literature.** — Lambiase et al. (2007).

**Chorotype.** — PAL.

**Macrohabitat.** — Alpine grasslands, Alpine pastures, Alpine prairies, broadleaved woods, riparian habitats.

**Pardosa saltans** Töpfer-Hofmann, 2000

**New data.** — Valdieri: Natural Reserve of Roca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 19.V.2011, 1♂ (MRSN); same locality, 1379 m, 29.IV.2009, 4♂, 1♀; Vallone della Meris, Alpine prairies with rocky debris, 1200-1800 m, 26.V.2011, 1♂, 1♀; Vernante: Palanfrè, Vallone Garbella, unpaved road among Alpine pasture, 1379 m, 16.VI.2007, 6♂; Palanfrè, Vallone Garbella, wood margin (broadleaved forest), 1379 m, 16.VI.2007, 2♂, 2♀.

**Chorotype.** — EUR.

**Macrohabitat.** — Alpine grasslands, broadleaved woods, shrublands.

**Notes.** — Identification based on ethological evidence according to Töpfer-Hofmann et al. (2000). New record for the study area.

**Pardosa sp.**

**New data.** — Valdieri: nearby Rifugio Livio Bianco, peatbog, 1900 m, 27.VI.2011, 2♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 11.VII-27.VIII.2009 (pitfall traps), 5♂, 17♀; southern slope of Monte Bourel, Vallone della Meris, San’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂; surroundings of Lago del Claus, Alpine scree, 2350 m, 8.VII.2011, 1 (MRSN); Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 1♀.

**Literature.** — Paschetta et al. (2013).

**Macrohabitat.** — Alpine pastures, Alpine prairies, broadleaved woods, rocky lands.

**Notes.** — According to the shape of the palps and epygynes these individuals clearly belong to the monticola-group, but identification at species level remains doubtful.

**Piratula knorri** (Scopoli, 1763)

**New data.** — Entracque: Gorge della Reina, stream banks, 900-1200 m, 27.V.2011, 2♀; Tetti Violin, banks of a small stream with bushes, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011); Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♂ (collected within the PIT Summer School 2012).

**Chorotype.** — PAL.

**Macrohabitat.** — Shrublands, riparian habitats.

**Notes.** — New record for the study area.

**Trochosa terricola** Thorell, 1856

**New data.** — Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 1♀ (MRSN); same locality, 1500 m, 9.IX.2011, 1♀ (MRSN); same locality, 13.X.2011, 2♂ (MRSN); same locality, 11.VIII.2011, 2♂ (MRSN); same locality, 11.VIII.2011, 1♀ (MRSN).

**Literature.** — Calloni (1889); Lambiase et al. (2007).

**Chorotype.** — OLA.

**Macrohabitat.** — Alpine prairies, broadleaved woods, not specified.

**Vesubia jugorum** (Simon, 1881) (Fig. 14)

**New data.** — Valdieri: nearby Lago Soprano della Sella, Alpine scree, 2300 m, 27.VI.2011, 1♀; slopes of Monte Bourel, rocky debris, 2360 m, 2.VIII.2011, 2♀; surroundings of Lago Sottano di Valscura, Alpine scree, 2300 m, 8.VII.2011, 1♀; Vallone Assedras, Rifugio Remondino, Alpine scree, 2400 m, 6.VIII.2009, 2♂, 1♀; Vernante: Monte Chamoussier, Vallone degli Alberghi, high Alpine prairies with scattered rocks, 2478 m, 1.VII.2010, 1♀.

**Literature.** — Tongiorgi (1969); Maurer & Thaler (1988); Isaia et al. (2007).

**Chorotype.** — ALSW.

**Macrohabitat.** — Rocky lands.

**Xerolycosa miniata** (C. L. Koch, 1834)

**New data.** — Entracque: Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011); Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII.2009, 1♀.

**Chorotype.** — PAL.

**Macrohabitat.** — Alpine grasslands, Alpine prairies.

**Notes.** — New record for the study area.
**Xerolycosa nemoralis** (Westring, 1861)

NEW DATA. — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1 ♂ (collected within the PIT Summer School 2012); Valdieri: pathway to Pian del Valsaco, beech forest near stream, 1500-2000 m, 11.VII-27.VIII.2009 (pitfall traps), 2 ♂; Pian del Valsaco, Alpine pasture with rocks, 1764 m, 11.VII-27.VIII.2009 (pitfall traps), 1 ♂, 1 ♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1 ♂; Vallone della Meris, Gias Prato, Alpine prairies with rocky debris, 1600 m, 27.VI.2011, 2 ♀; Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1 ♂, 1 ♀; Vernante: nearby Palanfrè, grassland, 1400 m, 21.VII.2011, 8 ♂, 4 ♀ (MRSN); Palanfrè, Gias del Chiot, beech forest, 1550 m, 22.VI.2009, 1 ♀, 1 ♂ (beating tray); Vallone degli Alberghi, Gias Piamian, stream gravel, 1470 m, 1.VII.2010, 1 ♂; Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1 ♂.

LITERATURE. — Lambiase et al. (2007); Paschetta et al. (2013).

CHOROTYPE. — PAL.

MACROHABITAT. — Alpine pastures, Alpine prairies, broadleaved woods, shrublands, riparian habitats.

**Family Pisauridae** Simon, 1890

**Pisaura mirabilis** (Clerck, 1757)

NEW DATA. — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 3 ♀ (collected within the PIT Summer School 2012); Tetti Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1 ♀ (collected within the PIT Summer School 2011); Valdieri: Deserteto, grassland, 1088-1885 m, 14.IX.2011, 1 ♀, 1 ♂ (MRSN).

LITERATURE. — Lambiase et al. (2007); Paschetta et al. (2013).

CHOROTYPE. — ASE.

MACROHABITAT. — Alpine grasslands, Alpine pastures, broadleaved woods, shrublands.

**Family Oxypidae** Thorell, 1870

**Oxypus lineatus** Latreille, 1806

NEW DATA. — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1 ♂ (collected within the PIT Summer School 2012); Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with juniperus phoenicea, 1000-1500 m, 5.X.2011, 1 ♀, leg. F. La Pietra & L. Picciau; same locality, 29.VI.2011, 1 ♂.

CHOROTYPE. — TUE.

MACROHABITAT. — Shrublands.

NOTES. — New record for the study area.

**Family Zoridae** F. O. Pickard-Cambridge, 1893

**Zora nemoralis** (Blackwall, 1861)


CHOROTYPE. — PAL.

MACROHABITAT. — Broadleaved woods, riparian habitats.

NOTES. — New record for the study area.

**Zara pardalis** Simon, 1878

NEW DATA. — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1 ♂.

CHOROTYPE. — TUE.

MACROHABITAT. — Alpine prairies.

NOTES. — New record for Piemonte.

**Zora spinimana** (Sundevall, 1833)

NEW DATA. — Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 1 ♀; Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1 ♂ (collected within the PIT Summer School 2012); Torrente Bousset, Trinità di Entracque, stream bank, among gravels, 1000-1200 m, 9.VIII.2007, 1 ♂, leg. K. Wolf-Schwenninger & H. Schwenninger.

CHOROTYPE. — PAL.

MACROHABITAT. — Shrublands, riparian habitats.

NOTES. — New record for the study area.

**Family Agelenidae** C. L. Koch, 1837

**Aterigena ligurica** (Simon, 1916)

NEW DATA. — Valdieri: Terme di Valdieri, road from the parking to Cappella di S. Giovanni, rocky slope, 1368 m, 30.VI.2009, 1 ♂ (MRSN); Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 2 ♂, 1♀; same locality, 1500 m, 9.IX.2011, 5 ♂, 2 ♀ (MRSN); same locality, 11.VIII.2011, 1 ♀ (MRSN); same locality, 13.X.2011, 3 ♀ (MRSN); same locality, 9.IX.2011, 2 ♀ (MRSN); same locality, 11.VIII.2011, 1 ♀ (MRSN); same locality, 13.X.2011, 1 ♀ (MRSN).

