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THE CERAMBYCIDAE (COLEOPTERA: CHRYSOMELOIDEA) OF SICILY: RECENT RECORDS AND UPDATED CHECKLIST

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(communicated by Salvatore Fasulo)

ABSTRACT. This paper compiles an updated checklist of Sicilian (including the circum-sicilian islets) species of Cerambycidae based on historical bibliographical data along with new Sicilian material collected by the authors and other entomologists in the last few decades. A total of 133 species are reported, including new data for many taxa often rare in Sicily and the first record of *Axinopalpis gracilis* (Krynicky, 1832).

1. Introduction

The so called “longhorn beetles” (Cerambycidae) belong to a large cosmopolitan family of beetles, with over 30,000 known species arranged in more than 5,000 genera (Slipinski, Leschen, and Lawrence 2011). They are characterized by extremely long antennae, which are often, as long as or, very often, longer than the body. Even if some species of Cerambycidae are considered serious pests and may cause in some cases extensive damages to living trees and wood in buildings, most part of the species can be considered useful bioindicators in forest ecosystems (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015). Although only 1% of the world’s species is recorded from Italy, about 5% of the Italian species is endemic or subendemic. As observed in other Mediterranean countries, the number of alien cerambycids established in Italy in recent years has significantly increased (Sama 2005; Sama and Rapuzzi 2011). Hence, even from a biogeographic and conservation management point of view, a great importance assumes the knowledge about the presence and distribution of Cerambycidae of Sicily, taking into account its central location in the Mediterranean basin hotspot, with a complex paleogeographic history and wide habitat diversity. As reported by Sama and Schurmann (1980), there are not Italian regions with so many papers dealing with Cerambycidae as Sicily.

The current systematic knowledge of the Italian Cerambycidae is very good and probably this is the better known family among Sicilian insect, not only among Coleoptera, as it can be inferred from the volume of the “Fauna d’Italia” series (Sama 1988) and many subsequent, including very recent, contributions. Despite the strong interest by researchers,

the knowledge on the distribution of Cerambycidae of Sicily was improved also in recent times (Sparacio 1992; Baviera 1999; Bellavista 2001; Baviera and Sparacio 2002; Biscaccianti 2003; Sparacio, Bella, and G. F. Turrisi 2003; Baviera and Sparacio 2004; Baviera, Bella, and G. Turrisi 2005; Biscaccianti 2005; Baviera 2006; Lo Cascio *et al.* 2006; Rapuzzi and Sama 2006; M. Romano 2007; Bellavista *et al.* 2008; Baviera 2009; Bellavista, La Mantia, and Sparacio 2009; La Mantia *et al.* 2010; Baviera 2011; Sama and Rapuzzi 2011; Altadonna 2012; Bellavista, La Mantia, and Sparacio 2015). Many data were also published from circumsicilian islets: Pelagie (Failla Tedaldi 1887; M. Romano and Sparacio 1995; Goggi 2004; Lo Cascio 2004b; Pisciotta, Sajevo, and Sparacio 2008; Lo Cascio and Pasta 2012), Aeolian Islands (Cecchi and Lo Cascio 2000; Biscaccianti 2003; Lo Cascio *et al.* 2006). The evolution of the knowledge of Sicilian Cerambycidae could be start from the most ancient contributions on Sicilian Coleoptera (Ghiliani 1842; B. Romano 1849; De Stefani Perez and Riggio 1882; Ciofalo 1886), followed by the two catalogues of Sicilian Cerambycidae published by Ragusa (1924) and Vitale (1936), to the first “modern” commented catalogue by Sama and Schurmann (1980). The number of surveyed Sicilian species of Cerambycidae varies during the time: 160 taxa (with many subspecies) were listed by Ragusa (1924) (of which only 95 were validated by Sama and Schurmann (1980); 187 (with many subspecies) were then cited by Vitale (1936) (of which only 92 were validated by Sama and Schurmann (1980). Taking into account the combination of the above mentioned catalogues, 107 species have been reported from Sicily but this number was reduced to 104 by Sama “Fauna d’Italia” catalogue (Sama 1988); the Fauna Europaea Database lists 114 species of Cerambycidae from Sicily, out of the 244 species globally reported from Italy (Sama 2013). In the CKMap of Italian Fauna (Sama 2005), were reported georeferenced data on 124 Sicilian species, reduced to 123 in the checklist by Rapuzzi and Sama (2006) and re-implemented up to 128 in the last checklist of the Italian Cerambycidae, which reported a total of 296 species (Sama and Rapuzzi, 2011). The aim of the present contribution is to provide an updated account of the presence and distribution of the family Cerambycidae in Sicily as recently provided for Nitidulidae (Baviera and Audisio 2014) and Chrysomelidae Alticini (Baviera and Biondi 2015).

2. Materials and methods

Samplings were carried out in the whole Sicily (with particular effort in mountain chains with the best preserved habitats (Sicani, Madonie, Nebrodi, Peloritani, Erei, Iblei and Etna Mount) and on Sicilian Islands (Aeolian Archipelago: Lipari, Vulcano, Salina, Stromboli, Alicudi, Filicudi and Panarea; Egadi Archipelago: Favignana, Levanzo and Marettimo; Pelagie Archipelago: Lampedusa, Linosa and Lampione; Ustica; Pantelleria) in many different habitats. The specimens were collected directly on flowers or trees also with the aid of sweep netting, and indirectly by the use of pitfall traps, light traps, and window traps. These data have been compared and combined with available literature records of regional presence. The systematics and nomenclature follow the recent catalogue by Löbl and Smetana (2010), implemented with the updates by Danilevsky (2016a,b). The corotypes follow the categories proposed by Vigna Taglianti *et al.* (1993, 1999), implemented by Biondi, Urbani, and D’Alessandro (2013) and based on the Italian distribution provided by Sama (2005). Genera and species are listed in alphabetical order within each subfamily or

tribe. For each species the following data are given: nomenclatural combination, chorotype, host plants, trophic category and new records (grouped by provinces). New records were reported with data written on labels pinned under the specimens, standardized as follows: locality (with municipality and province), date, collecting method and habitat, surname and initials of name of collector. For records taken from the literature, the source is given after the mentioned locality or the generic regional record. The acronym FEI reported citations from photos identified in the website *Forum Entomologi Italiani* (2017), whereas the acronym MIPP reported citations from photos identified in the website of the project *Monitoring of Insects with Public Participation* (2017). Data on host plants were obtained through careful bibliographic screening (eg. Duffy 1953; Sama 1988; Pollini 1998), integrated with unpublished observations. The botanical nomenclature follows the last Checklist of the Sicilian flora (Raimondo, Domina, and Spadaro 2010). As far as the trophic range is concerned, we refer to the terminology used by Biondi (1996) for Chysomelidae Alticinae: “monophagous” (MON): species with larvae feeding on one or two systematically closely related plant genera; “oligophagous” (OLD): species with larvae feeding on plant genera from one or two systematically closely related families; “polyphagous” (POL): species with larvae feeding on many botanical species that are not systematically closely related.

COLLECTIONS ACRONYMS

Altadonna Giovanni, private collection, Messina (AGPC)
 Aliquò Vittorio, private collection, Palermo (AVPC)
 Baviera Cosimo, private collection, Messina (BCPC)
 Bella Salvatore, private collection, Aci Catena, Catania (BSPC)
 Camino Fabio, private collection, Messina (CFPC)
 Muscarella Calogero, private collection, Palermo (MCPC)
 Sparacio Ignazio, private collection, Palermo (SIPC)
 Turrisi Giuseppe Fabrizio, private collection, Pedara, Catania (TGPC)
 Castelbuono Museum Natural History, M. Bellavista Collection, Palermo (MCBC)

COROTYPE ACRONYMS

ASE = Asiatic-European
 CAE = Centrasiatic-European
 CEM = Centrasiatic-European-Mediterranean
 CME = Central-Mediterranean
 COS = Cosmopolitan
 EUM = European-Mediterranean
 EEU = Est-European
 EME = Est-Mediterranean
 EUR = European
 NAF = North African
 MED = Mediterranean
 OLA = Holarctic
 PAL = Palearctic
 SCOS = Sub-Cosmopolitan
 SEU = South-European

SIE = Sibiric-European
TEM = Turanic-European-Mediterranean
TUE = Turanic-European
TUM = Turanic-Mediterranean
WEU = West-European
WME = West-Mediterranean

ENDEMIC DISTRIBUTION TYPE ACRONYMS

SISA = Sicilian-South-Appennine Endemic
SICI = Sicilian Endemic
TYRR = Tyrrhenian Endemic

PLANT FAMILY ACRONYMS

ACE = Aceraceae
ANA = Anacardiaceae
API = Apiaceae
APO= Apocynaceae
AQU = Aquifoliaceae
ARA = Araliaceae
ARE = Arecaceae
ASP = Asphodelaceae
AST = Asteraceae
BER = Berberidaceae
BET = Betulaceae
BOR = Boraginaceae
BRA = Brassicaceae
BUX = Buxaceae
CAF = Caprifoliaceae
CAL = Campanulaceae
CAR = Caryophyllaceae
CEL = Celastraceae
CES = Cesalpiniaceae
CET = Celtidaceae
CHE = Chenopodiaceae
CIS = Cistaceae
COR = Cornaceae
COY = Corylaceae
CUP = Cupressaceae
DIP = Dipsacaceae
EUP = Euphorbiaceae
FAB = Fabaceae
FAG = Fagaceae
GEN = Gentianaceae
GRO = Grossulariaceae

HIP = Hippocastanaceae
JUG = Juglandaceae
LAM = Lamiaceae
LAU = Lauraceae
LOR = Loranthaceae
MAL = Malvaceae
MEL = Melantiaceae
MIM = Mimosaceae
MYR = Myrtaceae
MOR = Moraceae
OLE = Oleaceae
PAP = Papaveraceae
PIN = Pinaceae
POA = Poaceae
PLA = Platanaceae
PUN = Punicaceae
RAN = Ranunculaceae
RHA = Rhamnaceae
ROS = Rosaceae
RUT = Rutaceae
SAL = Salicaceae
SCR = Scrophulariaceae
SIM = Simaroubaceae
STY = Styracaceae
TAM = Tamaricaceae
TAX = Taxaceae
TIL = Tiliaceae
ULM = Ulmaceae
URT = Urticaceae
VAL = Valerianaceae
VIT = Vitaceae

3. Results

FAUNISTIC LIST

FAMILY CERAMBYCIDAE LATREILLE, 1802

VESPERINAE (Mulsant, 1839)

Vesperini Mulsant, 1839

***Vesperus* Latreille, 1829**

Vesperus luridus (Rossi, 1794)

Chorotype - MED

Host plants - OLE (*Olea*), VIT (*Vitis*) ROS (*Rubus*: Pollini, 1998), FAB (*Medicago*: Pollini, 1998) (in roots).

Trophic category - POL

New records - **Messina**: Monti Peloritani, Massa San Giovanni, Campo Italia, 350 m a. s.l., 29.VIII.2011, in light trap, Infusino M. (BCPC); Bosco di Malabotta, 740 m s.l.m., 29.VIII.2011, in light trap, foto di R. Leotta (FED); **Catania**: Milo, Bosco di Milo, m 700, 21.VIII.1996, Russo P. (BSPC);

Notes. The most common species of the genus *Vesperus* in Italy. Only recorded from a few sites in western and eastern Sicily: Ustica (Ragusa 1924; Vitale 1936; Sama and Schurmann 1980), Peloritani (Vitale 1936) and Etna (Sparacio, Bella, and G. F. Turrisi 2003; Sabella and Sparacio 2004; Sama 2005).

PRIONINAE Latreille, 1802

Macrotomini Thomson, 1861

***Prinobius* Mulsant, 1842**

Prinobius myardi (Mulsant, 1842)

Chorotype - TUM

Host plants - FAG (*Quercus*, *Castanea*), OLE (*Fraxinus*, *Olea*), MOR (*Morus*), BET (*Alnus*), PLA (*Platanus*), CES (*Ceratonia*), ACE (*Acer*), ROS (*Pyrus*), SAL (*Populus*, *Salix*), PIN (*Pinus*, *Cedrus*)

Trophic category - POL

New records - **Messina**: Nebrodi, Caronia Monte Pagano, 30.VII.2016 (resti) Baragona A. and Muscarella C. (MCPC); **Ragusa**: Comiso, 20.VII.1993, Friscione N. (BCPC); Vittoria, Pineta di Vittoria, 15.VII.2001, Bella S. (BSPC); **Caltanissetta**: Niscemi, 10.VIII.1988, Liardo E. (SIPC); **Palermo**: Madonie, Gibilmanna, 23.VI.2002, Sparacio I. (SIPC); Castelbuono, contrada Saraceno, 7.VII.2002, Arnone M. (SIPC)

Notes. Widespread, but uncommon, across Sicily, recorded so far only from Sicani, Madonie, Etna, Nebrodi and Bosco di Santo Pietro (Catania) (sub *P. scutellaris* (Germ.) (Sama and Schurmann 1980; Sabella and Sparacio 2004; Sama 2005; Sidoti and Colletti 2006). In mainland Italy and Sicily it has been cited only the subspecies *P. myardi slamorum* Danilevsky, 2012. Previously not recorded from Messina province and Nebrodi.

Ergatini Fairmaire, 1864

***Ergates* Audinet-Serville, 1832**

Ergates faber (Linnaeus, 1758)

Chorotype - NAF (EUM)

Host plants - PIN (*Pinus*, *Picea*, *Abies*, *Larix*, *Cedrus*)

Trophic category - POL

New records - **Messina**: Peloritani, Vivaio Zirió, 18.VIII.2015, Crisafulli A. (BCPC); Curcuraci, Forte Serra la Croce, 09.VII. 2016, Baviera C. (BCPC); **Catania**: Etna, Bosco Cerrita, 02.VIII.2006, Baviera C. (BCPC); ditto, 16.V-10.VII.2002, pit-fall traps, Baviera C. (BCPC); Milo, Serra delle Concazze, 5.VIII.2015, Muscarella C. (MCPC); **Trapani**: Pantelleria, Monte Gibele, ex larva, VI.2014, Muscarella C. (MCPC)

Notes. Recorded with the subspecies *E. faber opifex* Mulsant, 1851 in Calabria and Sicily (Rapuzzi and Sama 2006; Sama and Rapuzzi 2011) in this Island it was recorded previously only from Etna (Gulli 1961; Sabella and Sparacio 2004; Rapuzzi and Sama 2006), and later also from Pantelleria (M. Romano and Sparacio 1995) and Peloritani (Baviera and Sparacio 2002; Altadonna 2012). The species is considered monophagous on Pinaceae thus, the other host plant genera sometimes reported (*Populus*, *Alnus*) (Bense 1995) in our opinion need confirmation.

Prionini Latreille, 1802

***Prionus* Geoffroy, 1762**

Prionus coriarius (Linnaeus, 1758)

Chorotype - TEM

Host plants - FAG (*Quercus*, *Fagus*, *Castanea*), ULM (*Ulmus*), COY (*Carpinus*, *Corylus*), BET (*Alnus*, *Betula*), SAL (*Salix*), HIP (*Aesculus*), PLA (*Platanus*), OLE (*Fraxinus*), ROS (*Prunus*, *Malus*), AQU (*Ilex*), FAB (*Robinia*), CAF (*Sambucus*), PIN (*Larix*, *Pinus*, *Picea*, *Abies*)

Trophic category - POL

New records - **Messina:** Monti Peloritani, Montalbano Elicona, Bosco di Malabotta, 1300 m a.s.l., 08.VIII.2007, Baviera C. (BCPC); ditto, 02.VII-05.VIII.2005, in pit-fall trap, Baviera C. (BCPC); ditto, Portella Croce Mancina, 13.VII.2016, Faraone P. and Muscarella C. (MCPC); Monti Nebrodi, Biviere di Cesarò, 1200 m a.s.l., 30.VII.2007, Baviera C. (BCPC); Bosco di Caronia, VII.1990, Sabella G. (SIPC); Portella dell'Obolo, 30.VII.2016, Baragona A. and Muscarella C. (MCPC); **Catania:** Nebrodi, Randazzo, Bosco del Flascio: Caserma Forestale Zarbate, 1095 m a.s.l., 06.VII.2013, Altadonna G. (AGPC); Etna, Monti Sartorius, 1400 m a.s.l., 29.VII.2015, Baviera C. (BCPC); Zafferana Etnea, Valle San Giacomo, 700 m a.s.l., 18.VII.1993, Russo P. (BSPC); ditto, 3.VII.1995, Russo P. (BSPC); Zafferana Etnea, Monte Pomiciaro, 5.VII.2001, Sparacio I. (SIPC); Milo, 4.VII.2001, Sparacio I. (SIPC); **Palermo:** Madonie, Pomieri, 1400 m a.s.l., 5.VIII.2015, Baviera C. (BCPC); Pizzo Antenna, 16.VII.1951, Aliquò V. (AVPC); Gibilmanna, 21.VI.1988, Sparacio I. (SIPC); Polizzi Generosa, VII.1998, Vitturi R. (SIPC); ditto, 4.VII.2001, Sparacio I. (SIPC); ditto, 4.VII.1988, Bellavista M. (MCBC); Madonie, Castelbuono, Piano Pomo, 4.VII.2015 (resti) Baragona A. and Muscarella C. (MCPC)

Notes. Widespread and common species in the woods of Sicani, Madonie (Ragusa 1924; Sabella and Sparacio 2004), Nebrodi, Peloritani (Sama and Schurmann 1980; Sama 1988; Sabella and Sparacio 2004; Contarini 2007), and Etna (Aliquò and Mignani 1970; Sabella and Sparacio 2004; Sama 2005).