LITERATURE. — Lambiase et al. (2007).

CHOROTYPE. — ALAP.

MACROHABITAT. — Broadleaved woods, rocky lands.

**Coelotes osellai** De Blauwe, 1973 (Fig. 15)

NEW DATA. — Valdieri: Pian del Valsaco, Alpine pasture with rocks, 1764 m, 11.VII-27.VIII.2009 (pitfall traps), 11 ♂, 2 ♀; same locality, 27.VIII-23.IX.2009 (pitfall traps), 4 ♂, 1♀; Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 13 ♂, 1♀ (MRSN); same locality, 11.VIII.2011, 7 ♀ (MRSN); same locality, 1500 m, 9.IX.2011, 43 ♂, 7 ♀ (MRSN); same locality, 1500 m, 11.VIII.2011, 18 ♂, 1 ♀ (MRSN); same locality, 13.X.2011, 1 ♂, 2 ♀ (MRSN); same locality, 13.X.2011, 1 ♀ (MRSN).
9.IX.2011, 70♂, 3♀ (MRSN); same locality, 1550 m, 11.VIII.2011, 23♂, 1♀ (MRSN); same locality, 13.X.2011, 1♀ (MRSN); same locality, 1600 m, 9.IX.2011, 51♂, 4♀ (MRSN); same locality, 11.VIII.2011, 17♂ (MRSN); same locality, 13.X.2011, 16♂, 2♀ (MRSN); same locality, 29.VI.2007, 9♂; Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 20♂; leg. B. Rizzioli

**Literature.** — De Blauwe (1973); Lambiase et al. (2007).
**Chorotype.** — ALAP.
**Macrohabitat.** — Alpine prairies, broadleaved woods.

**Coelotes pabulator** Simon, 1875

**Literature.** — De Blauwe (1973); Isaia et al. (2007).
**Chorotype.** — ALPS.
**Macrohabitat.** — Alpine prairies, rocky lands.

**Coelotes pickardi pastor** Simon, 1875

**Literature.** — Calloni (1889); Isaia et al. (2007).
**Chorotype.** — ALPS.
**Macrohabitat.** — Rocky lands.

**Coelotes poweri** Simon, 1875

**New data.** — Vernante: Palanfrè, Gias del Chiot, beech forest, 1550 m, 10.IX.2008, 1♀; same locality, 22.VI-19.VII.2009, 1♂.

**Literature.** — Isaia et al. (2007); Paschetta et al. (2013).
**Chorotype.** — ALSW.
**Macrohabitat.** — Alpine pastures, broadleaved woods.

**Histopona leonardoi** Bolzern, Pantini & Isaia, 2013

**New data.** — Aisone: Grange Pinet, beech forest, 1478 m, 11.IX.2011, 1♀; Entracque: Entracque, 894 m, 4.X.2013 – 2.XI.2013 (pitfall traps), 3♂, 3♀; leg. L. Latella & A. Latella; Valdieri: pathway to Pian del Valasco, beech forest, 1500-2000 m, 30.VI.2009, 1♂ (MRSN); southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 3♂; Vallone della Meris, deciduous forest with Fraxinus and Acer, 1200-1800 m, 1.VIII.2011, 1♀; Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 43♂, 2♀ (MRSN); same locality, 11.VIII.2011, 18♂, 1♀ (MRSN); same locality, 13.X.2011, 3♂, 4♀ (MRSN); same locality, 1500 m, 9.IX.2011, 38♂, 4♀ (MRSN); same locality, 11.VIII.2011, 24♂ (MRSN); same locality, 13.X.2011, 14♂, 1♀ (MRSN); same locality, 1550 m, 9.IX.2011, 67♂ (MRSN); same locality, 11.VIII.2011, 59♂, 2♀ (MRSN);
Isaia M. et al.

same locality, 13.X.2011, 8♂, 2♀ (MRSN); same locality, 1600 m, 9.IX.2011, 8♂, 1♀ (MRSN); same locality, 11.VIII.2011, 15♂ (MRSN); same locality, 13.X.2011, 17♂, 1♀ (MRSN).

**LITERATURE.** — Lambiase *et al.* (2007); Bolzern *et al.* (2013).

**CHOROTYPE.** — AWNA.

**MACROHABITAT.** — Alpine pastures, Alpine prairies, broadleaved woods, riparian habitats.

**Histopona torpida** (C. L. Koch, 1837)

**LITERATURE.** — Calloni (1889).

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — not specified.

**Tegenaria agrestis** (Walckenaer, 1802)

**NEW DATA.** — Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 3♂, 2♀, leg. B. Rizzioli; Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010, 1♂.

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Alpine pastures.

**NOTES.** — New record for the study area.

**Tegenaria fuesslini** Pavesi, 1873

**NEW DATA.** — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 18.VI.2009, 2♂; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂; Vallone della Meris, deciduous forest with *Fraxinus and Acer*, 1200-1800 m, 1.VIII.2011, 1♂; Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 1♂ (MRSN); same locality, 1500 m, 9.IX.2011, 1♀ (MRSN); same locality, 11.VIII.2011, 1♀ (MRSN); same locality, 13.X.2011, 2♂, 1♀ (MRSN); Palanfrè, Gias del Chiot, beech forest, 1550 m, 22.VI.2009, 2♂ (beating tray); same locality, 29.VI.2007, 1♂, leg. K. Wolf-Schwenninger & H. Schwenninger; Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1♂.

**LITERATURE.** — Brignoli (1975, 1977, 1985); Arnò & Lana (2005); Isaia *et al.* (2011); Paschetta *et al.* (2013).

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Alpine grasslands, Alpine pastures, Alpine prairies, broadleaved woods, caves.

**Tegenaria silvestris** (L. Koch, 1872)

**NEW DATA.** — Entracque: Gias degli Isterpis, Vallone Gesso della Barra, Alpine prairies with rocky debris, 1368 m, 23.V.2010, 1♀; Valdieri: nearby Rifugio Livio Bianco, Alpine prairies with rocky debris, 1900 m, 30.X.2011, 1♂; Vernante: Palanfrè, beech forest, 1450 m, 9.IX.2011, 1♂ (MRSN); same locality, 1500 m, 9.IX.2011, 1♀ (MRSN); same locality, 11.VIII.2011, 1♀ (MRSN); same locality, 13.X.2011, 2♂ (MRSN); Palanfrè, Gias del Chiot, beech forest, 1550 m, 22.VI.2009, 2♂ (beating tray); same locality, 29.VI.2007, 1♂, leg. K. Wolf-Schwenninger & H. Schwenninger; Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 2♂.


**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Alpine grasslands, shrublands, riparian habitats, not specified.

**Tegna**

**Family Cybaeidae**

**Cybaeus intermedius** Maurer, 1992


**CHOROTYPE.** — ALAP.

**MACROHABITAT.** — Broadleaved woods.

**Cybaeus vignai** Brignoli, 1977

**LITERATURE.** — Isaia & Chiarle (2015).

**CHOROTYPE.** — ALSW.

**MACROHABITAT.** — Broadleaved woods, riparian habitats.
Family HAHNILDAE Bertkau, 1878

Antistea elegans (Blackwall, 1841)


Chorotype. — PAL.

Macrohabitat. — Riparian habitats, not specified.

Notes. — New record for the study area.

Cryptoea silvicola (C. L. Koch, 1834)

New data. — Vernante: Palanfrè, Gias del Chiot, beech forest, 1550 m, 2.VII.2010, 1♀.

Chorotype. — PAL.

Macrohabitat. — Broadleaved woods.

Notes. — New record for the study area.

Family DICTYNIDAE O. P.-Cambridge, 1871

Argenna patula (Simon, 1874)

New data. — Entracque: Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011).

Chorotype. — PAL.

Macrohabitat. — Alpine grasslands.

Notes. — New record for the study area.

Cicurina cicur (Fabricius, 1793)


Chorotype. — PAL.

Macrohabitat. — caves.

Dictyna arundinacea (Linnaeus, 1758)

New data. — Entracque: Tetti Violin, hazelnut, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011).

Chorotype. — OLA.
Macrohabitat. — Shrublands.

Notes. — New record for the study area.

**Dictyna latens** (Fabricius, 1775)

New data. — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 29.VI.2011, 1♂, 2♀.

Chorotype. — SIE.

Macrohabitat. — Shrublands.

Notes. — New record for the study area.

**Mastigusa arietina** (Thorell, 1871)

New data. — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♀.

Chorotype. — PAL.

Macrohabitat. — Alpine prairies.

Notes. — New record for Piemonte.

Family **Amaurobiidae** Thorell, 1870

**Amaurobius fenestralis** (Ström, 1768)

New data. — Entracque: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♂; Valdieri: Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♀; Vernante: Palanfrê, beech forest, 1450 m, 9.IX.2011, 1♂ (MRSN); same locality, 1500 m, 9.IX.2011, 5♂ (MRSN); same locality, 1550 m, 9.IX.2011, 1♂ (MRSN); same locality, 1600 m, 13.X.2011, 6♂ (MRSN); same locality, 1764 m, 27.VIII-23.IX.2009 (pitfall traps), 1♀. 

Literature. — Paschetta et al. (2013).

Chorotype. — EUR.

Macrohabitat. — Alpine pastures, broadleaved woods, riparian habitats.

**Amaurobius jugorum** L. Koch, 1868

New data. — Valdieri: Desertetto, grassland, 1088-1885 m, 14.IX.2011, 1♀ (MRSN); pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 27.VIII-23.IX.2009 (pitfall traps), 1♂, 1♀; same locality, 29.VI.2009, 1♀; pathway to Pian del Valasco, beech forest, 1500-2000 m, 30.VI.2009, 1♀ (MRSN); Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII-23.IX.2009 (pitfall traps), 1♀, 6♂; Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♀; same locality, 29.IV.2009, 2♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂; Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 1♂, 2♀; Vernante: Palanfrê, beech forest, 1450 m, 9.IX.2011, 4♂ (MRSN); same locality, 1500 m, 9.IX.2011, 5♂ (MRSN); same locality, 1550 m, 9.IX.2011, 1♂ (MRSN); same locality, 1600 m, 13.X.2011, 6♂ (MRSN); same locality, 1550 m, 10.IX.2008, 1♂, 1♀; Palanfrê, Gias del Chiot, beech forest, 1550 m, 22.VI-19.VII.2009 (pitfall traps), 1♀.

Literature. — Pesarini (1991); Arnò & Lana (2005); Paschetta et al. (2013).

Chorotype. — ALAP.

Macrohabitat. — Alpine grasslands, Alpine pastures, Alpine prairies, broadleaved woods, shrublands, caves, larch woods, riparian habitats.

**Titanoeca quadriguttata** (Hahn, 1833)

New data. — Valdieri: Vallone della Meris, Gias Prato, Alpine prairies with rocky debris, 1600 m, 27.VI.2011, 2♂.

Chorotype. — PAL.

Macrohabitat. — Alpine pastures.

Notes. — New record for the study area.

Family **Miturgidae** Simon, 1885

**Cheiracanthium elegans** Thorell, 1875

New data. — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011).

Chorotype. — ASE.

Macrohabitat. — Shrublands.

Notes. — New record for the study area.

**Cheiracanthium erraticum** (Walckenaer, 1802)

New data. — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 9.VI.2011, 1♀ (collected within the PIT Summer School 2011).

Chorotype. — PAL.

Macrohabitat. — Shrublands.

Notes. — New record for the study area.
Family ANYPHAENIDAE Bertkau, 1878

Anyphaena accentuata (Walckenaer, 1802)

New data. — Aisone: Vallone della Valletta, Pinet, sparse larch wood, 1200-1500 m, 27.X.2010, 3♂; Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 1♂; Tetti Violin, banks of a small stream with bushes, 900-1100 m, 10.VI.2011, 1♂, 1♀ (collected within the PIT Summer School 2011); Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 2♀.

Chorotype. — TUE.

Macrohabitat. — Shrublands, larch woods, riparian habitats.

Notes. — New record for the study area.

Family LIOCRANIDAE Simon, 1897

Agroeca cuprea Menge, 1873

New data. — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, forest edge with scattered rocks, 1000-1500 m, 22.IX.2009, 1♀ (MRSN); southern slope of Monte Bour el, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♀; Vernante: Palanfrè, beech forest, 1500 m, 13.X.2011, 1♂ (MRSN); Palanfrè, beech forest, 1600 m, 13.X.2011, 1♂.

Chorotype. — ASE.

Macrohabitat. — Alpine prairies, broadleaved woods, shrublands.

Notes. — New record for the study area.

Agroeca proxima (O. P.-Cambridge, 1870)

Literature. — Paschetta et al. (2013).

Chorotype. — SIE.

Macrohabitat. — Alpine pastures.

Apostenus fuscus Westring, 1851

New data. — Aisone: Vallone della Valletta, Pinet, sparse larch wood, 1200-1500 m, 27.X.2010, 1♂.

Chorotype. — EUR.

Macrohabitat. — Larch woods.

Notes. — New record for Piemonte.

Liocranum rupicola (Walckenaer, 1830)

New data. — Entracque: Gorge della Reina, sparse wood with bushes and rock-debris, 900-1200 m, 22.V.2010, 3♀; Tetti Violin, banks of a small stream with bushes, 900-1100 m, 10.VI.2011, 1♂, 1♀; Vernante: Palanfrè, beech forest, 1500 m, 13.X.2011, 1♀.

Chorotype. — EUR.

Macrohabitat. — Shrublands, caves.


Family CLUBIONIDAE Wagner, 1887

Clubiona caerulescens L. Koch, 1867

New data. — Entracque: Gorge della Reina, sparse wood with bushes and rock-debris, 900-1200 m, 22.V.2010, 3♀.

Chorotype. — PAL.

Macrohabitat. — Shrublands.

Notes. — New record for Piemonte.

Clubiona comta C. L. Koch, 1839

New data. — Valdieri: Vallone della Meris, Gias Prato, Alpine prairies with rocky debris, 1600 m, 27.VI.2011, 1♀.

Chorotype. — PAL.

Macrohabitat. — Alpine pastures.

Notes. — New record for the study area.

Clubiona frutetorum L. Koch, 1867

New data. — Valdieri: Vallone della Meris, Gias Prato, Alpine prairies with rocky debris, 1600 m, 27.VI.2011, 1♀.

Chorotype. — PAL.

Macrohabitat. — Alpine pastures.

Notes. — New record for the study area.

Clubiona neglecta O. P.-Cambridge 1862

New data. — Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII.2009, 1♀.

Chorotype. — PAL.

Macrohabitat. — Alpine pastures.

Notes. — New record for the study area.

Clubiona pallidula (Clerck, 1757)

New data. — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011); Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 29.VI.2009, 1♀; Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 29.VI.2011, 1♀ (MRSN); Vernante: Palanfrè, beech forest, 1500 m, 13.X.2011, 1♀.

Chorotype. — OLA.

Macrohabitat. — Broadleaved woods, shrublands, riparian habitats.

Notes. — New record for the study area.
**Clubiona terrestris** Westrign, 1851

**NEW DATA.** — Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 11-12.VII.2009 (pitfall traps), 3♀.

**LITERATURE.** — Arnò & Lana (2005).

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Alpine prairies, caves.

Family **Corinnidae** Karsh, 1880

**Phrurolithus festivus** (C. L. Koch, 1835)

**NEW DATA.** — Entraque: Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♂; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11.VII.-27.VIII.2009 (pitfall traps), 1♂; same locality, 29.VI.2009, 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♂; Vernante: Palanfrè, beech forest, 1450 m, 11.VIII.2011, 3♀ (MRSN); Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 20♂, 18♀, leg. B. Rizzioli; Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1♂.