Aegosomatini Thomson, 1861

***Aegosoma* Audinet-Serville, 1832**

Aegosoma scabricorne (Scopoli, 1763)

Chorotype - TUE

Host plants - FAG (*Quercus*, *Fagus*, *Castanea*), JUG (*Juglans*), ULM (*Ulmus*), ARA (*Hedera*), CET (*Celtis*), SAL (*Populus*, *Salix*), ACE (*Acer*), ROS (*Prunus*, *Mespilus*, *Eryobothria*), BET (*Alnus*), TIL (*Tilia*), HIP (*Aesculus*), PLA (*Platanus*), SIM (*Ailanthus*), COY (*Corylus*), MOR (*Morus*), OLE (*Fraxinus*), CAF (*Sambucus*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, Biviere di Cesarò, 19.VIII.2006, Baviera C. (BCPC); ditto, 15.VII.1981, Sparacio I. (SIPC); ditto, 14.VIII.1982, Aliquò V. (AVPC); **Palermo**: città, 27.VI.1952, Aliquò V. (AVPC); Madonie, Torre Montaspro, 800 m, 15.VII.1995, Sparacio I. (SIPC); **Siracusa**: Valle del Fiume Anapo, 15.VIII.1996, Bella S. and Turrisi G.F. (BSPC); **Catania**: città, 17.VI.1992, Bella S. and Turrisi G.F. (TGPC).

Notes. Widespread but uncommon species in Sicily, recorded from Palermo (Ragusa, 1924), Messina (Vitale, 1936), Madonie (Piano Zucchi: Sama and Schurmann, 1980), Caltanissetta (Biviere di Gela: Sama and Schurmann, 1980), and recently Sicani (Ficuzza woods: Bellavista *et al.* 2008; La Mantia *et al.* 2010) and Etna (Sabella and Sparacio 2004). This species has been recently recorded with stable populations in many loquat orchards (the loquat, *Eryobotrya japonica* (Thumb.), is an allochthonous species long cultivated in Sicily) of the agricultural surroundings of Palermo (Bellavista, La Mantia, and Sparacio 2015). Never recorded before from Siracusa and Nebrodi.

LEPTURINAE Latreille, 1802

Rhamnusiini Sama, 2009

Rhamnusium Latreille, 1829

Rhamnusium bicolor (Schrank, 1781)

Chorotype - EUR

Host plants - HIP (*Aesculus*), SAL (*Populus*, *Salix*), TIL (*Tilia*), ACE (*Acer*), PLA (*Platanus*), FAG (*Fagus*, *Quercus*, *Castanea*), JUG (*Juglans*), ULM (*Ulmus*), ROS (*Prunus*)

Trophic category - POL

Notes. Uncommon in Sicily. Only known from three sites across southern Sicily: in Madonie (Piano Zucchi) and Nebrodi (Portella dell'Obolo and Portella di Femmina Morta: Sama and Schurmann 1980; Sama 1988; Sama 2005).

Rhagiini Kirby, 1837

Rhagium Fabricius, 1775

Rhagium (Rhagium) inquisitor (Linnaeus, 1758)

Chorotype - OLA

Host plants - HIP (*Aesculus*), SAL (*Populus*), TIL (*Tilia*), ACE (*Acer*), PLA (*Platanus*), FAG (*Fagus*, *Quercus*), BET (*Betula*), JUG (*Juglans*), PIN (*Cedrus*, *Abies*, *Larix*, *Picea*, *Pinus*).

Trophic category - POL

Notes. Species recorded from Sicily only from Etna, between 1500 m and 1800 m a.s.l. (Baviera 1999; Sabella and Sparacio 2004; Sama 2005; Rapuzzi and Sama 2006).

Rhagium (Hagrium) bifasciatum Fabricius, 1775

Chorotype - ASE

Host plants - PIN (*Pinus*, *Abies*, *Picea*, *Larix*), CAF (*Sambucus*), COY (*Carpinus*), FAG (*Fagus*, *Castanea*, *Quercus*), BET (*Alnus*, *Betula*), LAU (*Laurus*), OLE (*Fraxinus*), ROS (*Prunus*, *Crataegus*),

Sorbus, Malus), SAL (*Salix, Populus*).

Trophic category - POL

Notes. Recorded from Sicily only from Nebrodi (Mount Soro) (Sama and Schurmann 1980; Sama 1988; Sama 2005).

Rhagium (Megarhagium) sycophanta (Schrank, 1781)

Chorotype - SIE

Host plants - FAG (*Quercus, Castanea, Fagus*), BET (*Alnus, Betula*), TIL (*Tilia*).

Trophic category - POL

Notes. The only known Sicilian record is relative to one found in Castelbuono (Madonie) (Ragusa 1924; Sama 2005). Another specimen, unfortunately without indication of locality, is preserved in the Vitale collection (Baviera and Sparacio 2004).

***Dinoptera* Mulsant, 1863**

Dinoptera (Dinoptera) collaris (Linnaeus, 1758)

Chorotype - SIE

Host plants - FAG (*Quercus, Castanea*), SAL (*Populus*), ROS (*Pyrus, Rubus, Malus*), CAF (*Viburnum*), FAB (*Robinia*), ACE (*Acer*), OLE (*Fraxinus*), COR (*Cornus*), CEL (*Euonymus*)

Trophic category - POL

Notes. Reported by Luigioni and Tirelli (1912) and Ragusa (1924) from Ficuzza woods and by Vitale (1936) from Madonie, but never found thereafter in Sicily (Sama 2005).

***Lepturini* Latreille, 1802**

***Grammoptera* Audinet-Serville, 1835**

Grammoptera ustulata (Schaller, 1783)

Chorotype - TUE

Host plants - ROS (*Prunus, Crataegus*), ACE (*Acer*), FAG (*Quercus, Castanea, Fagus*), JUG (*Juglans*), BET (*Alnus*).

Trophic category - POL

New records - **Messina:** Monti Peloritani, Montalbano Elicona, Bosco di Malabotta, 11.VI.2004, Baviera C. (BCPC); Rometta, San Leone, 29.IV.2000, Baviera C. (BCPC); Tripi, Bosco di Malabotta, loc. demanio Faggita, 1100 m s.l.m., 1.V-10.VI.2013, from *Fagus sylvatica*, Altadonna G.(AGPC); **Catania:** Etna, Linguaglossa, 22.IV.2000, Baviera C. (BCPC); ditto, 16.V.2003, Baviera C. (BCPC); Milo, Bosco di Milo, 7.III.1998, Bella S. (BSPC); ditto, 8.II.2000, Turrisi G.F. (TGPC); **Agrigento:** Monte Genuardo, 700 m, ex larva in *Quercus*, 14.IV.2010, Petrioli A. (FEI); **Palermo:** Madonie, Torre Montaspro, 800 m, 18.IV.1984, Sparacio I. (SIPC); Petralia Sottana, 6.VI.2009, Sparacio I. (SIPC); Sicani, Palazzo Adriano, 13.VIII.2009, Bellavista M. (BMPC).

Notes. Common and widespread mainly in *Quercus* wood of Sicily. Known from Sicani, Nebrodi, Peloritani, Madonie and Etna (Sabella and Sparacio 2004; Sama 2005; Rapuzzi and Sama 2006; Contarini 2007).

Grammoptera ruficornis (Fabricius, 1781)

Chorotype - SICI (EUR)

Host plants - FAG (*Quercus*), MOR (*Ficus*), FAB (*Robinia*, *Sarothamnus*), ROS (*Crataegus*, *Prunus*, *Sorbus*, *Malus*), ARA (*Hedera*), RHA (*Rhamnus*), JUG (*Juglans*), COY (*Corylus*, *Carpinus*), CEL (*Euonymus*), HIP (*Aesculus*), SAL (*Salix*, *Populus*), ACE (*Acer*), MAL (*Hibiscus*), CAF (*Sambucus*), AQU (*Ilex*), TIL (*Tilia*), ULM (*Ulmus*), OLE (*Fraxinus*), BET (*Alnus*), BER (*Berberis*), GRO (*Ribes*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Monte Antennammare, 1133 m a.s.l., 28.V.2016, Baviera C. (BCPC); Monti Nebrodi, Biviere di Cesarò, 1200 m a.s.l., 17.VI.2011, Baviera C. (BCPC); Bosco Scavioli, 1100 m a.s.l., 27.IV.2016, Baviera C.; San Fratello, 1300 m a.s.l., 03.VI.2000, Baviera C. (BCPC); ditto, 17.V.2001, Baviera C. (BCPC); ditto, 17.V.2002, Baviera C. (BCPC); Caronia, 1300 m a.s.l., 17.V.2015, Baviera C. (BCPC); Urio Quattrocchi, 9.VI.1992, Sparacio I. (SIPC); **Palermo**: Madonie, Piano Cervi, 6.VII.1980, Aliquò V. (AVPC); Piano Battaglia, 28.V.1983, Aliquò V. (AVPC); ditto, 31.V.1973, Aliquò V. (AVPC); ditto, 6.VII.1980, Aliquò V. (AVPC)**Notes.** In Sicily it is represented by the endemic subspecies *G. ruficornis flavipes* (Pic, 1892), common and widespread often together with *G. ustulata* (Sabella and Sparacio 2004; Sama 2005; Rapuzzi and Sama 2006).*Grammoptera viridipennis* (Pic, 1893)

Chorotype - SICI

Host plants - ACE (*Acer*), FAG (*Quercus*, *Castanea*), ROS (*Pyrus*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, Caronia, 1300 m a.s.l., 17.V.2015, Baviera C. (BCPC); **Palermo**: Madonie, Torre Montaspro, 800 m, 18.IV.1984, Sparacio I. (SIPC)**Notes.** Endemic to Sicily, it has been considered, for a long time, confined to Madonie. Only recently it has been found locally abundant and widespread in Sicani (Ficuzza woods: Rapuzzi and Sama (2006) and La Mantia *et al.* (2010)), Nebrodi (Baviera and Sparacio 2002; Sabella and Sparacio 2004; Sama 2005; Rapuzzi and Sama 2006) and Peloritani (Malabotta Wood and Mount Scuderi: Baviera (2009)). *Grammoptera viridipennis* is reported as Endangered (EN) in the Red List of Italian Saproxylic Beetles (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015).*Neopiciella Sama, 1988**Neopiciella sicula* (Ganglbauer, 1886)

Chorotype - SICI

Host plants - ACE (*Acer*), FAG (*Quercus*, *Fagus*)

Trophic category - OLI

New records - **Trapani**: Castellammare del Golfo, Monte Inici, 25.VI.2000, Bellavista M. (MCBC); ditto, 12.VI.2009, Bellavista M. (CBE)**Notes.** This Sicilian endemic species, is recorded from Sicani, Madonie, Etna and Nebrodi (Baviera and Sparacio 2002; Sabella and Sparacio 2004; Sama 2005; Rapuzzi and Sama 2006; La Mantia *et al.* 2010). Firstly recorded from Trapani province. *Neopiciella sicula* is reported as Critically Endangered (CR) in the Red List of Italian Saproxylic Beetles (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015).

Pedostrangalia* Sokolov, 1897Pedostrangalia (Pedostrangalia) revestita* (Linnaeus, 1767)

Chorotype - EUR

Host plants - SAL (*Populus*), ULM (*Ulmus*), FAG (*Quercus*, *Fagus*), COY (*Carpinus*), ACE (*Acer*), ROS (*Prunus*), JUG (*Juglans*), BET (*Betula*)

Trophic category - POL

Notes. The species was generically reported from “Sicily” (Ragusa 1924). The only known Sicilian record is of one found in Nebrodi (Ucria) by Vitale (1936).***Stictoleptura* Casey, 1924***Stictoleptura (Aredolpona) rubra* (Linnaeus, 1767)

Chorotype - TEM

Host plants - PIN (*Pinus*, *Picea*, *Abies*, *Larix*)

Trophic category - POL

New records - **Palermo**: Piano Zucchi, 31.X.2014, Castelli D. (FEI).**Notes.** Common and widespread in northern Italy, previously not recorded from Sicily (Sama and Rapuzzi 2011). The presence of this species in Sicily needs further confirmation.*Stictoleptura (Stictoleptura) cordigera* (Fuessly, 1775)

Chorotype - TUE

Host plants - FAG (*Quercus*, *Castanea*), ANA (*Pistacia*), BET (*Betula*), PIN (*Pinus*)

Trophic category - POL

New records - **Messina**: Torre Faro, Granatari, 27.V-05.VI.2008, Baviera C. (BCPC); ditto, 18-23.V.2008, Baviera C. (BCPC); Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 26.VI.2001, Baviera C. (BCPC); Montalbano Elicona, Sorgenti Melizzo, 1089 m a.s.l., 11.VII.2015, Altadonna G. (AGPC); Monti Nebrodi, Portella Maulazzo, 1400 m a.s.l., 05.VIII.2003, Baviera C. (BCPC); Biviere di Cesarò, m 1270, 14.VII.2001, Turrisi G.F. (TGPC); Floresta, 1300 m a.s.l., 13.VIII.2002, Baviera C. (BCPC); Caronia, Cozzo Pagano, 12.V.2007, Sparacio I. (SIPC); Caronia, Monte Trefinaidi, 20.VII.2013, Altadonna G. and Muscarella C. (AGPC); Santa Domenica Vittoria, Cont. Iuncará, 800 m a.s.l., 23.VI.2013 Altadonna G. (AGPC); Caronia, Portella Pomiere, 1450 m a.s.l., 03.VIII.2013, Baviera C. and Altadonna G. (AGPC + BCPC); Cesarò, Colle Finocchio, 1143 m a.s.l., 06.VII.2014, Altadonna G. (AGPC); Pettineo, Piano d’Olmo, 620 m a.s.l., 4.VII.2015, Altadonna G. (AGPC); **Catania**: Nebrodi, Randazzo, Bosco del Flascio, 1100 m a.s.l., 06.VII.2013, Altadonna G. (AGPC); Piana, Ramacca, 04.VI.2004, Baviera C. (BCPC); Foce San Leonardo, 26.V.1991, Bella S. (BSPC); Foce Fiume Simeto, 30.V.1997, Bella S. (BSPC); ditto, 13.VI.1980, Bellavista M. (BMPC); Vaccarizzo, La Collinetta, 12.V.1996, Bella S. (BSPC); Primosole, 21.VI.1998, Turrisi G.F. (TGPC); Fiume Alcantara, Calatabiano, 4.VI.1999, Turrisi G.F. (TGPC); ditto, 6.VI.2001, Turrisi G.F. (TGPC); Giarre, Santa Maria La Strada, 31.V.2001, Vassallo (BSPC); Caltagirone, Bosco di Santo Pietro, 22.VI.1988, Sparacio I. (SIPC); Etna, Sant’Alfio, Bosco Cerrita, 1500 m a.s.l., 01.VII.2004, ex larva in *Betula aetnensis*, Baviera C. (BCPC); ditto, 15.VI.2004, Baviera C. (BCPC); ditto, V.2003, Baviera C. (BCPC); Linguaglossa, 13.VI.1996, Costa G. (BSPC); ditto, 5.VII.2001, Sparacio I. (SIPC); Pineta di Ragabo, 3/6.VII.2001, Sparacio I. (SIPC); Piano Provenzana, 1800 m., 21.VII.1995, Sparacio I. (SIPC); **Siracusa**: Città, 18.VI.1971, Aliquò V. (AVPC); ditto, 7.VI.1967, Aliquò V. (AVPC); Foce Fiume San Leonardo, 26.V.1991, Bella S. (BSPC); **Agrigento**: San Biagio Platani, 23.VI.1987, Sparacio I. (SIPC); Siculiana, Torre Salsa, 4.V.2013, Muscarella C. (MCPC); ditto, 11.V.2014, Muscarella