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine pastures, Alpine prairies, broadleaved woods, shrublands, riparian habitats.

**NOTES.** — New record for the study area.

**Phrurolithus minimus** C. L. Koch, 1839

**NEW DATA.** — Entraque: Tetti Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011); Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 29.VI.2009, 1♂; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂.

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Alpine pastures, Alpine prairies, broadleaved woods, shrublands, riparian habitats.

**NOTES.** — New record for the study area.

Family **Zodariidae** Thorell, 1881

**Zodarion italicum** (Canestrini, 1868)

**NEW DATA.** — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 18.VI.-23.VI.2009 (pitfall traps), 1♀.

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for the study area.

**Zodarion rubidum** Simon, 1914

**NEW DATA.** — Entraque: Trinità di Entraque, beech forest, 1000-1200 m, 25.V.2011, 1♂.

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Broadleaved woods.

**NOTES.** — New record for the study area.

Family **Gnaphosidae** Pocock, 1898

**Callilepis nocturna** (Linnaeus, 1758)

**NEW DATA.** — Valdieri: pathway to Pian del Valasco, Alpine scree, 1300-1764 m, 29.VI.2009, 1♂ (MRSN); pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 29.VI.2009, 1♂; Pian del Valasco, Alpine pasture with rocks, 1764 m, 11-12.VII.2009 (pitfall traps), 2♂, 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂.

**LITERATURE.** — Paschetta et al. (2013).

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine pastures, Alpine prairies, riparian habitats, rocky lands.

**Drassodes cupreus** (Blackwall, 1834)

**NEW DATA.** — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, forest edge with scattered rocks, 1000-1500 m, 22.IX.2009, 1♀ (MRSN). Vernante: surroundings of Gias Vilazzo, Vallone degli Alberghi, Alpine prairies with rocky debris, 1850 m, 26.VII.2011, 2♀ (MRSN).

**LITERATURE.** — Paschetta et al. (2013).

**CHOROTYPE.** — SIE.

**MACROHABITAT.** — Alpine pastures, Alpine prairies, shrublands.

**Drassodes lapidosus** (Walckenaer, 1802)

**NEW DATA.** — Entraque: Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 1♀; Limone Piemonte: Bec Baral, Alpine prairies with rocky debris, 2130 m, 23.V.1999, 1♀; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 29.VII.2009, 1♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 11-12.VII.2009 (pitfall traps), 1♂, 1♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 11.VII.-27.VIII.2009 (pitfall traps), 2♀; Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 18-23.VI.2009, 1♂; Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1300 m, 1.VIII.2011, 1♀; Vernante: Monte Chamousier, Vallone degli Alberghi, high Alpine prairies with scattered rocks, 2478 m, 1.VII.2010, 1♀; Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 4♂, leg. B. Rizzioli; Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII.-30.VIII.2010 (pitfall traps), 1♂; Vallone degli Alberghi, Gias Piamian, stream gravel, 1470 m, 1.VII.2010, 1♀.

**LITERATURE.** — Calloni (1889).
**Chorotype. — PAL.**

**Macrohabitat. —** Alpine grasslands, Alpine pastures, Alpine prairies, shrublands, riparian habitats, rocky lands.

*Drassodes pubescens* (Thorell, 1856)

**New data.** — Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 2♂, 1♀, leg. B. Rizzioli.

**Literature.** — Isaia *et al.* (2007); Paschetta *et al.* (2013).

**Chorotype. —** PAL.

**Macrohabitat. —** Alpine pastures, rocky lands.

**Notes.** — New record for Italy.

*Drassodes thaleri* Hervé & Rollard, 2009

(Fig. 16)

**New data.** — Valdieri: along the path to Monte Matto, Alpine scree, 2500-3088 m, 27.VI.2011, 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♀; surroundings of Lago Inferiore di Valscura, Alpine scree, 2300 m, 8.VII.2011, 1♂.

**Chorotype. —** ALSW.

**Macrohabitat. —** Alpine prairies, rocky lands.

**Notes.** — New record for the study area.

*Drassodex hypocrita* (Simon, 1878)

**New data.** — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♀.

**Literature.** — Paschetta *et al.* (2013).

**Chorotype. —** EUR.

**Macrohabitat. —** Alpine prairies, shrublands.

**Notes.** — New record for Italy.

*Drassodex simoni* Hervé, Roberts & Murphy, 2009

**New data.** — Entracque: Vallone del Sabbione, pathway to Colle del Sabbione, on rocky slopes, 2000 m, 25.VII.2009, 1♂ (MRSN), leg. F. La Pietra & S. Birindelli; Valdieri: along the path to Monte Matto, Alpine scree, 2500-3088 m, 27.VI.2011, 2♀.

**Chorotype. —** ALPW.

**Macrohabitat. —** Rocky lands.

**Notes.** — New record for Italy.

*Drassodex validior* (Simon, 1914)

**New data.** — Vernante: Palanfrè, beech forest, 1500 m, 13.X.2011, 1♂.

**Literature.** — Calloni (1889).

**Chorotype. —** SIE.

**Macrohabitat. —** Alpine pastures, Alpine prairies, rocky lands.

**Notes.** — New record for the study area.

*Drassyllus praeficus* (L. Koch, 1866)

**New data.** — Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 10♂, 10♀, leg. B. Rizzioli; Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 2♂; Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♀.

**Chorotype. —** SIE.

**Macrohabitat. —** Alpine pastures.

**Notes.** — New record for the study area.

*Drassyllus pusillus* (C. L. Koch, 1833)

**New data.** — Valdieri: along the path to Monte Matto, Alpine scree, 2500-3088 m, 27.VI.2011, 1♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 11.VII-27.VIII.2009 (pitfall traps), 26♀; same locality, 27.VIII-23.IX.2009 (pitfall traps), 2♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♀; Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 10♂, 10♀, leg. B. Rizzioli; Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 3♀.

**Literature.** — Paschetta *et al.* (2013).

**Chorotype. —** PAL.

**Macrohabitat. —** Alpine pastures, Alpine prairies, rocky lands.

**Notes.** — New record for the study area.

*Drassyllus villicus* (Thorell, 1875)

**New data.** — Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 29.VI.2009, 1♀.

**Chorotype. —** EUR.

**Macrohabitat. —** Alpine prairies.

**Notes.** — New record for the study area.

**Echemus angustifrons** (Westring, 1861)


**Chorotype. —** SIE.

**Macrohabitat. —** Riparian habitats.

**Notes.** — New record for the study area.


**Gnaphosa badia** (L. Koch, 1866)

New data. — Valdieri: nearby Rifugio Livio Bianco, peatbog, 1900 m, 27.VI.2011, 1♂; Pian del Valsaco, Alpine pasture with rocks, 1764 m, 29.VI.2009, 1♀; Rifugio Questa – Lago delle Portette, Alpine scree, 2300 m, 11-12.VII.2009 (pitfall traps), 1♀.

Literature. — Isaia et al. (2007).

Chorotype. — SIE.

Macrohabitat. — Alpine prairies, rocky lands, wetlands.

**Gnaphosa lugubris** (C. L. Koch, 1839)

New data. — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♀.

Literature. — Paschetta et al. (2013)

Chorotype. — SIE.

Macrohabitat. — Alpine pastures, Alpine prairies.

**Haplodrassus signifer** (C. L. Koch, 1839)

New data. — Valdieri: Lago Sottano della Sella, Alpine grassland, close to lake shore, 1882 m, 17.VIII.2010, 1♂; Rifugio Questa-Lago delle Portette, Alpine scree, 2300 m, 11-12.VII.2009, 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂; Vernante: Palianfré, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 5♂, 5♀, leg. B. Rizzioli

Literature. — Calloni (1889); Paschetta et al. (2013).

Chorotype. — PAL.

Macrohabitat. — Alpine prairies, Alpine pastures.

Notes. — New record for Piemonte.

**Micaria fulgens** (Walckenaer, 1802)

New data. — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♀; Vernante: Palianfré, beech forest, 1600 m, 3-7.VII.2011, 2♀ (MRSN).

Literature. — Paschetta et al. (2013).

Chorotype. — SIE.

Macrohabitat. — Alpine pastures, Alpine prairies, broadleaved woods.

**Micaria pulicaria** (Sundevall, 1831)

New data. — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂; Vernante: Palianfré, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♂.

Literature. — Paschetta et al. (2013).

Chorotype. — EUR.

Macrohabitat. — Alpine pastures, Alpine prairies, shrublands.

**Micaria rosseca** Thorell, 1875

New data. — Valdieri: Pian del Valsaco, Alpine pasture with rocks, 1764 m, 11.VII-27.VII.2009 (pitfall traps), 3♂, 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 3♀.

Chorotype. — PAL.

Macrohabitat. — Alpine prairies, Alpine pastures.

Notes. — New record for Piemonte.

**Scotophaeus scutulatus** (L. Koch, 1866)

New data. — Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 1♀.

Chorotype. — SIE.

Macrohabitat. — Alpine prairies.

Notes. — New record for the study area.

**Zelotes aeneus** (Simon, 1878)

New data. — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 22.IX.2009, 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♂; Vernante: Palianfré, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♂.

Literature. — Paschetta et al. (2013).

Chorotype. — EUR.

Macrohabitat. — Alpine pastures, Alpine prairies, shrublands.

**Zelotes apricorum** (L. Koch, 1876)

Literature. — Paschetta et al. (2013).

Chorotype. — SIE.

Macrohabitat. — Alpine pastures.

**Zelotes aeneus** (Simon, 1878)

New data. — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 22.IX.2009, 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♂; Vernante: Palianfré, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♂.

Literature. — Paschetta et al. (2013).

Chorotype. — EUR.

Macrohabitat. — Alpine pastures, Alpine prairies, shrublands.


**Zelotes devotus** Grimm, 1982

**Literature.** — Isaia *et al.* (2007).

**Chorotype.** — ALPS.

**Macrohabitat.** — Rocky lands.

**Zelotes electus** (C. L. Koch, 1839)

**New data.** — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011, 1♂; Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 1♀, leg. B. Rizzioli.

**Chorotype.** — SIE.

**Macrohabitat.** — Alpine pastures, Alpine prairies.

**Notes.** — New record for the study area.

**Zelotes gallicus** Simon, 1914

**New data.** — Entracque: Torrente Bousset, Trinità di Entracque, stream bank with Petasites in deciduous forest (Fraxinus), 1000-1200 m, 28.VI-9.VIII.2007 (pitfall traps), 1♂, leg. K. Wolf-Schwenninger & H. Schwenninger; Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11.VII-27.VIII.2009 (pitfall traps), 3♂; same locality, 29.VI.2009, 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♂; Vernante: Palanfrè, beech forest, 1500 m, 13.X.2011, 1♂ (MRSN).

**Chorotype.** — EUR.

**Macrohabitat.** — Alpine prairies, broadleaved woods, riparian habitats.

**Notes.** — New record for the study area.

**Zelotes latreillei** (Simon, 1878)

**New data.** — Entracque: Trinità di Entracque, Vallone Bousset, beech forest, 1000-1200 m, 15.VI.2009, 1♀ (beating tray); Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♂; Vernante: Palanfrè, beech forest, 1500 m, 9.IX.2011, 1♂ (MRSN); same locality, 11.VIII.2011, 1♂ (MRSN); same locality, 1550 m, 9.IX.2011, 1♂, 1♀ (MRSN); Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 20♂, 2♀, leg. B. Rizzioli; same locality, 30.VII-30.VIII.2010 (pitfall traps), 2♂.

**Chorotype.** — SIE.

**Macrohabitat.** — Alpine pastures, broadleaved woods.

**Notes.** — New record for the study area.
**Zelotes oblongus** (C. L. Koch, 1833)

NEW DATA. — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♂; same locality, 29.IV.2009, 1♂.

CHOROTYPE. — SEU.

MACROHABITAT. — Shrublands.

NOTES. — New record for the study area.

**Zelotes petrensis** (C. L. Koch, 1839)

NEW DATA. — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 1♀ (collected within the PIT Summer School 2012); Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 11.VII-27.VIII.2009 (pitfall traps), 1♂; Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 22.IX.2009, 1♂ (MRSN); same locality, 22.IX.2009, 1♂ (MRSN); Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 1♂, 2♀; leg. B. Rizzioli; Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 2♂.

LITERATURE. — Paschetta et al. (2013).

CHOROTYPE. — SIE.

MACROHABITAT. — Alpine pastures, Alpine prairies, shrublands.

**Zelotes similis** (Kulczynski, 1887)

NEW DATA. — Valdieri: nearby Lago Sopranotto della Sella, Alpine prairies with rocky debris, 2300 m, 1.VIII.2011, 1♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 11.VII-27.VIII.2009 (pitfall traps), 3♂, 5♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII-23.IX.2009 (pitfall traps), 2♂, 1♀; Rifugio Questa-Lago delle Portette, Alpine scree, 2300 m, 11-12.VII.2009 (pitfall traps), 1♂; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 4♂; Vernante: Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♂; Vallone degli Alberghi, sparse wood, grassland and rocky debris, 1400-2000 m, 5.VI.2010, 1♀.

LITERATURE. — Paschetta et al. (2013).

CHOROTYPE. — SEU.

MACROHABITAT. — Alpine pastures, Alpine prairies, rocky lands.

**Zelotes subterraneus** (C. L. Koch, 1833)

NEW DATA. — Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 29.VI.2009, 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♂; Vernante: Palanfrè, beech forest, 1450 m, 11.VIII.2011, 1♂ (MRSN); Palanfrè, beech forest, 1600 m, 11.VIII.2011, 2♂ (MRSN); surroundings of Gias Vilazzo, Vallone degli Alberghi, Alpine prairies with rocky debris, 1850 m, 26.VII.2011, 1♀ (MRSN).

CHOROTYPE. — PAL.

MACROHABITAT. — Alpine prairies, broadleaved woods.

NOTES. — New record for the study area.

**Zelotes talpinus** (L. Koch, 1872)

NEW DATA. — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 2♂; Vernante: Palanfrè, Pascariund, Alpine pastures, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 4♂.

LITERATURE. — Paschetta et al. (2013).

CHOROTYPE. — SIE.

MACROHABITAT. — Alpine prairies.

**Philodromus aureolus** (Clerck, 1870)

**Philodromus cespitum** (Walckenaer, 1802)

**Philodromus emarginatus** (Schrank, 1803)

**Philodromus praedatus** O. P.-Cambridge, 1871
*Philodromus rufus* Walckenaer, 1826

**New data.** — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 19.VI.2011, 1♀; same locality, 29.VI.2011, 1♀ (MRSN).

**Chorotype.** — OLA.

**Macrohabitats.** — Shrublands.

**Notes.** — New record for the study area.

*Thanatus formicinus* (Clerck, 1757)

**New data.** — Valdieri: Desertetto, grassland, 1088-1885 m, 14.IX.2011, 1♀ (MRSN); Vernante: Monte Chamoussier, Vallone degli Alberghi, high Alpine prairies with scattered rocks, 2478 m, 1.VII.2010, 1♂; Palanfrè, beech forest, 1500 m, 13.X.2011, 1♂.

**Chorotype.** — EUR.

**Macrohabitats.** — Alpine grasslands, broadleaved woods, rocky lands.

**Notes.** — New record for the study area.

*Thanatus striatus* C. L. Koch, 1845

**New data.** — Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 29.VI.2009, 1♂; Vernante: Vallone degli Alberghi, Gias Piam, stream gravel, 1470 m, 1.VII.2010, 1♂.

**Chorotype.** — OLA.

**Macrohabitats.** — Alpine prairies, riparian habitats.

**Notes.** — New record for Piemonte.

**Family THOMISIDAE Sundevald, 1833**

*Cozyptila blackwalli* (Simon, 1875)

**New data.** — Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 1♂; Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 18-23.VI.2009 (pitfall traps), 1♂.