C. (MCPC); Cattolica Eraclea, Foce Platani, 25.IV.2010, Muscarella C. (MCPC); ditto, 25.V.2012, Muscarella C. (MCPC); **Enna**: Piazza Armerina, 11.VI.2011, Sparacio I. (SIPC); **Caltanissetta**: Biviere di Gela, 29–30.V.2006, Baviera C. (BCPC); Niscemi, 22.VI.1988, Sparacio I. (SIPC); Resuttano, 11.VI.2011, Sparacio I. (SIPC); **Ragusa**: Cava Randello, 16.VI.2016, Muscarella C. (MCPC); **Palermo**: Città, 30.V.1979, Sparacio I. (SIPC); ditto, 6.VI.1980, Sparacio I. (SIPC); Borgo Ulivia, 9.VI.1980, Bellavista M. (MCBC); Parco della Favorita, 17.VI.2006, Muscarella C. (MCPC); Villa Niscemi, 20.V.2008, Muscarella C. (MCPC); Lago di Caccamo, 12.VII.2006, Muscarella C. (MCPC); Caccamo, Contrada San Giovanni, 13.VI.2010, Muscarella C. (MCPC); Pollina, 26.VI.1987, Sparacio I. (SIPC); Gratteri, 2.VII.2005, Sparacio I. (SIPC); Bolognetta, 19.VI.1987, Sparacio I. (SIPC); Pezzingoli, 3.VII.1980, Sparacio I. (SIPC); Aquino, presso Fiume Oreto, 6.VI.1980, Sparacio I. (SIPC); Bellolampo, 18.VI.1971, Aliquò V. (AVPC); ditto, 29.VI.1972, Aliquò V. (AVPC); ditto, 600 m, 6.VII.1991, Sparacio I. (SIPC); Giacalone, 30.VI.1993, Sparacio I. (SIPC); Madonie, Castelbuono, 3.VII.1964, Aliquò V. (AVPC); Isnello, 13.VII.1969, Aliquò V. (AVPC); ditto, 22.VI.2003, Sparacio I. (SIPC); Torre Montaspro, 800 m, 23.VII.1980, Sparacio I. (SIPC); Piano Sempria, 3.VII.2010, Bellavista M. (BMPC); Monte San Salvatore, 1500 m, 22.VII.1981, Sparacio I. (SIPC); Pomieri, 26.VII.2008, Sparacio I. (SIPC); Piano Battaglia, 1600 m, 12.VI.2003, Sparacio I. (SIPC); ditto, 12.VII.2008, Sparacio I. (SIPC); Gratteri, 13.VI.2013, Bellavista M. (BMPC); Monti Sicani: Piana degli Albanesi, 21.VI.1970, Aliquò V. (AVPC); ditto, 14.VI.1981, Sparacio I. (SIPC); ditto 5.VII.1995, Sparacio I. (SIPC), ditto, 20.VI.1998, Sparacio I. (SIPC); ditto, 17.VI.2000, Sparacio I. (SIPC); Palazzo Adriano, 26.VII.2009, Bellavista M. (BMPC); ditto, Valle del Sosio, 16.V.2012, Muscarella C. (MCPC); Dint. Stazione Montemaggiore Belsito, 21.V.2013, Muscarella C. (MCPC), ditto 10.V.2014, Muscarella C. (MCPC); ditto 5.VI.2015, Muscarella C. (MCPC); Caccamo, Monte San Calogero, 10.VI.2015, Muscarella C. (MCPC); Termini Imerese, Foce fiume Torto, 23.V.2014, Muscarella C. (MCPC); Sclafani Bagni, Bosco di Granza, 9.VI.2012, Muscarella C. (MCPC); **Trapani**: San Vito Lo Capo, 12.VI.1982, Aliquò V. (AVPC); ditto, 28.VI.1997, Sparacio I. (SIPC); San Vito lo Capo, Golfo di Cofano, 5.VI.2004, Sparacio I. (SIPC); Castellammare del Golfo, Monte Inici, 21.VII.2010, Bellavista M. (BMPC); Castellammare del Golfo, RNO Zingaro, 23-25.VI.2003, Baviera C. (BCPC); Mazara del Vallo, Gorgi Tondi, 12.VI.2005, Sparacio I. (SIPC); Castelvetro, Foce Belice, 28.VII.2011, Muscarella C. (MCPC); Mazara del Vallo, 01.VI.2014, Ditta A. (FEI); Erice, 23.VI.2010, Barraco L. (FEI)

Notes. One of the most widespread and common Lepturinae of Sicily, also known from Aeolian Islands (Lipari: Cecchi and Lo Cascio (2000); Filicudi: Lo Cascio *et al.* (2006)) never reported before from Trapani, Agrigento, Ragusa and Caltanissetta provinces (Sama 2005). Firstly recorded on *Betula aetnensis* Rafinesque.

Stictoleptura (Stictoleptura) oblongomaculata (Buquet, 1840)

Chorotype - NAF

Host plants - FAG (*Quercus*)

Trophic category - MON

New records - **Messina**: Monti Nebrodi, Biviere di Cesarò, 1200 m a.s.l., 05.VII.2004, Baviera C. (BCPC); Caronia, Monte Pagano 26.VI.2015, Muscarella C. (MCPC); **Catania**: Monti Nebrodi, Randazzo, Bosco del Flascio, 6.VII.2013, Altadonna G. (AGPC); **Palermo**: Madonie, Monte dei Cervi, 1600 m, 23.VII.1980, Sparacio I. (SIPC); Piano Sempria, 1400 m, 3.VII.2010, Bellavista M., (SIPC); Pollina, 26.VI.1987, Sparacio I. (SIPC)

Notes. In Europe this rare species has only been recorded in Sardinia and Sicily. It has been reported in Sicily only from Madonie and Nebrodi (Sama 1988; Sparacio 1992; Sabella and Sparacio 2004; Sama 2005).

Stictoleptura (Melanoleptura) scutellata (Fabricius, 1781)

Chorotype - WME

Host plants - FAG (*Fagus*, *Quercus*, *Castanea*), BET (*Betula*, *Alnus*), COY (*Corylus*, *Carpinus*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, Santo Stefano di Camastra, Monte Trefinaidi, 20.V.2006, Arnone M. (SIPC); Biviere di Cesarò, 10.VI.2001, Turrisi G.F. (TGPC); Caronia, Monte Trefinaidi, 950 m a.s.l., 20/VII/2013, Altadonna G. and Muscarella C. (AGPC); Caronia, Portella Pomiere, 03.VIII.2013, 1450 m a.s.l., Baviera C. and Altadonna G. (BCPC + AGPC); Mistretta, Urlo Quattrocchi, 9.VI.1992, Sparacio I. (SIPC); **Catania**: Etna, Sant'Alfio, Bosco Cerrita, 1500 m a.s.l., 24.VII.2004, Baviera C. (BCPC); ditto, from larvae in *Betula aetnensis*, V.2003 (BCPC); ditto, 15.VI.2004, Baviera C. (BCPC); ditto, 10.VI.2004, Baviera C. (BCPC); **Palermo**: Madonie, Bosco di San Giorgio, 21.VI.2014, Muscarella C. (MCPC); Castelbuono, Piano Pomo, 6.VII.2013, Muscarella C. (MCPC).

Notes. Present in Sicily with the subspecies *S. scutellata melas* (Lucas, 1849), known only from Nebrodi (Medda: Sama and Schurmann 1980) (Mount Soro, San Fratello, Portella Maulazzo: Contarini 2007), Peloritani (Malabotta Wood: Contarini 2007), Etna (Sabella and Sparacio 2004) and Madonie (Sabella and Sparacio 2004; Sama 2005; Rapuzzi and Sama 2006). Firstly recorded on *B. aetnensis*. *S. scutellata melas* is reported as Vulnerable (VU) in the Red List of Italian Saproxyllic Beetles (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015).

Paracorymbia* Miroshnikov, 1998Paracorymbia fulva* (De Geer, 1775)

Chorotype - EUR

Host plants - SAL (*Salix*, *Populus*), PIN (*Pinus*), ACE (*Acer*), FAG (*Quercus*, *Fagus*)

Trophic category - POL

New records - **Messina**: Città, Badiazza, 29.V.2000, Baviera C. (BCPC); Torre Faro Granatari, 10.VI.1995, Baviera C. (BCPC); ditto, 25.V-05.VI.2000, Baviera C. (BCPC); Tremestieri, 15.V.2012, Altadonna G. (AGPC); Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 07.VII.2002, Baviera C. (BCPC); ditto, 19.VI.2004, Baviera C. (BCPC); Musolino, 700 m a.s.l., 04.VI.2000, Baviera C. (BCPC); Bosco di Malabotta, Portella Croce Mancina, Di Trapani E. and Muscarella C. (MCPC); Fiumedinisi, Piano Margi, 850 m a.s.l., 10.VI.2006; Baviera C. (BCPC); Colle San Rizzo, 450 m a.s.l., 08.VI.2014, Altadonna G. (AGPC); Forte Ferraro, 500 m a.s.l., 02.VI.2015, Altadonna G. (AGPC); Monti Nebrodi, Floresta, Sorgente San Giacomo, 1400 m a.s.l., 29.VI.2010, Baviera C. (BCPC); Floresta, Portella Favoscuro, 1256 m a.s.l., 29.VI.2014, Altadonna G. (AGPC); Floresta, Portella Castagnera, 1340 m a.s.l., 29.VI.2014, Altadonna G. (AGPC); Ucria, SS 116, 850 m a.s.l., 29.VI.2014, Altadonna G. (AGPC); Capizzi, 04.VI.1992, Baviera C. (BCPC); Biviere di Cesarò, m 1270, 14.VII.2001, Turrisi G.F. (TGPC); **Catania**: Etna, Sant'Alfio, Bosco Cerrita, 1500 m a.s.l., 02.VIII.2006, Baviera C. (BCPC); Piano Provenzana, 1800 m a.s.l., 02.VIII.2006, Baviera C. (BCPC); Linguaglossa, 13.VI.1996, Costa G. (BSPC); Monte Vetore, 26.VI.1999, Bella S. and Turrisi G.F. (BSPC); Pineta di Ragabo, 3/6.VII.2001, Sparacio I. (SIPC); Adrano, 21.VI.1988, Sparacio I. (SIPC); Zafferana Etnea, Monte Pomiciaro, 5/6.VII.2002, Sparacio I. (SIPC); **Palermo**: Madonie, Pizzo Carbonara, 15.VII.2006, Muscarella C. (MCPC); Isnello, 22.VI.2003, Sparacio I. (SIPC); Piano Torre dint., 23.VI.2013, Brancato A. (FEI)

Notes. Widespread and not rare in Sicily, recorded also from Lipari (Sparacio, Bella, and G. F. Turrisi 2003) previously not recorded from Peloritani, although reported for Alcantara Park (Sabella and Sparacio 2004).

Pachytodes Pic, 1891

Pachytodes erraticus (Dalman, 1817)

Chorotype - TUE

Host plants - FAG (*Quercus*), BET (*Betula*), ACE (*Acer*), COY (*Corylus*), BET (*Betula*), ROS (*Crataegus*, *Prunus*) (in roots)

Trophic category - POL

New records - **Messina:** Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 19.VI.2004, Baviera C. (BCPC); Montalbano Elicona, Bosco di Malabotta, 23.VI.2006, Baviera C. (BCPC); ditto, 03.VII.2014, Baviera C. (BCPC); ditto, Monte Croce Mancina, 1341 m a.s.l., 11.VII.2015, Altadonna G. (AGPC); Montalbano Elicona, Sorgenti Melizzo, 1089 m a.s.l., 11.VII.2015, Altadonna G. (AGPC); ditto, 21.VI.2011, Di Trapani E. and Muscarella C. (MCPC); Monte Scuderi, Contrada Ferrera, 7.VII.1995, Bella S. (BSPC); Fiumedinisi, Piano Margi, 850 m a.s.l., 10.VI.2006, Baviera C. (BCPC); Monti Nebrodi, Strada tra Caronia e Capizzi, 18.VI.2010, Bellavista M. (BMPC); Biviere di Cesarò, 02.VII.2005, Baviera C. (BCPC); Monte Soro, 1800 m a.s.l.03.VII.1992, Baviera C. (BCPC); San Fratello, 1300 m a.s.l., 23.VI.2001, Baviera C. (BCPC) ditto, 9.VI.1982, Sparacio I. (SIPC); Ucria, SS116, 850 m a.s.l., 29.VI.2014, Altadonna G. (AGPC); Località Muto, 18.VI.1982, Bellavista M. (MCBC); Mistretta, Urìo Quattrocchi, 9.VI.1992, Sparacio I. (SIPC); Capizzi, Serro Pomieri, 1544 m a.s.l., 03.VIII.2013, Baviera C. (BCPC); Cesarò, Portella Buffali, 21.VI.1992, Turrisi G.F. (TGPC); ditto, 23.VI.1999, Bella S. (BSPC); Caronia, Portella Pomiere, 1450 m a.s.l., 3.VIII.2013, Altadonna G. and Baviera C. (AGPC); Caronia, Portella dell'Obolo, 1503 m a.s.l., 3.VIII.2013, Altadonna G. and Baviera C. (AGPC); Pettineo, Piano d'Olmo, 700 m a.s.l., 28.VI.2016, Altadonna G. (AGPC); Cesarò, 18.VI.2016, Capici S. (FEI); **Catania:** Etna, Maletto, Fontanamurata, 7.VII.1996, Turrisi G.F. (TGPC); ditto, 28.VI.1998, Turrisi G.F. (TGPC); **Palermo:** Madonie, Piano Sempria, 1400 m, 23.VI.1984, Sparacio I. (SIPC); ditto, 3.VII.1999, Sparacio I. (SIPC); ditto 3.VII.1983, Muscarella C. (MCBC); ditto, 3.VII.2010, Bellavista M. (BMPC); Torre Montaspro, 800 m, 27.VI.1992, Sparacio I. (SIPC); Geraci Siculo, Bosco Sugheri 650 m., 10.VI.2007, Arnone M., Sparacio I. (SIPC); Piano Battaglia, 1400 m, 12.VI.2003, Sparacio I. (SIPC); Fiume Pollina, 18.VI.1981, Bellavista M. (MCBC); Gibilmanna, 6.VI.2013, Muscarella C. (MCPC); ditto, 6.VI.2013, Muscarella C. (MCPC); ditto, 2.VII.2014, Baragona A. and Muscarella C. (MCPC); ditto, 15.VI.2016, Muscarella C. (MCPC); Bosco di San Giorgio, 21.VI.2014, Muscarella C. (MCPC).

Notes. Widespread and common in Sicily, recorded from Sicani, Madonie, Nebrodi, Etna and Peloritani (Sabella and Sparacio 2004; Sama 2005; Rapuzzi and Sama 2006).

Alosterna Mulsant, 1863

Alosterna tabacicolor (DeGeer, 1775)

Chorotype - SIE

Host plants - FAG (*Quercus*), ACE (*Acer*), BET (*Betula*), COY (*Corylus*, *Carpinus*), ULM (*Ulmus*), SAL (*Salix*), PIN (*Pinus*)

Trophic category - POL

Notes. Rare in Southern Italy and Sicily. Reported from Sicily only by Ragusa (1924), and recently confirmed from Madonie, Nebrodi (Rapuzzi and Sama 2006) and Sicani (Ficuzza woods: La Mantia *et al.* (2010).

Pseudovadonia Lobanov, Danilevsky, and Murzin, 1981

Pseudovadonia livida (Fabricius, 1777)

Chorotype - SIE

Host plants - larvae in the soil on saprophytic fungi (*Marasmius* spp.) (Burakowski 1979); [SAL (*Salix*) (Kovacs and Hegyessy 1995)]

Trophic category - MON ?

New records - **Messina:** Granatari, 20.IV.1989, Baviera C. (BCPC); Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 19.VI.2004, Baviera C. (BCPC); ditto, 11.VI.1995, Baviera C. (BCPC); Monte Scuderi, Contrada Ferrera, 7.VII.1995, Bella S. (BSPC); Novara di Sicilia, 10.VI.1988, Sparacio I. (SIPC); Saponara, 16.V.2010, Camino F. (FEI); Montalbano Elicona, Sorgenti Melizzo, 1089 m a.s.l., 11.VII.2015, Altadonna G. (AGPC); Monti Nebrodi, Biviere di Cesarò, 02.VII.2005, Baviera C. (BCPC); ditto, 24.VI.2006 Baviera C. (BCPC); ditto, 10.VI.2001, Bella S. (BSPC); Lago Trearie, 1435 m a.s.l., 02.VII.2005, Baviera C. (BCPC); Mistretta, Urlo Quattrocchi, 10.VI.1993, Sparacio I. (SIPC); Bosco di Mangalaviti, 27.VI.2013, Muscarella C. (MCPC); Ficarra, Monte Santa Rosalia, 820 m a.s.l., 12.VII.2015, Altadonna G. (AGPC); **Catania:** Etna, Rifugio Brunek, 20.VI.2006, Baviera C. (BCPC); Ragalna, Contrada Milia, VI.2000, Bella S. (BSPC); Valle San Giacomo, 10.VI.1996, Bella S. (BSPC); Nicolosi, 17.VI.1996, Bella S. (BSPC); Belpasso, 750 m, 15.VI.2011, Reitano A. (FEI); Maletto, 12.VI.2013, Muscarella C. (MCPC); **Palermo:** Piana degli Albanesi, 2.VII.1995, Sparacio I. (SIPC); Madonie, Torre Montaspro, 800 m, 07.VI.1981, Sparacio I. (SIPC); Piano Sempria, 1400 m, 23.VI.1984, Sparacio I. (SIPC); Bosco di San Giorgio, 21.VI.2014, Muscarella C. (MCPC)

Notes. Widespread and common, recorded in Sicily from Sicani, Madonie, Nebrodi, Peloritani and Etna (Sama 2005).

Rutpela Nakane and Ohbayashi, 1957

Rutpela maculata (Poda, 1761)

Chorotype - TUE

Host plants - SAL (*Salix*, *Populus*), FAG (*Fagus*, *Castanea*, *Quercus*), BET (*Alnus*, *Betula*), ROS (*Crataegus*), COY (*Corylus*, *Carpinus*), CEL (*Euonymus*), FAB (*Cytisus*, *Sarothamnus*), OLE (*Fraxinus*), CAF (*Sambucus*), PIN (*Pinus*, *Picea*, *Abies*)

Trophic category - POL

New records - **Messina:** Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 27.VI.1997, Baviera C. (BCPC); Musolino, 700 m a.s.l., 06.VII.2002, Baviera C. (BCPC); Montalbano Elicona, Bosco di Malabotta, 23.VI.2006, Baviera C. (BCPC); Monti Nebrodi, Biviere di Cesarò, 1270 m a.s.l., 03.VII.1999, Baviera C. (BCPC); ditto, 14.VII.2001, Bella S. and Turrisi G.F. (BSPC); Monte Soro, 1500 m a.s.l., in *Fagus* sp., 10.VI.2004, Baviera C. (BCPC); ditto, 5.VII.1981, Bellavista M. (MCBC); ditto, 23.VI.1999, Turrisi G.F. (TGPC); Bosco di Mangalaviti, 3 IX.2013, Muscarella C. (MCPC); Capizzi, Serro Pomieri, 1544 m a.s.l., 03.VIII.2013, Baviera C. and Altadonna G. (BCPC+AGPC); Capizzi, 07.VIII.1992, Baviera C. (BCPC); Tra Caronia e Capizzi, 18.VI.1998, Bellavista M. (MCBC); Caronia, Portella Pomiere, 1450 m a.s.l., 3.VIII.2013, Altadonna G., Baviera C. (BCPC + AGPC); Caronia, Portella dell'Obolo, 1503 m a.s.l., 3.VIII.2013, Altadonna G., Baviera C. (BCPC + AGPC); ditto, 5.VIII.2012, Altadonna G. (AGPC); Caronia, c.da Moglia, 1460 m s.l.m., 10.VIII.2016, Altadonna G and Capici S. (AGPC); **Catania:** Etna, Rifugio Citelli, 1750 m a.s.l., 29.VII.2015, Baviera C.