**Chorotype.** — SIE.

**Macrohabitats.** — Shrublands.

**Notes.** — New record for the study area.

*Diaea dorsata* (Fabricius, 1777)

**New data.** — Valdieri: pathway to Pian del Valasco, Alpine pasture, 1300-1764 m, 7.VII.2011, 1♂ (MRSN).

**Chorotype.** — SIE.

**Macrohabitats.** — Alpine prairies.

**Notes.** — New record for the study area.

*Heriaeus hirtus* (Latreille, 1819)

**New data.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011); Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 5.X.2011, 1♀ (MRSN), leg. E. La Pietra & L. Picciau; same locality, 18.VI.2009, 1♂; same locality, 29.VI.2011, 3♂ (MRSN).

**Chorotype.** — EEA.

**Macrohabitats.** — Shrublands.

**Notes.** — New record for the study area.

*Misumena vatia* (Clerck, 1757)

**New data.** — Entracque: Gorge della Reina, shrubland with *Juniperus phoenicea*, 900-1200 m, 16.IX.2011, 2♀, 1♂ (MRSN); same locality, 22.V.2010, 1♂.

**Chorotype.** — OLA.

**Macrohabitats.** — Alpine grasslands, broadleaved woods, rocky lands.

**Notes.** — New record for the study area.

*Ozyptila atomaria* (Panzer, 1801)

**Literature.** — Paschetta et al. (2013)

**Chorotype.** — PAL.

**Macrohabitats.** — Alpine pastures.

*Ozyptila trux* (Blackwall, 1846)

**New data.** — Entracque: Torrente Bousset, Trinità di Entracque, stream bank, among gravels, 1000-1200 m, 29.VI.2007, 2♀, 1♂; Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII-23.IX.2009 (pitfall traps), 2♂, 1♀; Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII-23.IX.2009 (pitfall traps), 2♂.

**Chorotype.** — PAL.

**Macrohabitats.** — Alpine prairies, riparian habitats.

**Notes.** — New record for the study area.

*Synaema globosum* (Fabricius, 1775)

**New data.** — Entracque: Gorge della Reina, shrubland with *Juniperus phoenicea*, 900-1200 m, 16.IX.2011, 1♀; same locality, 29.VI.2011, 1♂ (MRSN).

**Chorotype.** — PAL.

**Macrohabitats.** — Alpine grasslands, shrublands.

**Notes.** — New record for the study area.
**Xysticus audax** (Schrank, 1803)

**NEW DATA.** — Entracque: Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011); Valdieri: near Rifugio Livio Bianco, lake shore, among mosses, 1900 m, 27.VI.2011, 2♂; Pian del Valasco, Alpine pasture with rocks, 1764 m, 11-12.VII.2009 (pitfall traps), 1♀; Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1300 m, 1.VIII.2011, 1♂; pathway to Rifugio Questa, Alpine prairies with rocky debris, 1200-2300 m, 7.VII.2011, 1♀; Vernante: Monte Chamoussier, Vallone degli Alberghi, high Alpine prairies with scattered rocks, 2478 m, 1.VII.2010, 1♂.

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Alpine grasslands, Alpine prairies, rocky lands, wetlands.

**NOTES.** — New record for the study area.

**Xysticus cristatus** (Clerck, 1757)

**NEW DATA.** — Entracque: Vallone del Sabbione, pathway to Colle del Sabbione, on rocky slopes, 2000 m, 25.VII.2009, 1♀, leg. S. Birindelli & F. La Pietra; Valdieri: pathway to Pian del Valasco, beech forest, 1500-2000 m, 19.V.2011, 1♀.

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — Broadleaved woods, rocky lands.

**NOTES.** — New record for the study area.

**Xysticus desidiosus** Simon, 1875

**NEW DATA.** — Valdieri: near Lago Soprano della Sella, Alpine prairies with rocky debris, 2300 m, 1.VIII.2011, 1♀; Pian della Casa, Alpine grassland with peatbogs, 1760 m, 29.VI-9.VII.2009 (pitfall traps), 1♂, leg. K. Wolf-Schwenninger & H. Schwenninger; Rifugio Questa-Lago delle Portette, Alpine scree, 2300 m, 11-12.VII.2009 (pitfall traps), 1♀; southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂; Vernante: Palanfrè, Pascariund, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♀.

**LITERATURE.** — Paschetta et al. (2013).

**CHOROTYPE.** — SIE.

**MACROHABITAT.** — Alpine pastures, Alpine prairies, broadleaved woods, shrublands.

**Xysticus erraticus** (Blackwall, 1834)

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011); Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 18-23.VI.2009 (pitfall traps), 1♀; Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 2♂, 5♀, leg. B. Rizzioli.

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Alpine pastures, broadleaved woods, shrublands.

**LITERATURE.** — Lambiase et al. (2007).

**Xysticus gallicus** Simon, 1875

**NEW DATA.** — Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 1♂; Valdieri: Vallone della Meris, Alpine prairies with rocky debris, 1200-1800 m, 26.V.2011, 1♀; Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 1♀, leg. B. Rizzioli; Palanfrè, Pianard, Garbella, sparse wood, grassland, 1600 m, 30.VI.2010, 1♀.

**LITERATURE.** — Pesarini (2000); Lambiase et al. (2007); Paschetta et al. (2013).

**CHOROTYPE.** — SIE.

**MACROHABITAT.** — Alpine grasslands, Alpine prairies, Alpine pastures, Alpine grasslands, Alpine prairies, broadleaved woods, shrublands.

**Xysticus ibex** Simon, 1875

**CHOROTYPE.** — CEU.

**LITERATURE.** — Lambiase et al. (2007).

**MACROHABITAT.** — Alpine prairies.

**Xysticus kochi** Thorell, 1872

**NEW DATA.** — Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 11-12.VII.2009 (pitfall traps), 1♂; Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 5.X.2011, 1♀ (MRSN), leg. La Pietra F & L. Picciau

**LITERATURE.** — Lambiase et al. (2007).

**CHOROTYPE.** — SIE.

**MACROHABITAT.** — Alpine prairies, broadleaved woods, shrublands.

**Xysticus lanio** C. L. Koch, 1835

**NEW DATA.** — Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 2♂, 2♀; Vernante: Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1♀.

**CHOROTYPE.** — SIE.

**MACROHABITAT.** — Alpine pastures, Alpine grasslands.

**NOTES.** — New record for the study area.

**Xysticus ninnii** Thorell, 1872

**NEW DATA.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 4.VII.2012, 4♂ (collected within the PIT Summer School 2012); Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 5.X.2011, 2♂, 4♀ (MRSN), leg. F. La Pietra & L. Picciau; same locality, 29.VI.2011, 2♂ (MRSN), leg. F. La Pietra & L. Picciau; Vernante: Palanfrè, Gias della Luia, Alpine pasture, 1600 m, 3.VII.2010, 2♂, 1♀, leg. B. Rizzioli.
**Family Salticidae** Blackwall, 1841

*Salticus v*-insignitus (Clerck, 1757) *(Fig. 19)*

**New data.** — Entracque: Gias degli Isterpis, Vallone Gesso della Bara, Alpine prairies with rocky debris, 1368 m, 23.V.2010, 1♂; Entracque: pathway to Rifugio Livio Bianco, Alpine prairies with rocky debris, 1200-1800 m, 30.VI.2011, 1♀ (MRSN); Pian del Valasco, Alpine grassland with peatbogs, 1764 m, 9.VII.2011, 1♂, 1♀; Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 19.V.2011, 1♀.

**Literature.** — Paschetta *et al.* (2013).

**Chorotype.** — PAL.

**Macrohabitat.** — Alpine grasslands, Alpine prairies, shrublands.

**Notes.** — New record for Piemonte.
Euophrys frontalis (Walckenaer, 1802)

New data. — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 22.IX.2009, 1♂; southern slope of Monte Borel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♀: surroundings of Lago Sottano di Valscura, Alpine scree, 2300 m, 8.VII.2011, 1♀ (MRSN).