(BCPC); Linguaglossa, Pineta di Ragabo, 1600 m, 3/6.VII.2001, Sparacio I. (SIPC); Zafferana Etnea, Monte Pomiciaro, 5/6.VII.2002, Sparacio I. (SIPC); Etna, Milo, Casa Pietracannone, 25.VIII.1996, Bella S. (BSPC); **Palermo**: Madonie, Piano Sempria, 3.VII.2000, Bellavista M. (MCBC); Gibilmanna, 26.VI.1999, Sparacio I. (SIPC); ditto, 23.VI.2002, Sparacio I. (SIPC); ditto, 13.VI.2012, Muscarella C. (MCPC); ditto, 6.VI.2013, Muscarella C. (MCPC)

Notes. This species is present in Calabria and Sicily with the subspecies *R. maculata manca* Schaufuss, 1863 (= *Strangalia armata* var. *nigricornis* Stierlin, 1864) also present in Corsica, many European countries and Turkey (Danilevsky 2012, 2016a,b). A study based on an integrative taxonomic approach, could allow to obtain a better knowledge of the real taxonomic value of *R. maculata* populations from Europe and North Africa. In Sicily this taxon, widespread and common, is newly recorded from eastern Peloritani.

Stenurella Villiers, 1974

Stenurella (Priscostenurella) bifasciata (O. F. Müller, 1776)

Chorotype - SIE

Host plants - FAB (*Spartium*), MOR (*Ficus*), ULM (*Ulmus*), FAG (*Quercus*), ROS (*Rosa*), PIN (*Pinus*)

Trophic category - POL

New records - **Messina**: Zafferaria, contrada Maddalena, 220 m a.s.l., 13.V.2012, Altadonna G. (AGPC); Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 27.VI.1997, Baviera C. (BCPC); ditto, 19.VI.2004, Baviera C. (BCPC); Torre Faro, contrada Granatari, 26.IV.1989, Baviera C. (BCPC); ditto, 25.V-05.VI.2000, Baviera C. (BCPC); ditto 18-23.V.2000 (BCPC); Città, Forte San Jachiddu, 400 m a.s.l., 29.V.2011, Baviera C. (BCPC); Musolino, 700 m a.s.l., 06.VII.2002, Baviera C. (BCPC); Fiumedinisi, Piano Margi, 850 m a.s.l., 10.VI.2006; Baviera C. (BCPC); Montalbano Elicona, Sorgenti Melizzo, 1089 m a.s.l., 11.VII.2015, Altadonna G. (AGPC); Monti Nebrodi, Floresta, 13.VIII.2002, Baviera C. (BCPC); Località Muto, 5.VII.1981, Bellavista M. (MCBC); Monte Trefinaidi, 7.VIII.2006, Muscarella C. (MCPC); Santa Domenica Vittoria, Poggio Rotondo, 1215m a.s.l., 23.VI.2013, Altadonna G. (AGPC); Ucria, SS 116, 850 m a.s.l., 29.VI.2014, Altadonna G. (AGPC); Pettineo, Abbeveratorio, 742 m a.s.l., 4.VII.2015 Altadonna G. (AGPC); Pettineo, Piano d'Olmo, 620 m a.s.l., 4.VII.2015, Altadonna G. (AGPC); Ficarra, Monte Santa Rosalia, 820 m a.s.l., 12.VII.2015, Altadonna G. (AGPC); Monte Soro, 1600 m, 15.VII.1981, Sparacio I. (SIPC); Capizzi, Serro Pomieri, 1544 m a.s.l., 03.VIII.2013, Baviera C. (BCPC); Cesarò, Colle Finocchio, 1143 m a.s.l., 6.VII.2014, Altadonna G. (AGPC); Portella di Femmina Morta, 1524 m s.l.m., 13.VII.2013, Altadonna G. (AGPC); Tra Caronia e Capizzi, 18.VI.1998, Bellavista M. (MCBC); Cesarò, 18.VI.2016, Capici S. (FEI); **Catania**: Castiglione di Sicilia, Fiume Alcantara, Cuba Bizantina, 19.V.2010, Baviera C. (BCPC); Nicolosi, Via Catania, 1120 m s.l.m., 16.VII.2014, Altadonna G. (AGPC); Contrada Primosole, 11.VI.1996, Turrisi G.F. (TGPC); Bronte, 31.V.2000, Bella S. (BSPC); Bronte, Monte Palestra, m 1900, 24.VIII.1996, Turrisi G.F. (TGPC); Massannunziata, 12.V.2000, Bella S. (BSPC); Caltagirone, Bosco di Santo Pietro, 25.V.1985, Sparacio I. (SIPC); Etna, Rifugio Brunek, 1500 m a.s.l., 20.VI.2006, Baviera C. (BCPC); Piano Provenzana, 1800 m a.s.l., 23.VI.2001, Baviera C. (BCPC); Versante Sud, strada per Rifugio Sapienza 1500 m, 6.VII.2002, Sparacio I. (SIPC); Maletto, Fontanamurata, 29.VI.1996, Turrisi G.F. (TGPC); ditto, 28.VI.1998, Turrisi G.F. (TGPC); Milo, Casa Pietracannone, 8.VIII.1996, Turrisi G.F. (TGPC); Fiume Vizzini, Contrada Rubalá, 30.V.1999, Bella S. (BSPC); **Caltanissetta**: Bosco di Niscemi, 20.V.1982, Sparacio I. (SIPC); ditto, 25.V.1985, Sparacio I. (SIPC); **Palermo**: Monte Sant'Onofrio, 14.VI.2001, Sparacio I. (SIPC); Foci Fiume Pollina, 20.V.1981, Sparacio I. (SIPC); Madonie, Monte dei Cervi, 1600 m, 23.VII.1980, Sparacio I. (SIPC); Torre Montaspro, 800 m, 23.VII.1980, Sparacio I. (SIPC); ditto, 4.VII.1995, Sparacio I. (SIPC); ditto, 27.VI.1992, Sparacio I. (SIPC); Petralia Sottana, 17.VII.2006, Muscarella C. (MCPC); Piano Sempria, 3.VII.2000, Bellavista

M. (MCBC); Petralia Sottana, 12.VII.1994, Sparacio I. (SIPC); Monti Sicani, Piana degli Albanesi, 2.VII.1995, Sparacio I. (SIPC); ditto, Portella del Garrone 6.VI.2006, Muscarella C. (MCPC)

Notes. Widespread in Sicily, previously recorded from Sicani, Madonie, Nebrodi and Etna (Sama 2005), newly recorded from Peloritani, Caltanissetta and Ragusa provinces.

Stenurella (Nigrostenurella) nigra Linnaeus, 1758

Chorotype - TUE

Host plants - BET (*Betula*), COY (*Corylus*), ROS (*Rosa*), FAG (*Quercus*)

Trophic category - POL

Notes. In Sicily it has been reported only from Vulcano (Cecchi and Lo Cascio 2000).

SPONDYLIDINAE Audinet-Serville, 1832

Spondylidini Audinet-Serville, 1832

Spondylis Fabricius, 1775

Spondylis buprestoides (Schrank, 1781)

Chorotype - ASE

Host plants - PIN (*Pinus*, *Abies*, *Picea*, *Larix*)

Trophic category - POL

New records - **Messina:** Monti Peloritani, Musolino, 700 m a.s.l., 06.VII.2002, Baviera C. (BCPC); Monti Nebrodi, Floresta, 19.VII.2016, resti su *Pinus*, Muscarella C. (MCPC); **Catania:** Etna, Rifugio Brunek, 1500 m a.s.l., 20.VI.2006, Baviera C. (BCPC); Piano Provenzana, 1800 m a.s.l., 19.VIII.2004, Baviera C. (BCPC); ditto, 08.VIII.2005, Baviera C. (BCPC); ditto, 05.VIII.2009, Baviera C. (BCPC); Sant'Alfio, Bosco Cerrita, 1500 m a.s.l., 16.VI-24.IX.2003, Baviera C. (BCPC); Bosco Ragabo, 31.VIII.1996, Bella S. (BSPC); ditto, 25-30.VII.1998, Bella S. (BSPC)

Notes. Rare in Sicily, widespread on Etna (Gulli 1961; Demelt 1963; Aliquò and Mignani 1970; Sparacio 1999; Sapuppo 2002; Sabella and Sparacio 2004), but only one record from Peloritani (Portella Mandrazzi: Sama and Schurmann (1980) and Sama (2005)). Newly recorded from Nebrodi.

Nothorhinini Zagaikevich, 1991

Nothorhina Redtenbacher, 1845

Nothorhina punctata Fabricius, 1798

Chorotype - ASE

Host plants - PIN (*Pinus*)

Trophic category - MON

Notes. Very rare in mainland Italy, only recently recorded from Sicily, on Etna Mount on *Pinus nigra calabrica* (Baviera, Bella, and G. Turrisi 2005; Baviera 2006; Rapuzzi and Sama 2006). *Nothorhina punctata* is reported as Critically Endangered (CR) in the Red List of Italian Saproxylic Beetles (sub *N. muricata* Dalman, 1817) (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015).

Asemini Zagaikevich, 1991***Asemum* Eschscholtz, 1830***Asemum tenuicorne* Kraatz, 1879

Chorotype - EEU

Host plants - PIN (*Pinus*)

Trophic category - MON

Notes. Recently recorded from mainland Italy (Sama and Bocchini 2003), and from Sicily: Etna on *Pinus nigra calabrica* (sub *A. striatum* (Linnaeus, 1758): Sparacio, Bella, and G. F. Turrisi (2003) later confirmed (Baviera, Bella, and G. Turrisi 2005).

Arhopalus* Audinet-Serville, 1834Arhopalus ferus* (Mulsant, 1839)

Chorotype - PAL

Host plants - PIN (*Pinus*, *Picea*, *Abies*, *Larix*)

Trophic category - POL

New records - **Messina:** Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 07.VII.2002, Baviera C. (BCPC); ditto, 13.VIII.2004, Baviera C. (BCPC); Musolino, 1000 m a.s.l., 06.VIII.2002, Baviera C. (BCPC); Portella Mandrazzi, 16.VIII.1997, Baviera C. (BCPC), Massa San Giorgio, 30.VI.2002, Baviera C. (BCPC); **Catania:** Etna, Piano Vetore, 5.IX.1995, Bella S. (BSPC); ditto, 26.VII.1997, Bella S. (BSPC); ditto, 4.IX.97, Bella S. (BSPC); Bosco Ragabo, 1700 m a.s.l., X.1996, Costa G. (BSPC); ditto, 10.VI.1995, Costa G. (BSPC); ditto, 17.VIII.1999, Bella S. (BSPC); **Agrigento:** Siciliana, Torre Salsa, Valle Pantano, 5.VII.1996, Bella S. (BSPC); Sciacca, Torre Makauda, 24.VII.1987, Sparacio I. (SIPC); **Palermo:** Sferracavallo, 26.VI.1979, Sparacio I. (SIPC); ditto, 8.IX.1980, Sparacio I. (SIPC); Balestrate presso T. Cataldo, ex *Pinus*, 20.V/9.VI-20.VII.1980, Sparacio I. (SIPC); Montelepre, Sagana, 22.VII.1992, Sparacio I. (SIPC); San Martino delle Scale, VII.2002, Bellavista M. (MCBC); Madonie, Piano Battaglia, 1570 m a.s.l., 15.VII.2016, Baviera C. (BCPC); **Trapani:** Mazara del Vallo, Viale Africa, 7.VIII.2013, Castelli D. (FEI); San.Vito lo Capo, 11.VII.2008, Muscarella C. (MCPC); Isole Egadi, Marettimo, Pineta nord abitato, sotto corteccia *Pinus*, Muscarella C. (MCPC).

Notes. Probably this is the most common species of the genus *Arhopalus* in Sicily, previously reported from Trapani and Palermo provinces and also from Etna (sub *A. tristis*, Demelt, 1963) (Parenti 1966; Aliquò and Mignani 1970; Ratti 1987; Sama 1988; Sapuppo 2002); only recently recorded from Vulcano (Lo Cascio *et al.* 2006). Newly recorded from Peloritani, Marettimo and Agrigento province.

Arhopalus rusticus (Linnaeus, 1758)

Chorotype - OLA

Host plants - PIN (*Pinus*, *Picea*, *Abies*)

Trophic category - OLI

New records - **Catania:** Etna, Piano Provenzana, 1800 m a.s.l., 02.VIII.2006, Baviera C. (BCPC); ditto, 3/6.VII.2001, Sparacio I. (SIPC); Pineta di Linguaglossa, ex *Pinus laricio*, 27.VII.1981, Sparacio I. (SIPC); Pineta di Ragabo, 1800 m, 3/6.VII.2001, Sparacio I. (SIPC); ditto, 22.VIII.1998, Sparacio I. (SIPC); ditto, 25.VII.1998, Bella S. (BSPC); ditto, 18.VIII.2002, Bella S. (BSPC).

Notes. A montane species currently known in Sicily only from Etna (Sama 2005). Recently reported from Levanzo on *Pinus halepensis* (Sidoti and Colletti 2005).

***Cephalocrius* Sharp, 1905**

Cephalocrius syriacus (Reitter, 1895)

Chorotype - MED

Host plants - PIN (*Pinus*)

Trophic category - MON

New records - **Messina:** Annunziata, 02.IX.2010, light trap, Infusino M.; Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 07.VII.2002, Baviera C. (BCPC); ditto, 25.IX.2005, Baviera C. (BCPC); Massa San Giorgio, 30.VI.2002, Baviera C. (BCPC); ditto 12.VII.2010, light trap, Infusino M. (BCPC); Massa San Giovanni, Campo Italia, 350 m a.s.l., 12.VI.2010, in light trap, Infusino M. (BCPC); Portella Mandrazzi, 16.VIII.1997, Baviera C. (BCPC); Isole Eolie, Vulcano Piano, 24–29.VII.2001, Baviera C. (BCPC); **Palermo:** Sferracavallo, Raffo Rosso, 15.VIII.1982, Sparacio I. (SIPC).

Notes. Considered as rare in Sicily, it has been recorded only (sub *Arhopalus syriacus*) from Mount Pellegrino (Palermo) (Sama 2005), Bosco di Santo Pietro (Catania) (Sidoti and Colletti 2006) and Levanzo (Sidoti and Colletti 2005). Records listed above are the first from eastern Sicily, Peloritani and Aeolian Islands.

Saphanini Gistel, 1848

***Oxypleurus* Mulsant, 1839**

Oxypleurus nodieri Mulsant, 1839

Chorotype - MED

Host plants - PIN (*Pinus*)

Trophic category - MON

Notes. Very rare in mainland Italy, confirmed from Sicily only 100 years after the first record (Messina: Bertolini (1899)) with two specimens collected in Messina, Torre Faro, Granatari (Baviera 1999). Recently reported from Etna, reared from *Pinus nigra calabrica* (Rapuzzi and Sama 2006). *Oxypleurus nodieri* is reported as Vulnerable (VU) in the Red List of Italian Saproxylous Beetles (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015).

Anisarthrini Mamaev and Danilevsky, 1973

***Schurmannia* Sama, 1979**

Schurmannia sicula Sama, 1979

Chorotype - SICI

Host plants - ACE (*Acer*), FAG (*Quercus*)

Trophic category - OLI

Notes. Very rare Sicilian endemic genus and species, currently known only from Madonie (Sama 1979; Sama and Schurmann 1980; Sama 1988; Sabella and Sparacio 2004; Sama

2005). *Schurmannia sicula* is reported as Critically Endangered (CR) in the Red List of Italian Saproxyllic Beetles (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015).

CERAMBYCINAE Latreille, 1802

Phoracanthini Newman, 1840

Phoracantha Newman, 1840

Phoracantha semipunctata (Fabricius, 1775)

Chorotype - COS

Host plants - MYR (*Eucalyptus*)

Trophic category - MON

New records - **Catania**: Contrada Torre Allegra, foce del Fiume Simeto, 25.VII.1999, Bella S. (BSPC); Etna, San Gregorio di Catania, Contrada Cerza, 4.IX.1992, Bella S. (BSPC); Linguaglossa, Bosco Ragabo, 10.X.1995, Costa G. (BSPC); **Caltanissetta**: Sutera, 16/30.8.1996, Raimondi P. (SIPC); **Agrigento**: Porto Palo di Menfi, VIII.2009, La Mantia T. (SIPC); **Palermo**: Cruillas, 30.VII.1998, Aliquò V. (AVPC); Madonie, Gratteri, VIII.2004, Aliquò V. (AVPC).

Notes. It represents an allochthonous species, introduced since long time in Sicily (Trapani province, M. Romano and Carapezza (1975)); it is nowday widespread in Sicily (Palermo, Trapani, Caltanissetta, Ragusa, Enna, Catania), overlapping the distribution of *Eucalyptus* trees in Sicily. It has been also recorded from Ustica and Salina Islands (Sparacio 1992; Sama 2005; Lo Cascio *et al.* 2006). Newly recorded from Agrigento province.