Literature. — Paschetta et al. (2013).

Chorotype. — PAL.

Macrohabitat. — Alpine prairies, shrublands, rocky lands.

Evarcha falcata (Clerck, 1757)

(Fig. 20)

New data. — Entracque: Gorge della Reina, shrubland with Juniperus phoenicea, 900-1200 m, 16.IX.2011, 1♀.

Literature. — Lambiase et al. (2007).

Chorotype. — PAL.

Macrohabitat. — Broadleaved woods, shrublands.

Evarcha laetabunda (C. L. Koch, 1846)

New data. — Valdieri: Desertetto, grassland, 1088-1885 m, 14.IX.2011, 1♀.

Chorotype. — PAL.

Macrohabitat. — Alpine grasslands.

Notes. — New record for the study area.

Heliophanus aeneus (Hahn, 1832)

New data. — Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 1♂; Vallone del Bousset, Torrente Bousset, beech forest and nearby habitats, 1000-1300 m, 21.IX.2008, 1♀. Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 29.VI.2009, 1♂, 1♀ (MRSN); pathway to Rifugio Livio Bianco, Alpine prairies with rocky debris, 1200-1800 m, 26.VI.2011, 1♀ (MRSN); Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VII.2009, 1♀; surroundings of Lago Sottano di Valscura, Alpine scree, 2300 m, 8.VII.2011, 1♀ (MRSN); Vallone della Meris, Alpine prairies with rocky debris, 1200-1800 m, 26.V.2011, 1♀; Vallone della Meris, Gias Prato, Alpine prairies with rocky debris, 1600 m, 27.VI.2011, 2♂, 1♀; Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1300 m, 1.VIII.2011, 1♂; Vallone di Lorousa, beech forest near stream, 1900-2000 m, 29.VIII.2009, 2♂, 2♀; Vernante: surroundings of Gias Vilazzo,
Vallone degli Alberghi, Alpine prairies with rocky debris, 1850 m, 26.VII.2011, 1♂ (MRSN); Vallone degli Alberghi, Gias Piamian, stream gravel, 1470 m, 1.VII.2010, 1♂, 2♀; Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1♂.

LITERATURE. — Paschetta et al. (2013).

CHOROTYPE. — SIE.

MACROHABITAT. — Alpine grasslands, Alpine pastures, Alpine prairies, broadleaved woods, riparian habitats, rocky lands.

**Heliophanus cupreus** (Walckenaer, 1802)

NEW DATA. — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011); Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 1♂, 1♀ (collected within the PIT Summer School 2011); Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 11-12.VII.2009 (pitfall traps), 1♂, 1♀; same locality, 29.VI.2009, 1♂; pathway to Rifugio Livio Bianco, Alpine prairies with rocky debris, 1200-1800 m, 30.VI.2011, 1♀ (MRSN); Pian del Valasco, Alpine pasture with rocks, 1764 m, 27.VIII-23.IX.2009 (pitfall traps), 1♀; Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 18.VI.2009, 1♂, 2♀; same locality, 19.V.2011, 1♂ (MRSN); same locality, 22.IX.2009, 1♀; same locality, 29.VI.2011, 2♂, 1♀ (MRSN); Vallone della Meris, Alpine prairies with rocky debris, 1200-1800 m, 26.V.2011, 1♂; Vernante: Palanfrè, Pascariuind, Alpine pasture, 1600 m, 30.VII-30.VIII.2010 (pitfall traps), 1♀; Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010 (pitfall traps), 2♂.

CHOROTYPE. — SIE.

MACROHABITAT. — Alpine grasslands, Alpine pastures, Alpine prairies, shrublands, riparian habitats.

NOTES. — New record for the study area.

**Heliophanus flavipes** (Hahn, 1832)

NEW DATA. — Entracque: Tetti Violin, banks of a small stream with bushes, 900-1100 m, 15.V.2012, 1♀ (collected within the PIT Summer School 2011).

CHOROTYPE. — PAL.

MACROHABITAT. — Riparian habitats.

NOTES. — New record for the study area.

**Heliophanus kochii** Simon, 1868

NEW DATA. — Valdieri: Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 18.VI.2009, 1♂, 1♀; same locality, 22.IX.2009, 1♀; same locality, 29.VI.2011, 1♀ (MRSN).

CHOROTYPE. — EUM.

MACROHABITAT. — Shrublands.

NOTES. — New record for the study area.
Heliophanus lineiventris Simon, 1868


Literature. — Paschetta et al. (2013).

Chorotype. — PAL.

Macrohabitat. — Alpine prairies.

Pellenes tripunctatus (Walckenaer, 1802)

New data. — Vernante: Palanfrè, Pianard, Garbella, sparse wood, grassland, 1600 m, 30.VI.2010, 1♂.

Chorotype. — PAL.

Macrohabitat. — Alpine grasslands.

Notes. — New record for Piemonte.

Philaeus chrysops (Poda, 1761)

(Fig. 21)

New data. — Valdieri: pathway to lago Soprano della Sella, Alpine prairies with rocky debris, 1900-2300 m, 30.VI.2011, 2♂ (MRSN); Natural Reserve of Rocca San Giovanni-Saben, shrubland with Juniperus phoenicea, 1000-1500 m, 18-23.VI.2009 (pitfall traps), 1♀; Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1300 m, 1.VIII.2011, 1♂, 1♀.

Chorotype. — PAL.

Macrohabitat. — Alpine grasslands, Alpine prairies, shrublands.

Notes. — New record for the study area.

Phlegra fasciata (Hahn, 1826)

New data. — Valdieri: Pian del Valasco, Alpine pasture with rocks, 1764 m, 11-12.VII.2009 (pitfall traps), 1♀.

Chorotype. — PAL.

Macrohabitat. — Alpine prairies.

Notes. — New record for the study area.

Pseudeuophrys erratica (Walckenaer, 1826)

New data. — Valdieri: Rifugio Questa – Lago delle Portette, Alpine scree, 2300 m, 11-12.VII.2009 (pitfall traps), 1♂; Vallone della Meris, Alpine prairies with rocky debris, 1200-1800 m, 26.V.2011, 1♂.

Literature. — Paschetta et al. (2013).
**Spiders of the Maritime Alps**

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**chorotype**. — **OLA.**

**Macrohabitat.** — Alpine pastures, rocky lands, not specified.

*Salticus scenicus* (Clerck, 1757)  
**new data.** — Entracque: Tetti Violin, grassland with bushes, 900-1100 m, 10.VI.2011, 1♀ (collected within the PIT Summer School 2011); Valdieri: pathway to Pian del Valasco, beech forest near stream, 1500-2000 m, 1♀; Pian del Valasco, Alpine grassland with peatbogs, 1764 m, 7.VII.2011, 1♂ (MRSN); Rifugio Questa – Lago delle Portette, Alpine scree, 2300 m, 11-12.VII.2009 (pitfall traps), 1♀; Natural Reserve of Rocca San Giovanni-Saben, shrubland with *Juniperus phoenicea*, 1000-1500 m, 18.VI.2009, 1♀; Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1600 m, 27.VI.2011, 1♀; Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1300 m, 1.VIII.2011, 1♂.

**chorotype.** — **OLA.**

**Macrohabitat.** — Alpine grasslands, Alpine pastures, Alpine prairies, shrublands, riparian habitats.

**Notes.** — New record for the study area.

*Sibianor aurocinctus* (Ohlert, 1865)  
**new data.** — Entracque: Tetti Violin, grassland, 900-1100 m, 10.VI.2011, 1♂ (collected within the PIT Summer School 2011).