Phoracantha recurva Newman, 1840

Chorotype - COS

Host plants - MYR (*Eucalyptus*)

Trophic category - MON

New records - **Messina**: Torre Faro, Granatari, 27.III.2009, Baviera C. (BCPC); Faro Superiore, Sperone, 29.XI.2009, Baviera C. (BCPC); Rodia, 19.II.2016, Cateni V. (oss. pers.) **Catania**: Piedimonte Etneo, Presa, 26.VIII.2011, Muscarella C. (MCPC); **Caltanissetta**: Ponte Cinque Archi, 17.III.2011, Deiacò C. (FEI); **Palermo**: Dint. Stazione Montemaggiore Belsito, 21.V.2013, Muscarella C. (MCPC); Madonie, Bosco sopra Piano Battaglia 1700 m, VII.2007, Aliquò V. (AVPC); Sicani, Bosco Ficuzza, 17.VI.2011, Muscarella C. (MCPC); **Trapani**: Lago Rubino, 6.IV.2008, Sparacio I. (SIPC); Monte Inici, 12.VI.2009, Sparacio I. (SIPC); Isole Egadi, Marettimo, VI.2016, su catasta di *Eucalyptus* V. Vaccaro, (MCPC)

Notes. Like the congeneric species, it is an allochthonous Australian taxon, recently established and currently expanding in Sicily. In mainland Italy it was first recorded in 1992 in Calabria (Palmeri and Campolo 2006) and later reported in Apulia near Le Cesine (Lecce) (Sama and Bocchini 2003) and Sardinia (Cillo, Leo, and Sechi 2006). In 2005, *P. recurva* was also found in Sicily in Enna province (Piazza Armerina), and later (2006) in Sicani (Ficuzza woods: M. Romano 2007; La Mantia *et al.* 2010) and Trapani province (Mazzeo and Siscaro 2007; M. Romano 2007), in Lampedusa (Pisciotta, Sajeve, and Sparacio 2008) and Vulcano (Lo Cascio 2009). Based on the observations on the biology it seems to be more invasive than *P. semipunctata*. Specimens collected in early spring and autumn probably confirm the presence in Sicily of a second generation as expected by M. Romano (2007) from Malta (a specimens observed on January by Mifsud (2002)) and verified for *P.*

semipunctata in Tunisia (Cavalcallese, 1980). We record here this genus for the first time in Messina province mainland and in Egadi Archipelago.

Hesperophanini Mulsant, 1839

***Hesperophanes* Dejean, 1835**

Hesperophanes sericeus (Fabricius, 1787)

Chorotype - MED

Host plants - MOR (*Ficus*), ANA (*Pistacia*), JUG (*Juglans*), OLE (*Olea*), VIT (*Vitis*), FAG (*Quercus*), PLA (*Platanus*), CES (*Ceratonia*), RHA (*Paliurus*), ROS (*Prunus*); CHE (*Halocnemum*)

Trophic category - POL

New records - **Messina:** Monti Nebrodi, Caronia, 3.X.1993, F. Lo Valvo F. (SIPC); **Catania:** Castiglione di Sicilia, 01.VIII.1990, ex larva in *Quercus* del 26.IV.1990, Turrisi G.F. (TGPC); Etna, Linguaglossa, Bosco Ragabo, 9.VII.1996, Costa G. (BSPC); ditto, 31.VIII.1996, Bella S. (BSPC); ditto, X.1996, Costa G. (BSPC); Linguaglossa, 19.IX.1995, Costa G. (BSPC); ditto, 21.IX.1992, Costa G. (BSPC); ditto, 1-10.X.1995, Costa G. (BSPC); Milo, 22.VIII.1991, Bella S. (BSPC); ditto, 1.IX.1993, Russo P. (BSPC); Belpasso, Piano Tavola, 6.IX.1996, in *P. terebinthus*, Turrisi G.F. (TGPC); Maletto, 19.VII.2002, Turrisi (TGPC); Contrada Cerza, 30.VIII.2000, Bella S. (BSPC); Piana di Catania, Vaccarizzo, 25.VIII.1998, Pulvirenti I. (BSPC); **Palermo:** Città, 9.IX.1978, Sparacio I. (SIPC); ditto, 13.IX.1988, Sparacio I. (SIPC); 20.VI.1989, ditto, Sparacio I. (SIPC); Pagliarelli, 7.IX.1996, Sparacio I. (SIPS); Terrasini, 12.VIII.1980, Sparacio I. (SIPC); Caccamo, San Giovanni, 27.VII.2011, Muscarella C. (MCPC); Madonie, Cefalù, 800m, 18.VII.2010, Cicero G. (FED); Gratteri, 26.II.2003, Sparacio I. (SIPC); Polizzi Generosa, 14.VIII.2001, Sparacio I. (SIPC); ditto, VII.2000, Vitturi R. (SIPC).

Notes. Uncommon in Sicily, known from Madonie, Nebrodi, Peloritani (Sama and Schurmann 1980; Sama 2005), Sicani (Ficuzza woods: La Mantia *et al.* (2010)) and Bosco di Santo Pietro (Catania) (Sidoti and Colletti 2006). Also recorded from Pantelleria Island (M. Romano and Sparacio 1995). Newly recorded from Etna.

***Trichoferus* Wollaston, 1854**

Trichoferus fasciculatus (Faldermann, 1837)

Chorotype - TUM

Host plants - CES (*Ceratonia*), ANA (*Pistacia*, *Rhus*), MIM (*Acacia*), FAB (*Robinia*, *Spartium*, *Coronilla*, *Colutea*, *Cytisus*, *Anthyllis*, *Acacia*), FAG (*Quercus*, *Castanea*), ACE (*Acer*), ROS (*Prunus*, *Rubus*, *Sorbus*), JUG (*Juglans*), RHA (*Paliurus*, *Ziziphus*), MOR (*Morus*, *Ficus*), APO (*Nerium*), ULM (*Ulmus*), PUN (*Punica*), MYR (*Eucalyptus*), PIN (*Pinus*, *Cedrus*), TAX (*Taxus*), CUP (*Cupressus*)

Trophic category - POL

New records - **Messina:** Torre Faro, Granatari, 20.XII.1992, Baviera C. (BCPC); ditto, 20.VI.1993, Baviera C. (BCPC); ditto, 08.VIII.1997, Baviera C. (BCPC); ditto, 10.VII.2003, Baviera C. (BCPC); Faro Superiore, Tono, 07.VIII.2010, light trap, Infusino M. (BCPC); Patti, RNO Laghetti di Marinello, 23.VII.2008, at light, Baviera C. (BCPC); Zafferia, Maddalena, 05-19.VII.2011, Trappola a vino e frutta su *Quercus* sp., Altadonna G. (AGPC); **Catania:** Linguaglossa, 14.VIII.1996, Costa G. (BSPC); ditto, 4.IX.1995, Costa G. (BSPC); Caltagirone, Bosco di Santo Pietro, 20.VI.1987, Sparacio I. (SIPC); Aci Bonaccorsi, 20.VII.1996, ex larva 20.II.1996, in *Pyrus* cv, Bella S. (BSPC); San Gregorio di Catania, 8.VII.1996, ex larva in *Quercus* sp., Bella S. (BSPC); Catania, San Nullo, VIII.1996, ex larva 18.IV.1996, in *Ficus carica*, Turrisi G.F. (TGPC); ditto, VI.1994, Turrisi G.F. (TGPC); I.1994,

in *Prunus* sp., Scuderi L. (TGPC); ditto, in *P. terebinthus*, 23.VII.2002, Turrisi G.F. (TGBSPC); Etna, Massannunziata, 15.VI.1996, in *Pistacia terebinthus*, Bella S. (BSPC); Belpasso, Timpazza, VII.2001, ex larva in *Quercus* sp., Turrisi G.F. (TGPC); Pedara, Contrada Quercia di Chiodo, VIII.1999, ex larva in *Ficus carica*, Turrisi G.F. (TGPC); Contrada Cerza, 25.VII.2001, Bella S. (BSPC); ditto, 14.VIII.1997, Bella S. (BSPC); Aci Sant'Antonio, Santa Maria La Stella, 21.VI.1996, Bella S. (BSPC); **Ragusa**: Vittoria, 25.VI.1989, Sparacio I. (SIPC); **Siracusa**: Pachino, Pantano Longarini, 6.VIII.1992, Bella S. (BSPC); Portopalo di Capo Passero, Capo Isola delle Correnti, 7.VII.1991, Bella S. (BSPC); **Palermo**: Città, 19.VII.1983, Sparacio I. (SIPC); Pagliarelli, 6.VII.1981, Bellavista M. (MCBC); ditto, 26.VI.1981, Sparacio I. (SIPC); Borgo Ulivia, 10.VII.1981, Sparacio I. (SIPC); Orto Botanico, primavera 1979, Zagra M. (SIPC); Giacalone, 27.VI.1983, Bellavista M. (MCBC); Monreale, 13.VII.1986, Bellavista M. (MCBC); Carini, 7.VIII.1979, Sparacio I. (SIPC); ditto, 15.VII.1983 Sparacio I. (SIPC); Monte Pellegrino, Addaura, 12.VII.2011, Brancato A. (FED); Madonie, Petralia Sottana, 30.VI.1985, Sparacio I. (SIPC); Monti Sicani, Palazzo Adriano, 8.VIII.2009, M. Bellavista (SIPC); **Trapani**: Isole Egadi, Marettimo, 16-18.IV.2006, ex larva in *Prunus*, Baviera C. (BCPC); ditto, Case Romane, 30.VII.2013, Muscarella C. (MCPC)

Notes. One of the most polyphagous, widespread and common longhorn beetle species in mainland Italy and Sicily (Sama 2005). Reported from Lampedusa and Linosa (M. Romano and Sparacio 1995), and from Lipari (Cecchi and Lo Cascio 2000) and Salina (Sparacio, Bella, and G. F. Turrisi 2003). Previously not recorded from Peloritani, Egadi Islands and Ragusa province.

Trichoferus griseus (Fabricius, 1792)

Chorotype - MED

Host plants - MOR (*Ficus*), ANA (*Pistacia*), ROS (*Rosa*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Castoreale, Fossa neve, pit-fall trap, 14.VI-03-VII, 2013, Valenti V. (BCPC); Isole Eolie, Stromboli, VI.2006, ex larva in *Ficus carica*, Baviera C. (BCPC); **Agrigento**: Sambuca di Sicilia, Lago Arancio, 29.VI.1995, Sparacio I. (SIPC).

Notes. Widespread and common in mainland Italy and Sicily (Sama 2005). Recently reported from Bosco di Santo Pietro (Catania) (Sidoti and Colletti 2006). Previously not recorded from Peloritani and Aeolian Islands.

Trichoferus spartii (G. Müller, 1948)

Chorotype - EEU

Host plants - FAB (*Spartium*)

Trophic category - MON

Notes. Widespread but uncommon in mainland Italy; in Sicily it is known only from Aeolian Archipelago (Biscaccianti 2003; Sama 2005).

Trichoferus holosericeus (Rossi, 1790)

Chorotype - MED

Host plants - FAG (*Quercus*, *Castanea*, *Fagus*), ANA (*Pistacia*), MOR (*Ficus*), ROS (*Prunus*), JUG (*Juglans*), COY (*Ostrya*), ULM (*Ulmus*), FAB (*Robinia*), SAL (*Salix*, *Populus*), RUT (*Citrus*), BET (*Alnus*, *Betula*)

Trophic category - POL

New records - **Catania**: Piana di Catania, Belpasso, Contrada Pescheria, 25 m a.s.l., 3.I sfarf.

14.VII.2015, Altadonna G. in *Citrus* (AGPC); Belpasso, Timpazza, 28.VI.2001, ex larva 11.II.2001, in *Q. virgiliana*, Turrisi G.F. (TGPC); Etna, Zafferana etnea, 1000 m a.s.l., 20.V.2010, Reitano A. (FEI); Linguaglossa, 9.VII.1996, Costa G. (BSPC); ditto, 11.VII.1998, Costa G. (BSPC); ditto, 28.VI.1995, Costa G. (BSPC); ditto, 19.IX.1995, Costa G. (BSPC); Bosco di Milo, m 700, 18.VII.1996, Russo P. (BSPC); Milo, Casa Pietracannone, 25.VIII.1996, Bella S. (BSPC); Massannunziata, 6-18.VI.1996, ex larva in *P. terebinthus*, Bella S. (BSPC); ditto, VII.1997, Bella S. (BSPC); **Siracusa**: Melilli, 20.VIII.2010, Reitano A. (FEI); ditto, 10.VII.2010 (FEI); Pachino, Portopalo di Capo Passero, Capo Isola delle Correnti, 31.VII.1992 Bella S. and Turrisi G.F. (BSPC); **Palermo**: Città, Parco della Favorita, 16.VI.1983, Sparacio I. (SIPC); ditto, ex Scuderie Reali, 3-10.VII.1998, Arnone M. (SIPC); Monti Sicani, Palazzo Adriano, 8.IX.2000, Bellavista M. (MCBC); ditto, 13.VIII.2009, Bellavista M. (MCBC); Cinisi, 27.VI.1998, Arnone M. (SIPC); ditto, Bosco di Santocanale, 10.VII.2008, M. Bellavista (CBE + SIPC). Terrasini, 8.VII.1985, Bellavista M. (MCBC); **Trapani**: Monte Inici, 26.VIII.2000, Bellavista M. (MCBC); Trasatti, VIII.1984, Bellavista M. (MCBC); Gorghi Tondi, VII.2010, Bellavista M. (MCBC).

Notes. This is one of the most common and widespread species in mainland Italy and Sicily on broadleaves woods in the Mediterranean area (Crivellaro 2005; Sama 2005). It has been reported (sub *T. cinereus*) also from Pantelleria (Ratti 1987), Levanzo (Sama and Schurmann 1980) and Lampedusa (Pisciotta, Sajeve, and Sparacio 2008).

***Stromatium* Audinet-Serville, 1834**

Stromatium auratum (Böber, 1793)

Chorotype - MED

Host plants - FAG (*Quercus*, *Fagus*, *Castanea*), MOR (*Morus*, *Ficus*), FAB (*Robinia*, *Cytisus*), JUG (*Juglans*), ROS (*Prunus*), CET (*Celtis*), ULM (*Ulmus*), ANA (*Pistacia*), SAL (*Salix*), BET (*Alnus*), COY (*Corylus*, *Carpinus*), PLA (*Platanus*), TIL (*Tilia*), RUT (*Citrus*); TAM (*Tamarix*), MYR (*Eucalyptus*), PIN (*Cedrus*, *Abies*, *Larix*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, Caronia, 3.X.1993, Lo Valvo F. (SIPC); **Ragusa**: Cava Randello, 10-12.VII.2015, Muscarella C. (MCPC)

Notes. Widespread in mainland Italy and Sicily but uncommon, reported only by single records (sub *S. fulvum* Villers, 1789: Sama and Schurmann 1980; Baviera and Sparacio 2004; Sama 2005), recently also reported from Ficuzza woods (sub *S. unicolor* Olivier, 1795: La Mantia *et al.* (2010). Never reported before from Nebrodi or Messina province.

Cerambycini Latreille, 1802

***Cerambyx* Linnaeus, 1758**

Cerambyx (Cerambyx) cerdo Linnaeus, 1758

Chorotype - TEM

Host plants - FAG (*Quercus*, *Castanea*, *Fagus*), OLE (*Fraxinus*), ULM (*Ulmus*), COY (*Carpinus*), SAL (*Salix*), FAB (*Robinia*), ROS (*Malus*), JUG (*Juglans*), CES (*Ceratonia*)

Trophic category - POL

New records - **Messina**: Città, Teatro Vittorio Emanuele, on *Quercus ilex*, 14.IV-02.VII.2013, Ricciardi C. (BCPC); ditto 02.VI.2014, Ricciardi C. (BCPC); ditto VI-VII.2015, Ricciardi C. (BCPC); Zafferria, 15.VI.2004, Armaleo (BCPC); Monti Nebrodi, Portella di Femmina Morta, 22.VII.1989, Sparacio I. (SIPC); **Siracusa**: Villasmundo, 8.VI.2002, Turrisi G.F. (TGPC); Cava del Cassibile,

25.VIII.2001, Sparacio I. (SIPC); **Palermo**: Città, Villa d'Orleans, VII.2016, Bellavista M. (BMPC); Caccamo, Contrada San Giovanni, 17.VII.2008, Muscarella C. (MCPC); Madonie, 25.VII.1946 Aliquò V. (AVPC); Cefalù, Osservatorio geofisico di Gibilmanna, 1000 m a.s.l., 24.VII.2014, Altadonna G. (AGPC); Gratteri, 27.VI.1996, Aliquò V. (AVPC); ditto, 17.X.1999, Aliquò V. (AVPC); Polizzi Generosa, VII.2001, Vitturi R. (SIPC); Montaspro, 18.VII.2002, Sparacio I. (SIPC); Piano Zucchi, 10-25.VIII.2015, Trappole a vino, Muscarella C. (MCPC)

Notes. Widespread in Sicily (known from Catania, Trapani and Palermo provinces) but uncommon in natural habitats since living mostly in urban context on *Quercus ilex*. Never reported before from Siracusa province, while from Messina only by a single specimen preserved in the Vitale collection (Baviera and Sparacio 2004). This species occurs in mainland Italy and Sicily and is included in the annex IV of the UE Habitats Directive, reported as NT (Near Threatened) of European Red List of Saproxyllic Beetles (Nieto and Alexander, 2010).