**chorotype.** — **PAL.**

**Macrohabitat.** — Alpine grasslands.

**Notes.** — New record for Piemonte.
**Sitticus atricapillus** (Simon, 1882)

**NEW DATA.** — Valdieri: along the path to Monte Matto, Alpine scree, 2500-3088 m, 27.VI.2011, 1♀.

**CHOROTYPE.** — SEU.

**MACROHABITAT.** — Rocky lands.

**NOTES.** — New record for Piemonte.

**Sitticus pubescens** (Fabricius, 1775)

**NEW DATA.** — Entracque: Gorge della Reina, sparse wood, grassland and rock-debris, 900-1200 m, 22.V.2010, 1♂.

**CHOROTYPE.** — OLA.

**MACROHABITAT.** — Shrublands.

**NOTES.** — New record for the study area.

**Sitticus rupicola** (C. L. Koch, 1837)

**LITERATURE.** — Calloni (1889).

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — not specified.

**Sitticus saxicola** (C. L. Koch, 1846)

**NEW DATA.** — Vernante: Vallone degli Alberghi, sparse wood, grassland and rock-debris, 1400-2000 m, 5.VI.2010, 1♂.

**CHOROTYPE.** — PAL.

**MACROHABITAT.** — not specified.

**NOTES.** — New record for Piemonte.

**Talavera monticola** (Kulczynski, 1884)

**NEW DATA.** — Valdieri: southern slope of Monte Bourel, Vallone della Meris, Sant’Anna di Valdieri, Alpine prairies with rocky debris, 1500-2300 m, 1-31.VIII.2011 (pitfall traps), 1♂.

**CHOROTYPE.** — SEU.

**MACROHABITAT.** — Alpine prairies.

**NOTES.** — New record for Piemonte.

**Talavera inopinata** Wunderlich, 1993

**NEW DATA.** — Vernante: Palanfrè, edge of beech forest, 1600 m, 9.IX.2011, 1♀.

**CHOROTYPE.** — EUR.

**MACROHABITAT.** — Alpine pastures.

**NOTES.** — New record for Italy.

**GENERAL CONSIDERATIONS**

Faunal inventories are the first step in the study of biodiversity and often provide the basis for multiple types of ecological studies (Sanborn 2011). Our catalogue provides the first structured spider checklist for the Site of Community Importance and Special Area of Conservation IT1160056 “Alpi Marittime”. The new data presented here add 182 species to the list of the spider species known for the study area, raising their total number to 295 (147 genera and 31 families). A selection of photographs of the most representative species of the Park is presented in Figs 3-22. The final species count also includes three species of linyphiids whose identifications require confirmation (*Mecynargus* cf. *paeadius, Leptyphantes* sp. and *Wäckenaeria* cf. *simplex*) (see notes under these species in the checklist). The study area includes half of the species currently known for Piemonte (546 species and 5 subspecies in total) (Isaia et al. 2007). Compared with other northern Italian regions, such as Trentino-Alto Adige, Lombardia, Veneto and Valle d’Aosta, and considering its extent, our results confirm the biological richness of this area (see Table 3). The spider fauna of the the Site of Community Importance and Special Area of Conservation “Alpi Marittime” represent 18% of the Italian total. The number of families found in the study area (31) is comparable to those for the Northern Italian regions (44 in Veneto, 39 in Lombardia, 35 in Alto Adige, 43 in Piemonte, 29 in Valle d’Aosta).

Although ten species (*Agyneta nigripes, Diplocephalus fonamini-fer, Histopona torpida, Paradosa ferruginea, Paradosa paludicola, Paradosa palustris, Pelcopsis parallela, Scotinotylus antennatus, Wäckenaeria monoceros and Sitticus rupicola*) are only cited from the work of Calloni (1890) and need confirmation, their presence in the area would be compatible with their ecological preferences.


Four species (*Drassodes thaleri, Drassodes simoni, Micargus alpinus* and *Talavera inopinata*) are recorded for the first time in Italy. *Drassodes thaleri* and *Drassodes simoni* have recently been described by Hervé et al. (2009) from material collected in the French Alpes Maritimes (National Park of Mercantour). In accordance with the original descriptions, we found these species in high Alpine habitats, such as screes and Alpine prairies under stones. Specimens of *Micargus alpinus* were collected at lower elevations (1500 m) in a riparian wood of *Fraxinus excelsior* and in
Alpine grasslands. This species was known so far only for Austria, Switzerland and Germany, where it was collected in shrub heaths of the subalpine level (1400-1600 m). The single female of *Talavera inopinata* found in the present study was collected in Alpine grasslands at the edge of a beech forest at around 1600 m, which corresponds approximately to the typical habitat of the species (Nentwig et al. 2013).

In terms of species richness, linyphiids dominate with 77 species (26%), followed by gnaphosids (11%) and lycosids (10%) (Fig. 23). Linyphiids were mostly collected in broadleaved woods and riparian habitats, while gnaphosids and lycosids...
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Fig. 25. — Map of the sampling localities (new data and literature).

Fig. 26. — Number of species (black) and number of specimens (white) for each macrohabitat.

Fig. 27. — Species distribution. Groups of main chorotypes according to Table 1.
It is worth mentioning that most of the endemic fauna of Piemonte is composed of elements endemic to the district of Alpi Marittime (ALSW chorotype, Table 5).

Among these (Figs 28A-F, 29A-F), several species stand out for their ecological and faunistic peculiarities. *Vesubia jugorum* (Lycosidae) (Fig. 14), one of the largest lycosids occurring in
Europe, was described by Simon (1881) from material from Saint Martin de Vesubie, France. Arguably the most famous species of spider of the Maritime Alps, it is a rare endemic lycosid, being restricted to a highly fragmented area of about 500 km², centred on the Mercantour-Argentera massif. It occurs exclusively on rocky lands from 2300 to 3290 m and,
until now, data about its presence were limited to a very small number of records (Lugetti & Tongiorgi 1969, Maurer & Thaler 1988, Isaia et al. 2007). Considering its distinctive life history, strict adaptation to the cold montane environment, narrow temperature range and narrow endemic distribution, it seems reasonable to propose a pre-Quaternary origin for this species (i.e. palaeoendemism), which would imply that its ecological niche may have remained relatively constant through the Pleistocene (Tongiorgi 1968, 1969). Although we confirm its presence within the study area and report several new records (Colle del Sabbione, Colle di Finestra, Colle di Fremamorta, Monte Chamoussier – Vallone degli Albergh, nearby Lago Soprano della Sella, Monte Bourel, Monte Matteo, surroundings of Lago Sottano di Valscura, nearby Lago di Valscura, Rifugio Soria, Vallone Assedras, Rifugio Remondino and Bassa del Drous), this species exhibits a relatively low number of populations and its possible inclusion in the IUCN red data book should be evaluated.

Another interesting species is *Tirurinia clairi* (Linyphiidae) (Fig. 4), which might share a similar biogeographical history with *Vesubius jugorum*. Maurer & Thaler (1988) consider it a palaeoendemic and report about it from several localities in the district of the Maritime Alps. In Italy, it has been recently recorded in hypogean habitats (Isaia et al. 2011). In this work we report its frequent presence in beech forests and other shaded habitats.

Beech forests are also inhabited by *Cybaeus vignai* (Cybaeidae), a troglophilic, detriticolous/lapidicolous element that was described by Brignoli (1977) from material collected in the cellars of the Carthusian monastery of Chiusa Pesio. A separate contribution on this species is given in this volume (Isaia & Chiarle 2015).

The whole district of the Maritime Alps stands out for the remarkable biodiversity of its subterranean arachnological coenosis (Isaia et al. 2011) and the study area is no exception in this respect. *Nesticus morisii* (Nesticidae) (Fig. 3) and *Troglohyphantes konradi* (Linyphiidae) are the most remarkable representatives of this category of species. *Troglohyphantes konradi* is only known from seven subterranean localities (Isaia et al. 2010b, Isaia et al. 2011), all of them within the borders of the Site of Community Importance and Special Area of Conservation “Alpi Marittime.” *Nesticus morisii* is only known from the type locality, the military bunker of Vernante, just outside the borders of the protected area.

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