Cerambyx (Cerambyx) welensii (Küster, 1845)

Chorotype - TEM

Host plants - FAG (*Quercus*, *Castanea*, *Fagus*), OLE (*Fraxinus*), ULM (*Ulmus*), COY (*Carpinus*), SAL (*Salix*), FAB (*Robinia*), ROS (*Malus*), JUG (*Juglans*), CES (*Ceratonia*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Rometta, San Leone, light trap, 15.VI.2008, Baviera C. (BCPC); Patti, Galice, light trap, 04.VI.1999, Baviera C. (BCPC); Zafferia, Maddalena, 05-19.VII.2011, trappola a vino su *Quercus* sp., Altadonna G. (AGPC); **Catania**: Aci Sant'Antonio, Monterosso, 500 m a.s.l., 20.VI.1994, Bella S. (BSPC); Tremestieri Etneo, 15.VI.1995, Turrisi G.F. (TGPC); Sant'Agata Li Battiati, 1.VI.1999, Turrisi G.F. (TGPC); Bosco di Santo Pietro, 20.XII.2000, Turrisi G.F. (TGPC); **Siracusa**: Sortino, 1.VII.2000, in *Q. suber*, Pappalardo V. (BSPC); **Caltanissetta**: Bosco di Niscemi, 22.VI.1988, Sparacio I. (SIPC); **Palermo**: Parco della Favorita, 23.VI.1980, Bellavista M. (MCBC); ditto, 12.VI.1970, Aliquò V. (AVPC); ditto, 13.VI.1970, Aliquò V. (AVPC); ditto, 15.VI.1970, Aliquò V. (AVPC); ditto, 4.VII.1979, Sparacio I. (SIPC); ditto, 23/26.VI.1980, Sparacio I. (SIPC); ditto, 16.VI.1982, Sparacio I. (SIPC); ditto, 16.VI.1983, Sparacio I. (SIPC); ditto, 17.VI.1987, Sparacio I. (SIPC); ditto, 25.VI.1988, Sparacio I. (SIPC); ditto, 22.VI.1989, Sparacio I. (SIPC); Villa Malfitano, 15.VI.1987, Sparacio I. (SIPC); Addaura, 14.VII.2004, Bellavista M. (SIPC); Madonie, Piano Zucchi, 17.VII.1981, Bellavista M. (MCBC); Collesano, 02.VII.2014, Muscarella C. (MCPC); Madonie, 1957, Aliquò V. (AVPC); Gratteri, 10.VII.1996, Aliquò V. (AVPC); 2.VII.2006 Aliquò V. (AVPC); Cefalù, Santa Lucia, 12.VI.1999, Sparacio I. (SIPC); Gibilmanna, 16.VI.2001, Sparacio I. (SIPC); Polizzi Generosa, VII.2001, Vitturi R. (SIPC); **Trapani**: Città, 1932, Aliquò V. (AVPC).

Notes. Widespread in Sicily, known from Trapani and Palermo provinces to Messina (Sant'Alessio Siculo) in North-Eastern Sicily (Sama 2005), Madonie and Etna (Sabella and Sparacio 2004), although not common. Never reported before from Caltanissetta province.

Cerambyx (Cerambyx) miles Bonelli, 1812

Chorotype - SEU

Host plants - FAG (*Quercus*, *Castanea*, *Fagus*), OLE (*Fraxinus*), ULM (*Ulmus*), COY (*Carpinus*), SAL (*Salix*), FAB (*Robinia*), ROS (*Malus*), JUG (*Juglans*), CES (*Ceratonia*)

Trophic category - POL

New records - **Palermo**: Madonie, Cefalù, Osservatorio geofisico di Gibilmanna, 1000 m a.s.l., 24.VII.2014, Altadonna G. (AGPC); Gibilmanna, 21.VI.1998, Sparacio I. (SIPC); Gratteri dintorni,

VI.2007, Aliquò V. (AVPC); Giacalone, Pezzenti, 11.VII.1936, De Stefani T. (SIPC); Sicani, Palazzo Adriano, 26.VII.2009, Bellavista M. (BMPC); **Trapani**: Gorghetti Tondi, 12.VI.2005, La Mantia T. (SIPC); ditto, 20.V.2005, La Mantia T. (SIPC); Monte Inici, 21.VII.2010, Bellavista M. (BMPC)

Notes. Widespread in Sicily (known from Nebrodi, Madonie and “Messina”, but uncommon: Vitale 1936; Baviera and Sparacio 2004; Sama 2005; Contarini 2007). Firstly recorded from Trapani province.

Cerambyx (Microcerambyx) scopolii Fuessly, 1775

Chorotype - SICI (TEM)

Host plants - FAG (*Quercus*, *Castanea*, *Fagus*), ROS (*Prunus*, *Malus*), COY (*Carpinus*, *Corylus*, *Ostrya*), ACE (*Acer*), OLE (*Fraxinus*, *Syringa*), ULM (*Ulmus*), GRO (*Ribes*), JUG (*Juglans*), TIL (*Tilia*), BET (*Betula*), SAL (*Salix*, *Populus*)

Trophic category - POL

New records - [*C. scopolii scopolii* Fuessly, 1775] **Messina**: Torre Faro, Granatari, 07.V.1989, Baviera C. (BCPC); ditto, 13.IV.2001, Baviera C. (BCPC); Monti Peloritani, Montalbano Elicona, Bosco di Malabotta, 23.V.2006, Baviera C. (BCPC); Monti Nebrodi, Cesarò, Portella Maulazzo, 1400 m a.s.l., 06.VII.2014, Muscarella C. (MCPC); **Palermo**: Città, 6.VI.1978 Sparacio I. (SIPC); ditto, 10.VI.1979, Sparacio I. (SIPC); ditto, 8.V.1979, Sparacio I. (SIPC); ditto, 21.II.1980, Sparacio I. (SIPC); ditto, 22.IV.1980, Sparacio I. (SIPC); Aquino presso F. Oreto, 2-6.VI.1980, Sparacio I. (SIPC); ditto, 6.VI.1980, Sparacio I. (SIPC); Monreale, 5 e 10.VI.1941, Ajola G. (AVPC); ditto, 12.VI.1980, Sparacio I. (SIPC); ditto 3.VIII.1980, Sparacio I. (SIPC); Pizzenti, 14.VI.1990, Bellavista M. (MCBC).

Notes. In Sicily this taxon is represented by the nominal form and the endemic subspecies *Cerambyx scopolii siculus* Rapuzzi and Sama, 2010 (described from Nebrodi and Madonie). Recently, *C. scopolii scopolii* Fuessly, 1775 has been recorded on the loquat, *E. japonica* from Palermo surroundings and on Sicani (Ficuzza Woods) (Bellavista, La Mantia, and Sparacio 2015). Previously never reported from Peloritani.

Rosaliini Latreille, 1802

***Rosalia* Audinet-Serville, 1834**

Rosalia (Rosalia) alpina (Linnaeus, 1758)

Chorotype - EUR

Host plants - FAG (*Fagus*, *Quercus*), TIL (*Tilia*), ACE (*Acer*), ROS (*Crataegus*), OLE (*Fraxinus*), ULM (*Ulmus*), JUG (*Juglans*), COY (*Carpinus*), BET (*Alnus*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Bosco di Malabotta, 21-22.VI.2013, resti di elitre in *Fagus*, Muscarella C. (MCPC); ditto, portella Croce Mancina, 13.VII.2016, Muscarella C. (MCPC); Monti Nebrodi, Capizzi, Portella dell’Obolo, 1500 m a.s.l., 03.VIII.2013, Baviera C. and Altadonna G. (BCPC); ditto, 30.VII.2016, Baragona A. and Muscarella C. (MCPC); Portella Maulazzo, 1400 m a.s.l., 06.VII.2014, Muscarella C. (MCPC); **Palermo**: Madonie, Pizzo Carbonara, 29.VII.2009, Muscarella C. (MCPC)

Notes. Rare in Sicily, recorded only from Madonie and Nebrodi (Sama, 2006), also cited from Messina and Etna (as not rare) by Vitale (1936) and, from a single specimen, from Enna (Troina Woods) by Sparacio (1992). New record for Peloritani.

Purpuricenini Thomson, 1861

Purpuricenus Dejean, 1821

Purpuricenus globulicollis Dejean, 1839

Chorotype - SEU

Host plants - FAG (*Quercus*), ACE (*Acer*), ROS (*Quercus*, *Crataegus*, *Prunus*), RHA (*Rhamnus*), SAL (*Salix*, *Populus*), BET (*Betula*)

Trophic category - POL

New records - **Palermo**: Madonie, Piano Battaglia, 1600 m a.s.l., 8.VIII.2015, Baviera C. (BCPC); ditto, 18.VII.2016, Baviera C. (BCPC); Bosco sopra Piano Battaglia, 1700 m, VII.2007, Aliquò V. (AVPC); Piano Zucchi, 12.VII.2008, Sparacio I. (SIPC)

Notes. Rare, although widespread in mainland Italy. Previously known from Sicily only one old record in Madonie (Ragusa 1924). The presence of this species was recently confirmed in Madonie (Piano Zucchi) and Nebrodi (Mount Soro, and Portella di Femmina Morta) (Rapuzzi and Sama 2006).

Purpuricenus kaehlerii (Linnaeus, 1758)

Chorotype - TUE

Host plants - FAG (*Quercus*, *Castanea*, *Fagus*), ROS (*Prunus*, *Crataegus*, *Amygdalus*, *Malus*), JUG (*Juglans*), FAB (*Robinia*), ULM (*Ulmus*), RHA (*Paliurus*), SAL (*Salix*, *Populus*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, Monte Trefinaidi, 20.VII.2013, Muscarella C. (MCPC); Pettineo, Piano d'Olmo, 620 m a.s.l., 4.VII.2015, Altadonna G. (AGPC); San Fratello, 26.VI.1983, Aliquò V. (AVPC); ditto, VII.1985, Aliquò V. (AVPC); ditto, 11.VII.1991, Sparacio I. (SIPC); Mistretta, Urio Quattrocchi, 27.V.1986, Sparacio I. (SIPC)

Notes. Common in northern Sicily mountains, from Sicani to Peloritani, Nebrodi and Etna (Sabella and Sparacio 2004; Sama 2005).

Graciliini Mulsant, 1839

***Penichroa* Stephens, 1839**

Penichroa fasciata Dejean, 1839

Chorotype - TUM

Host plants - FAG (*Fagus*, *Quercus*), ANA (*Pistacia*), MOR (*Ficus*, *Morus*), ROS (*Prunus*), FAB (*Glycyrrhiza*), CES (*Cercis*, *Ceratonia*, *Cytisus*), MYR (*Eucalyptus*), PIN (*Pinus*, *Thuya*)

Trophic category - POL

New records - **Messina**: Torre Faro, Granatari, 15.VI.2002, light trap, Baviera C. (BCPC); ditto, 30.VI.2002, Baviera C. (BCPC); ditto, 20-25.VI.2008, Baviera C. (BCPC); Città, Annunziata, 15.VI.2003, Baviera C. (BCPC); **Catania**: Foce Simeto, 13.VI.2014, Muscarella C. (MCPC); Etna, Milo Contrada Caselle, ex larva 28.I.1998 sf. VII.1999, da *Q. ilex*, Turrisi G.F. (TGPC); **Siracusa**: Portopalo di Capo Passero, 9.VIII.2000, Bella S. (BSPC); ditto, 30.VII.2000, Bella S. (BSPC); **Caltanissetta**: Butera, Monte Disueri, ex *Pistacia vera*, 8.IV/25.VI.1989, Sparacio I. (SIPC); **Agrigento**: Siculiana, Torre Salsa, 5.VII.1996, Bella S. (BSPC); **Palermo**: Città 28.VI.1970, Aliquò V. (AVPC); ditto 6.VI.1990, Aliquò V. (AVPC); Borgo Molara, 8.VII.2002, Sparacio I. (SIPC); Addaura, 15.VI.2008, Sparacio I. (SIPC); Sferracavallo, 12.VII.1982 Sparacio I. (SIPC); Caccamo, contrada San Giovanni, 9.VI.2010, Muscarella C. (MCPC); San Martino delle Scale, 21.VII.1987, Aliquò V. (AVPC); **Trapani**: Castellammare del Golfo, RNO, "Zingaro", 15.VI.2003, ex larva in *Ficus carica*, Baviera C. (BCPC); ditto, 22-25.VI.2003, Baviera C. (BCPC); Mazara del Vallo, Borgata Costiera,

23.VI.2014, Castelli D. (FEI); Pantelleria, Monte Gibele, ex larva, sfarfallato VI.2014, Muscarella C. (MCPC); Isole Egadi, Marettimo, Case Romane, ex larva da *Ficus*, sfarfallato 25.VI.2016, Muscarella C. (MCPC)

Notes. Widespread and common in the whole Sicily, reported from Messina province only from Vulcano (Cecchi and Lo Cascio 2000), Taormina (reported as Catania province: Sama, 2006) and Pezzolo (Altadonna, 2012). It has been also recorded from Pantelleria and Lampedusa (Romano and Sparacio, 1995), Marettimo (Sama and Schurmann, 1980). Recently, this species has been recorded on the loquat in Palermo (Bellavista, La Mantia, and Sparacio 2015).

Gracilia Audinet-Serville, 1834

Gracilia minuta (Fabricius, 1781)

Chorotype - COS

Host plants - SAL (*Salix*), CES (*Ceratonia*), FAG (*Quercus*, *Castanea*), ANA (*Pistacia*), ROS (*Crataegus*, *Prunus*, *Rubus*, *Sorbus*, *Rosa*, *Malus*), RUT (*Citrus*), RHA (*Rhamnus*), ACE (*Acer*), COY (*Corylus*), BET (*Betula*), HIP (*Aesculus*), ULM (*Ulmus*), MOR (*Ficus*), JUG (*Juglans*), CEL (*Euonymus*), PIN (*Cedrus*, *Pinus*)

Trophic category - POL

New records - **Messina:** Torre Faro, Granatari, 15.VI.2002, on *Prunus avium*, Baviera C. (BCPC); ditto, 06.VI.1993, Baviera C. (BCPC); ditto, 15.VII.1993, Baviera C. (BCPC); ditto, 18-21.V.2000, Baviera C. (BCPC); ditto, 25.V-05 – VI.2000, Baviera C. (BCPC); ditto, 25.VI-01.VII.2001, Baviera C. (BCPC); ditto, 03-20.VIII.2001, Baviera C. (BCPC); ditto, 09.VI.2008, Baviera C. (BCPC); Peloritani, Monte Scuderi, Contrada Ferrera, 3-8.VII.1996, ex larva 16.IV.1996, in *Rubus* sp., Bella S. and Turrisi G.F. (BSPC+TGPC); **Catania:** Fiume Alcantara, Calatabiano, 19.V.2010, Baviera C. (BCPC); Etna, Valle San Giacomo, VII.1997, ex larva in *Castanea sativa* 1.IV.1997, Turrisi G.F. (TGPC); Nicolosi, Monti Rossi, VII.1997, ex larva in *Pistacia terebinthus*, III.1997, Turrisi G.F. (TGPC); Contrada Cerza, 1.V.1996, ex larva in *Rosa* hybr., 10.III.1996, Bella S. (BSPC); Caltagirone, Bosco di Santo Pietro, ex larva Q. ilex, 18.IV/25.VI.1987, Sparacio I. (SIPC); **Palermo:** Borgo Molara, 2.VI.1992, Massa B. (AVPC); Altofonte, Bosco di Rebuttone, ex *Castanea*, 23.I/10.V.1983 Sparacio I. (SIPC); Madonie, Pomieri, 19.VII.2016, Baviera C. (BCPC); **Trapani:** Segesta, ex *Salix*, 19.V/2.VI.1988, Sparacio I. (SIPC); Isole Egadi, Marettimo, IV.2006 from *Prunus avium*, Baviera C. (BCPC)

Notes. Known from Sicani, Madonie and Nebrodi, Palermo, Agrigento and Catania provinces (Sama 2005; Rapuzzi and Sama 2006), also recorded from Lipari and Vulcano (Cecchi and Lo Cascio 2000), Pantelleria (M. Romano and Sparacio 1995). Confirmed from Messina province, after the recent report of a single specimen preserved in the Vitale collection (Baviera and Sparacio 2004) and Catania (previously reported only from Nicolosi). Firstly recorded from Egadi Islands and Trapani province.

Axinopalpis Dejean, 1835

Axinopalpis gracilis (Krynicky, 1832)

Chorotype - EME

Host plants - SAL (*Salix*), FAG (*Quercus*, *Castanea*), JUG (*Juglans*), ROS (*Prunus*, *Rubus*, *Amygdalis*, *Rosa*), ANA (*Pistacia*), MOR (*Morus*), PIN (*Cedrus*, *Pinus*)

Trophic category - POL

New records - **Messina:** Patti, RNO Laghetti di Marinello, VI.2010, at light, Infusino M. (BCPC)

Notes. Very rare species in mainland Italy, known only from a few Italian regions (Sama and Rapuzzi 2011), never recorded southern of Cosenza (Calabria) (Sama 2005). Newly recorded from Sicily.

Stenhomalini Miroshnikov, 1989

***Stenhomalus* White, 1855**

Stenhomalus (Obriopsis) bicolor (Kraatz, 1862)

Chorotype - EME

Host plants - RHA (*Rhamnus*), ROS (*Crataegus*), MOR (*Ficus, Morus*), JUN (*Juglans*), STY (*Styrax*)

Trophic category - POL

Notes. Very rare in mainland Italy. Only a single Sicilian specimen labelled “Madonie: Torre Montaspro” is preserved in Sama collection (Sama 2005; Sama and Rapuzzi 2011); the presence of this species in Sicily needs more confirmation, because the most southern Italian records are in Apulia (Sama 2005).

Nathriini Arnett, 1962

***Nathrius* Brèthes, 1916**

Nathrius brevipennis (Mulsant, 1839)

Chorotype - WME

Host plants - SAL (*Salix*), MOR (*Ficus, Morus*), FAG (*Quercus, Castanea*), ANA (*Pistacia*), ROS (*Rosa, Eriobotrya*), JUG (*Juglans*), FAB (*Robinia*), CUP (*Cupressus*), COY (*Corylus, Ostrya*), BET (*Alnus*), RHA (*Ziziphus*), OLE (*Fraxinus*), COR (*Cornus*), CES (*Ceratonia*), PIN (*Pinus, Picea, Cupressus*)

Trophic category - POL

New records - **Messina:** Torre Faro, Granatari, 18.VI.1992, Baviera C. (BCPC); **Catania:** Caltagirone, Bosco di Santo Pietro, ex *Q. ilex*, 18.IV/14.VI.1987 (SIPC); **Palermo:** Altofonte, Bosco di Rebuttone, ex *Castanea*, 23.I/10.V.1983 Sparacio I. (SIPC)

Notes. Widespread in Sicily, recorded also from Pantelleria and Lampedusa Islands (M. Romano and Sparacio 1995).

Brachypteromatini Sama, 2008

***Dolocerus* Mulsant, 1862**

Dolocerus reichii Mulsant, 1862

Chorotype - EME

Host plants - SAL (*Salix*), FAG (*Quercus, Castanea*), ANA (*Pistacia*), CES (*Ceratonia*), ARA (*Hedera*), CUP (*Cupressus*), PIN (*Pinus, Picea*)

Trophic category - POL

New records - **Messina:** Monti Peloritani, Falcone, Monte Quattrofinaita, 400 m a.s.l., 01.V.2013; Altadonna G. (AGPC); Montalbano Elicona, Bosco di Malabotta, 23.V.2006, Baviera C. (BCPC); Rometta, San Leone, 29.IV.2000, Baviera C. (BCPC); Francavilla di Sicilia, Fiume Alcantara, Le Gurne, 19.IV.2010, Baviera C. (BCPC); Monti Nebrodi, San Fratello, 1300 m a.s.l., 17.V.2001,

Baviera C. (BCPC); ditto, 20.V.2000, Baviera C. (BCPC); ditto, 17.V.2002, Baviera C. (BCPC); Caronia, Portella Pomo, 823 m a.s.l., 01.V.2014, Altadonna G. (AGPC); **Catania**: Castiglione di Sicilia, Fiume Alcantara, Cuba Bizantina, 28.V.2010, Baviera C. (BCPC); Etna, Linguaglossa, 900 m a.s.l., 16.V.2003, Baviera C. (BCPC); S. Rifugio Brunek, 1500 m a.s.l., 16.V.2002, Baviera C. (BCPC); Maletto, Fontanamurata, 17.V.1998, Turrisi G.F. (TGPC); Massannunziata, 8.IV.2001, Turrisi G.F. (TGPC); Monti Iblei, Fiume Vizzini, Contrada Paradiso, 26.IV.97, Pulvirenti I. (BSPC); Fiume Vizzini, Contrada Rubalá, 2.V.1999 (BSPC); **Enna**: Cerami, 05.V.2015, Baviera C. (BCPC); Nicosia, Monte Sambughetti, 1300 m a.s.l., 19.V. 2016, Baviera C. (BCPC); **Siracusa**: Noto, Testa dell'Acqua, 25.IV.1993 (BSPC); Ferla, Pantalica dint., 26.IV.2016, Baviera C. (BCPC); Fiume Anapo, Contrada Fusco, 9.IV.1995, Bella S. (BSPC); **Agrigento**: Siculiana, Torre Salsa, 4.V.2013, Muscarella C. (MCPC); **Palermo**: Dint. Stazione Montemaggiore Belsito, 12.V.2012, Muscarella C. (MCPC); ditto, 10.V.2014, Muscarella C. (MCPC); Gibilmanna, 8.5.1999, Sparacio I. (SIPC)

Notes. Widespread in Sicily (sub *Brachypteroma ottomanum* Heyden, 1863), it has been recently recorded from Nebrodi (Sama 2005), and Iblei (Rapuzzi and Sama 2006), and from Etna (Sabella and Sparacio 2004; Altadonna 2012) and Madonie (Sabella and Sparacio 2004). Previously not recorded from Peloritani and Agrigento province.

Molorchus Fabricius, 1793

Molorchus (Molorchus) umbellatarus (Schreber, 1759)

Chorotype - EUR

Host plants - FAB (*Castanea*), ROS (*Prunus*, *Pirus*, *Rosa*, *Rubus*, *Malus*), COR (*Cornus*), CAF (*Viburnum*), JUG (*Juglans*), CEL (*Euonymus*), ANA (*Rhus*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Montalbano Elicona, Bosco di Malabotta, 23.V.2006, Baviera C. (BCPC); Monti Nebrodi, Portella Maulazzo, 1400 m a.s.l., 31.V.2003, Baviera C. (BCPC); **Palermo**: Madonie, Piano Sempria, 13.VI.2013, Baviera C. (BCPC)

Notes. Uncommon in Sicily, currently known only from Madonie and Nebrodi (sub *Glaphyra umbellatarum* (Schreber, 1759)) (Ragusa 1924; Vitale 1936; Sama and Schurmann 1980; Sama 1988; Sabella and Sparacio 2004; Sama 2005; Rapuzzi and Sama 2006). Newly recorded from Peloritani.

Stenopterini Gistel, 1848

Stenopterus Illiger, 1804

Stenopterus ater (Linnaeus, 1767)

Chorotype - WME

Host plants - ANA (*Pistacia*), CES (*Ceratonia*), MOR (*Ficus*), ULM (*Ulmus*), FAB (*Robinia*, *Genista*, *Acacia*), ROS (*Prunus*), COY (*Carpinus*, *Ostrya*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Castelmola contr. Lumbia, 500 m a.s.l., 16.VI.2013, Altadonna G. (AGPC); ditto, contr. Ogliastrello, Altadonna G. (AGPC); ditto, Capo Rua, 700 m a.s.l., 30.VI.2013, Altadonna G. (AGPC); Forza d' Agró, 300 m a.s.l., 23.VI.2014, Altadonna G. (AGPC); Salice, c.da Urni, 350 m s.l.m., 10.VII.2016, Altadonna G. (AGPC); Monte Scuderi, Contrada Ferrera, 29.VI.1995, Bella S. (BSPC); Montalbano Elicona, Sorg. Melizzo, 1089 m a.s.l., 11.VII.2015, Altadonna G. (AGPC); Basicó, Toscano, 756 m a.s.l., 11.VII.2015, Altadonna G. (AGPC); Monti Nebrodi, Monte S. Rosalia, 820 m a.s.l., 12.VII.2015, Altadonna G. (AGPC); Santa Domenica

Vittoria, c.da Iuncará, 800 m a.s.l., 23.VI.2013, Altadonna G. (AGPC); Tusa, contr. Torre, 156 m a.s.l., 04.VII.2015, Altadonna G. (AGPC); Ucria, 850 m a.s.l., 29.VI.2014, Altadonna G. (AGPC); Pettineo, Piano d'Olmo, 700 m a.s.l., 28.VI.2016, Altadonna G. (AGPC); **Catania**: Ragalna, Rugoro Grosso, 9.VI.1996 (BSPC); Nicolosi, Via Catania, 1120 m a.s.l., 16.VII.2014, Altadonna G. (AGPC); Belpasso, contr. Pescheria, 25 m s.l.m., 01.VI.2013, Altadonna G. (AGPC); ditto, fiume Simeto, 20 m s.l.m., 2.VI.2014, Altadonna G. (AGPC); Etna, Piano Provenzana, 2000 m a.s.l., 10.VIII.2004, Baviera C. (BCPC); Pineta di Linguaglossa, 21/23.VII.1995, Sparacio I. (SIPC); Zafferana Etnea, Monte Pomiciaro, 5/6.VII.2002, Sparacio I. (SIPC); Monti Sartorius, 29.VII.2015, Baviera C. (BCPC); Sant'Alfio, Bosco Cerrita, 1500 m a.s.l., 01.VII.2004, Baviera C. (BCPC); ditto, 24.VII.2004, Baviera C. (BCPC); Nicolosi, 17.VI.1996, Bella S. and Turrisi G.F. (TGPC); Milo, 29.VIII.1996, Turrisi G.F. (TGPC); Milo, Casapietracannone, 25.VIII.1996, Bella S. (BSPC); Calatabiano, 4.VI.1999, Turrisi G.F. (TGPC); Milia, 26.VI.1999, Turrisi G.F. (BSPC); **Caltanissetta**: Biviere di Gela, 29.V.2006, Baviera C. (BCPC); **Ragusa**: Foci Fiume Irmínio, ex Lentisco, 19.III/30.V.1992, Sparacio I. (SIPC); **Palermo**: Città, Parco della Favorita, 28.VI.1987, Bellavista M. (MCBC); ditto, 23.VI.1980, Sparacio I. (SIPC); ditto, 17.VI.2006, Muscarella C. (MCPC); Bagheria, Monte Catalfano, 28.V.2008, Muscarella C. (MCPC); Termini Imerese, Foce Imera, 21.VI.2010, Muscarella C. (MCPC); Villagrazia di Carini, 15.VI.1980, Sparacio I. (SIPC); Aquino presso Fiume Oreto, 3.VII.1980, Sparacio I. (SIPC); Pezzingoli, 3.VII.1980, Sparacio I. (SIPC); Foci F. Pollina, 20.V.1981, Sparacio I. (SIPC); Madonie, Gibilmanna, 800 m a.s.l., 24.VII.2014, Altadonna G. (AGPC); Gratteri, 13.VI.2013, Bellavista M. (BMPC); Montaspro, 25.VII.1992, Sparacio I. (SIPC)

Notes. Common and widespread in Sicily (Sama, 2006; Rapuzzi and Sama, 2006). Recorded also from many islands of the Aeolian Archipelago (Cecchi and Lo Cascio 2000; Lo Cascio *et al.* 2006) and from Lampedusa Island (Pisciotta, Sajeve, and Sparacio 2008). Previously not recorded from Caltanissetta province.

Stenopterus rufus (Linnaeus, 1767)

Chorotype - TUE

Host plants - FAG (*Quercus*, *Castanea*), JUG (*Juglans*), FAB (*Robinia*), ROS (*Prunus*, *Robinia*), SAL (*Salix*), COY (*Carpinus*, *Ostrya*), ANA (*Pistacia*), MOR (*Ficus*), ULM (*Ulmus*), RHA (*Paliurus*)

Trophic category - POL

New records - **Messina**: Torre Faro, Granatari, 01.V.1992, Baviera C. (BCPC); ditto, 01.VI.1995; Città, Ritiro, Badiazza, 29.V.2000, Baviera C. (BCPC); Mortelle, Lido, 16.V.2001, Baviera C. (BCPC); Zafferaria, Maddalena, 10.VI.2011, Altadonna G. (AGPC); Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 04.VI.2000, Baviera C. (BCPC); ditto, 26.VI.2001, Baviera C. (BCPC); Musolino dint., 800 m a.s.l., 04.VI.2000, Baviera C. (BCPC); Castelmola, Torrente Santa Venera, 16.V.2015, 120 m a.s.l., Altadonna G. (AGPC); Montalbana Elicona, sorg. Melizzo, 1089 m a.s.l., 11.VII.2015, Altadonna G. (AGPC); Bosco Mandrazzi, 10.VI.1988, Sparacio I. (SIPC); Monti Nebrodi, Lago Trearie, 1200 m a.s.l., 02.VII.2005, Baviera C. (BCPC); Floresta, Sorgente San Giacomo, 1400 m a.s.l., 29.VI.2010, Baviera C. (BCPC); Caronia, Portella Pomiere, 1450 m a.s.l., 03.VIII.2013, Altadonna G. (AGPC); Cesarò, Colle Finocchio, 06.VII.2014, 1143 m a.s.l., Altadonna G. (AGPC); Portella di Femmina Morta, 1524 m a.s.l., 22.VI.2013, Altadonna G. (AGPC); Gualtieri Sicaminò, Cascate Cataolo, 16.VI.2001, Bella S. and Turrisi G.F. (BSPC); Pettineo, Piano d'Olmo, 700 m a.s.l., 28.VI.2016, Altadonna G. (AGPC); **Catania**: Piana di Catania, Contrada Petulenti, 23.V.1992, Turrisi G.F. (TGPC); Primosole, 13.V.1996, Bella S. and Turrisi G.F. (BSPC); F. Alcantara, Calatabiano, 4.VI.1999, Turrisi G.F. (TGPC); Etna, Maletto, Fontanamurata, 29.VI.1996, Turrisi G.F. (BSPC); ditto, 7.VI.1998, Turrisi G.F. (BSPC); ditto, 28.VI.1998, Turrisi G.F. (BSPC); Bronte, 700 m a.s.l., 31.V.2000, Bella S. (BSPC); Ragalna, Rugoro Grosso 1300 m a.s.l., 9.VI.1996, Bella S. (BSPC); Monte San Leo, 7.VI.1993-17.VI.1996, Bella S. and Turrisi G.F. (BSPC); Massannunziata, 28.V.1997,

Bella S. and Turrisi G.F. (BSPC); Zafferana Etnea, Monte Pomiciaro, 5-6.VII.2002, Sparacio I. (SIPC); Pineta di Linguaglossa, 24.VIII.1980, Sparacio I. (SIPC); Adrano, 21.VI.1988, Sparacio I. (SIPC); Nicolosi, 17.VI.1996, Bella S. (BSPC); **Caltanissetta**: Biviere di Gela, 10.IV.1982, Sparacio I. (SIPC); Bosco di Niscemi, ex *Quercus*, 26.I-5.V.1987, Sparacio I. (SIPC); **Agrigento**: Favara, 23.V.1989, Monti Sicani, Monte Cammarata, 1000 m a.s.l., 27.V.2007, Baviera C. (BCPC); Foce Platani, 6.V.2011, Muscarella C. (MCPC); ditto, 13.V.2011, Muscarella C. (MCPC); Siculiana, Torre Salsa, 13.V.2012, Muscarella C. (MCPC); **Palermo**: Città, Borgo Ulivia, 9.VII.1990, Bellavista M. (MCBC); Foci F. Calatubo, 13.V.1979, Sparacio I. (SIPC); Giacalone, 12.VI.1980, Sparacio I. (SIPC); Parco della Favorita, 23.VI.1980, Sparacio I. (SIPC); Pezzingoli, 3.VII.1980, Sparacio I. (SIPC); Aquino presso Fiume Oreto, 2.VI.1980, Sparacio I. (SIPC); Monte Pellegrino, 7.V.1983, Sparacio I. (SIPC); San Martino delle Scale, 30.V.2008, Muscarella C. (MCPC); Dint. Stazione Montemaggiore Belsito, 2.VI.2010, Muscarella C. (MCPC); ditto, 29.V.2011, Muscarella C. (MCPC); Termini Imerese, Foce Imera, 13.VI.2010 Muscarella C. (MCPC); Ustica, Cala Sidoti, 18.VI.2011, Muscarella C. (MCPC) Madonie, Pizzo Carbonara, 1800 m a.s.l., 22.VI.2000, Baviera C. (BCPC); Gratteri, 13.VI.2013, Bellavista M. (BMPC); Foci F. Pollina (PA), 20.V.1981, Sparacio I. (SIPC); Monti Sicani, Piana degli Albanesi, 14.VI.1981, Sparacio I. (SIPC); **Trapani**: Castellammare del Golfo, RNO, "Zingaro", 19-21.V.2003, Baviera C. (BCPC); Monte Cofano, 1.VI.2008, Sparacio I. (SIPC); Marsala, Gorgi Tondi, 12.VI.2003, Sparacio I. (SIPC); Calatafimi, Bosco di Angimbè, 26.V.1987, Sparacio I. (SIPC); Castelvetrano, Foce Belice, 11.V.2012, Muscarella C. (MCPC)

Notes. Very common and widespread in Sicily (Sama 2005; Rapuzzi and Sama 2006). Recorded also from Marettimo, Levanzo, Lipari (Sama 1988; Cecchi and Lo Cascio 2000) and Lampedusa (Pisciotta, Sajeve, and Sparacio 2008).

Callimus Mulsant, 1846

Callimus (Callimus) abdominalis (Olivier, 1795)

Chorotype - SEU

Host plants - FAG (*Quercus*, *Fagus*), ACE (*Acer*), COY (*Ostrya*, *Carpinus*), ANA (*Pistacia*), TIL (*Tilia*), CES (*Cercis*), ROS (*Prunus*, *Cydonia*, *Crataegus*, *Rosa*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, San Fratello, 1300 m a.s.l., 17.V.2001, Baviera C. (BCPC); ditto, 17.V.2002, Baviera C. (BCPC); Biviere di Cesarò, 26.V.2004, Baviera C. (BCPC); **Palermo**: Sicani, Palazzo Adriano, 23.V.2009, Massa B. (FED); ditto, 13.VIII.2009, Bellavista M. (BMPC); Madonie, Piano Battaglia 25.V.2013, Muscarella C. (MCPC); Gibilmanna, 18.VI.2014, Muscarella C. (MCPC)

Notes. Currently known in Sicily only from Sicani (Ficuzza woods) and Madonie (Ragusa 1924; Sama and Schurmann 1980; Sama 1988; Sabella and Sparacio 2004; Sama 2005; La Mantia *et al.* 2010), recorded also from Nebrodi (Portella di Femmina Morta and Mount Soro: Rapuzzi and Sama (2006), and Etna (Sabella and Sparacio 2004).

Callimus (Callimus) angulatus (Schrank, 1789)

Chorotype - EUM

Host plants - FAG (*Quercus*, *Fagus*, *Castanea*), COY (*Ostrya*), ROS (*Crataegus*), OLE (*Fraxinus*), MOR (*Ficus*), ULM (*Zelkova*), LOR (*Loranthus*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Montalbano Elicona, Bosco di Malabotta, 11.VI.2004, Baviera C. (BCPC); ditto, 11.VI.2004, Baviera C. (BCPC); Monti Nebrodi, Capizzi, 1450 m a.s.l., 29.V.2015, Baviera C. (BCPC); Caronia, 1300 m a.s.l., 29.V.2015, Baviera C. (BCPC); Portella

Maulazzo, 1400 m a.s.l., 31.V.2003, Baviera C. (BCPC); San Fratello, 1300 m a.s.l., 17.V.2001, Baviera C. (BCPC); ditto, 17.V.2002, Baviera C. (BCPC); ditto, 20.V.2000, Baviera C. (BCPC); Biviere di Cesarò, 31.V.2003, Baviera C. (BCPC); ditto, 27.V.2006, Baviera C. (BCPC); ditto, 17.VI.2011, Baviera C. (BCPC); **Catania**: Etna, Linguaglossa, 900 m a.s.l., 16.V.2003, Baviera C. (BCPC); **Enna**: Nicosia, Monte Sambughetti, 1200 m a.s.l., 19.V. 2016, Baviera C. (BCPC)

Notes. This species was firstly reported from “Sicily” by Ghiliani (1842) (sub *Stenopterus cyaneus* F.) and confirmed only by Sama and Schurmann (1980) from Madonie. It has been known only from a few localities of Madonie (Sama and Schurmann 1980; Sabella and Sparacio 2004), Peloritani (Malabotta Wood: Contarini 2007), and Nebrodi (Sabella and Sparacio 2004; Sama 2005; Contarini 2007) and Etna (Sabella and Sparacio 2004). Even if often co-occurring with the above reported congeneric species, it seems to be more common. Previously not recorded from Enna province.

Certallini Fairmaire, 1864

***Certallum* Dejean, 1821**

Certallum ebulinum (Linnaeus, 1767)

Chorotype - TUM

Host plants - BRA (*Sisymbrium*, *Erysinum*, *Psychine*, *Raphanus*)

Trophic category - POL

New records - **Messina**: Città, Annunziata, 30.V.2004, Baviera C. (BCPC); Messina, Trivio, 375 m, 26.IV.2012, Vigliogliola V. (FEI); Monti Peloritani, Monte Scuderi, 1200 m a.s.l., 22.V.2004, Baviera C. (BCPC); Monti Nebrodi, Pettineo, Piano d’Olmo, 617 m a.s.l., 02.V.2015, Altadonna G. (AGPC); **Catania**: Paternò, 20.IV.1992, Turrisi G.F. (TGPC); Immacolatelle, 1.V.1995, Bella S. and Turrisi G.F. (BSPC); Gravina di Catania, 16.IV.1993, Turrisi G.F. (TGPC); Piana di Catania, Primosole, 20.IV.97, Bella S. (BSPC); ditto, 26.IV.1998, Bella S. (BSPC); Contrada Torre Allegra, foce del Fiume Simeto, 2.IV.1999, Bella S. (BSPC); Monti Iblei, Fiume Vizzini, Poggio Morbano, 1.V.1996, Bella S. (BSPC); Fiume Vizzini, contrada Paradiso, 1.V.1996, Bella S. (BSPC); Etna, Linguaglossa, 900 m a.s.l., 22.IV.2000, Baviera C. (BCPC); Ragalna, Rugoro Grosso, 9.VI.1996, Bella S. (BSPC); Passopisciaro, Via Guardiola, 650 m a.s.l., 30.IV.2016, Baviera C. (BCPC); Fiume Alcantara, Calatabiano, 4.VI.1999, Turrisi G.F. (TGPC); **Siracusa**: Sortino, Valle del Fiume Anapo, Contrada Fusco, 16.VI.1996, Bella S. (BSPC); **Palermo**: Monte Cuccio, Bellolampo, 1.V.1981, Sparacio I. (SIPC); Parco della Favorita, 13.V.1981, Sparacio I. (SIPC); Monte Pellegrino, 7.V.1983, Sparacio I. (SIPC); Altavilla Milicia, 23.IV.1984, Sparacio I. (SIPC); Balestrate, Torrente Calatubo, 10.IV.1985, Sparacio I. (SIPC); Sagana, 10.V.1985, Bellavista M. (MCBC); Montemaggiore Belsito, dint. Stazione, 24.IV.2010, Muscarella C. (MCPC); ditto, 11.IV.2011, Muscarella C. (MCPC); ditto, 28.IV.2012, Muscarella C. (MCPC); Monti Sicani, Corleone, sotto Rocca Busambra, 700 m a.s.l., 14.IV.2010, Baviera C. (BCPC); Madonie, Piano Battaglietta, 1700 m a.s.l., 22.VI.2000, Baviera C. (BCPC); ditto, 16.V.2008, Baviera C. (BCPC); ditto, 23.VI.2009, Baviera C. (BCPC); Baita del Faggio, 1400 m a.s.l., 24.VI.2007, Baviera C. (BCPC); Portella Colla, 1450 m a.s.l., 03.VI.2000, Baviera C. (BCPC); Montaspro, 18.VI.1980, Sparacio I. (SIPC); Vallone Marabilici, 26.VI.1983, Sparacio I. (SIPC); Piano Zucchi, 18.V.1985, Sparacio I. (SIPC); Piano Cervi, 17.VI.1984, Sparacio I. (SIPC); Piano Battaglietta, 1700 m, 12.VI.1999, Sparacio I. (SIPC); Rocca Busambra, Alpe Cucco, 27.V.1995, Sparacio I. (SIPC); **Trapani**: Castellammare del Golfo, 10.IV.1985, Sparacio I. (SIPC); Castellammare del Golfo, RNO, “Zingaro”, 22-24.IV.2003, Baviera C. (BCPC); Selinunte, Foce Torrente Modione, 09.IV.1998, Baviera C. (BCPC); Tempio di Segesta, 3.V.2009, Romano M. (FEI)

Notes. Common and widespread in Sicily, from low to high altitudes, recorded also from Favignana and Lipari (Sama 2005; Lo Cascio *et al.* 2006). Previously not recorded from Nebrodi and Madonie, and from Trapani province.

Deilini Fairmaire, 1864

***Deilus* Audinet-Serville, 1834**

Deilus fugax (Olivier, 1790)

Chorotype - TUM

Host plants - FAB (*Calycotome*, *Spartium*, *Cytisus*, *Sarothamnus*, *Genista*)

Trophic category - POL

New records - **Messina:** Città, Annunziata, 15.V.2001, Baviera C. (BCPC); Torre Faro, Granatari, 18-25.V.2000, Baviera C. (BCPC); ditto, 12.V.2001, Baviera C. (BCPC); Acquarone, 22.V.2000, Baviera C. (BCPC); Monti Peloritani, Monte Antennammare, 1133 m a.s.l., 28.V.2016, Baviera C. (BCPC); Monte Ciccìa, 500 m a.s.l., 17.V.2014, Altadonna G. (AGPC); Monte Scuderi, 1200 m a.s.l., 22.V.2004, Baviera C. (BCPC); Montalbano Elicona, Bosco di Malabotta, 11.VI.2004, Baviera C. (BCPC); Montalbano Elicona, Santa Barbara, 630 m a.s.l., 01.V.2013, Altadonna G. (AGPC); Monti Nebrodi, San Fratello, 1300 m a.s.l., 20.V.2000, Baviera C. (BCPC); ditto, 17.V.2002, Baviera C. (BCPC); ditto, 07.VI.1997, Sparacio I. (SIPC); Mistretta, 31.V.1982, Sparacio I. (SIPC); ditto, 4.VI.1992, Sparacio I. (SIPC); Alcara Li Fusi, Piano di Arzano, 800 m a.s.l., 22.VI.2013, Altadonna G. (AGPC); Santa Domenica Vittoria, C.da Iuncarà, 800 m a.s.l., 23.VI.2013, Altadonna G. (AGPC); Isole Eolie, Isola di Vulcano, Piano, 330 m a.s.l., 14.VI.2012, Altadonna G. (AGPC); ditto, Vallonazzo, 200 m a.s.l., 09.VI.2013, Altadonna G. (AGPC); Isola di Salina, 10-12.V.2007, Baviera C. (BCPC); **Catania:** Randazzo, Poggio Rotondo, 985 m a.s.l., 23.VI.2013, Altadonna G. (AGPC); Castiglione di Sicilia, Fiume Alcantara, Cuba Bizantina, 19.V.2010, Baviera C. (BCPC); Fiume Alcantara, Calatabiano, 19.V.2010, Baviera C. (BCPC); Etna, Linguaglossa, 900 m a.s.l., 16.V.2003, Baviera C. (BCPC); Piano Provenzana, 2000 m a.s.l., 15.VI.2003, Baviera C. (BCPC); Maletto, Fontanamurata, 18.V.1996, Bella S. and Turrìsì G.F. (BSPC); Monte Scavo, m 1800, 5.VI.2000, Turrìsì G.F. (TGPC); Ragalna, Contrada Milia, 25.V.1996-9.VI.1996, Turrìsì G.F. (TGPC); Pineta Ragabo, Caserma Pitarrone, 31.V.1998, Turrìsì G.F. (TGPC); Belpasso, Timpazza, m 600, ex larva sf. 16.IV.2001 da *Spartium junceum*, Turrìsì G.F. (TGPC); Zafferana Etnea, 5/6.VII.2002, Sparacio I. (SIPC); Nicolosi, 17.VI.1996, Bella S. (BSPC); **Enna:** Monti Nebrodi, Cerami, 05.V.2015, Baviera C. (BCPC); **Caltanissetta:** Sutura, contrada Casalicchio, 4.I.1987, Sparacio I. (SIPC); **Agrigento:** Siculiana, Torre Salsa, 7.V.2011, Muscarella C. (MCPC); **Palermo:** Castronovo, 23.V.1989, Sparacio I. (SIPC); Terrasini, Foce Nocella, 4.VI.1984, dentro rami di *Spartium junceum*, 30.IV.1982, Sparacio I. (SIPC); Pollina, 18.VI.1982, Bellavista M. (MCBC); Giacalone, 12.VI.1980, Sparacio I. (SIPC); Termini Imerese, Foce fiume Torto, 28.V.2011, Muscarella C. (MCPC); Sicani, Piana degli Albanesi, Diga Scanzano, 11.VI.1980, Sparacio I. (SIPC); Madonie, Montaspro, 18.VI.1980, Sparacio I. (SIPC); Foci F. Pollina, 20.V.1981, Sparacio I. (SIPC); **Trapani:** Selinunte, 22.V.1996, Sparacio I. (SIPC)

Notes. Common and widespread in Sicily (mainly in Messina and Palermo provinces), also recorded from Filicudi and Vulcano (Cecchi and Lo Cascio 2000; Sama 2005) from sea level to 2000 m a.s.l. on Etna. Newly recorded from Salina, and Caltanissetta and Trapani provinces.

Callichromatini Swainson and Shuckard, 1840

***Aromia* Audinet-Serville, 1834**

Aromia moschata (Linnaeus, 1758)

Chorotype - CAE

Host plants - SAL (*Salix*, *Populus*), BET (*Alnus*), ACE (*Acer*: Duffy 1953)

Trophic category - POL

New records - [*A. moschata ambrosiaca*] **Catania**: San Giovanni La Punta, m 320, 29.V.2000, Turrisi G.F. (TGPC); Monti Iblei, Vizzini, Fiume Vizzini, Contrada Rubalá, m 320, 9.V.1994, P. Russo (BSPC); **Palermo**: Città, Rione Portello, V.1934, Alliata R. (AVPC); ditto, Rione Quattro Camere, V.1935, Alliata R. (AVPC); Altofonte, 30.VI.1985, Aliquò V. (AVPC); ditto, 22.VI.1986, Aliquò V. (AVPC); 28.VI.1986, Aliquò V. (AVPC); Monreale, Aquino, 9.VI.1980, Bellavista M. (BMPC); Aquino presso F. Oreto, 21.VII.1979, Sparacio I. (SIPC); ditto, 14.VII.1980, Sparacio I. (SIPC); Pioppo, Fiume Lato, 28.VI.1991, Sparacio I. (SIPC); Madonie, Cefalù, 12.VII.1990, Sparacio I. (SIPC); Gibilmanna, 4.VII.1999, Sparacio I. (SIPC)

Notes. This species is very rare in Sicily nowadays probably more than in the past (Ragusa 1924; Sparacio 1992), although widespread in the Island, mainly with the subspecies *A. moschata ambrosiaca* Steven, 1809 (Sama and Schurmann 1980; Sama 1988; Sparacio 1992; Sama 2005). The presence of *Aromia moschata moschata* in Sicily was firstly reported by B. Romano (1849), then by Vitale (1936) (Messina) and Aliquò and Mignani (1988). The latter reported the occurrence of *A. moschata ambrosiaca* together with *A. moschata moschata* in the same environment (Palermo, Altofonte) (Aliquò and Mignani 1988). The specimen reported by Sparacio (1992) was collected by Vitale in Messina and actually preserved in Alliata collection (Terrasini Museum). The two taxa are sympatric in mainland Italy, Spain and Turkey, although it is commonly accepted that the nominative subspecies is distributed only in the Northern parts of the countries, while *A. moschata ambrosiaca* is distributed in the Southern parts (Özdikmen, Kaya, and Cihan 2014). Moreover, among Italian regions, Sicily is one of the southern regions where the two taxa are sympatric, like Basilicata (see Sama (1999)), and probably Campania. In all these regions *A. moschata ambrosiaca* is more common than *A. moschata moschata*, contrary to what happens in Lazio, Veneto and Liguria (Sama and Rapuzzi 2011). As two subspecies cannot overlap their distribution, it seems evident that they could not be treated as subspecies but as two valid species or alternatively, as two chromatic patterns within the same species (polymorphic species). To this regard, Sparacio (1992) and more recently Özdikmen, Kaya, and Cihan (2014) suggested that the two taxa are probably good species. To solve this taxonomic treatment it is necessary to carry out further researches.

Callidiini Kirby, 1837***Hylotrupes Audinet-Serville, 1834****Hylotrupes bajulus* (Linnaeus, 1758)

Chorotype - PAL

Host plants - PIN (*Pinus*, *Abies*, *Picea*), [*Populus*, *Tamarix*, *Ulmus*, *Quercus*, *Robinia*, *Corylus*, Pollini (1998)]

Trophic category - OLI

New records - **Messina**: Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 07.VII.2002, Baviera C. (BCPC); ditto, 26.VI.2001, Baviera C. (BCPC); Musolino dint., 800 m a.s.l., 08.VIII.1998, Baviera C. (BCPC); **Catania**: Città, 6.VI.1995, Russo P. (BSPC); Pineta di Linguaglossa, m 1400, 19.VII.1996, Costa G. (BSPC); Milo, Casa Pietracannone, 25.VIII.1996, Bella S. (BSPC); ditto, 27.VII.2000,

Bella S. (BSPC); Etna, Piano Provenzana, 1800 m a.s.l., 04.VIII.2000, Baviera C. (BCPC); **Ragusa**: Pineta di Vittoria, 25.V.1985, Sparacio I. (SIPC); **Enna**: Città, 5.VII.1968, Aliquò V. (AVPC); **Palermo**: Città, 2.VII.1996, Aliquò V. (AVPC); Altofonte, 15.VII.2003, Aliquò V. (AVPC); Madonie, Piano Zucchi, dint. 1200 m a.s.l. Baviera C. (BCPC); ditto, 29.VIII.1996, Aliquò V. (AVPC); Piano Battaglia, 3.VII.2011, Brancato A. (FEI); **Trapani**: Marausa, 1.VII.2009, Barraco L. (FEI); Isole Egadi, Favignana, IX.2015, Sercia G. (SIPC); Levanzo, Dintorni Cala Calcara, 28.VI.2016, Muscarella C. (MCPC)

Notes. Common and widespread in Sicily (Sama 2005), recently reported also from Lampedusa and Linosa in Pelagie Islands (Goggi 2004), Lipari and Salina (Cecchi and Lo Cascio 2000; Lo Cascio *et al.* 2006). Never reported before from Peloritani and Madonie, Trapani and Enna provinces and Egadi Islands. The species is considered monophagous on Pinaceae thus, the host plant genera reported by Pollini (1998) in our opinion, need confirmation.

***Ropalopus* Audinet-Serville, 1834**

Ropalopus (Ropalopus) siculus (Stierlin, 1864)

Chorotype - MED

Host plants - ACE (*Acer*)

Trophic category - MON

Notes. Rare in Sicily, currently known only from Madonie and Nebrodi (Sama and Schurmann 1980; Sama 1988; Sama 2005; Rapuzzi and Sama 2006). Considered since its description as an endemic Sicilian species, it was recently found also in Greece (Dutru and Le Restif 2002; Berger 2005). *Ropalopus siculus* is reported as Endangered (EN) in the Red List of Italian Saproxyllic Beetles (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015).

***Pyrrhidium* Fairmaire, 1864**

Pyrrhidium sanguineum (Linnaeus, 1758)

Chorotype - EUM

Host plants - FAG (*Quercus*, *Castanea*, *Fagus*), COY (*Carpinus*), ULM (*Ulmus*), HIP (*Aesculus*), BET (*Betula*), ROS (*Malus*), PIN (*Pinus*, *Abies*)

Trophic category - POL

Notes. Only known from two specimens collected by Baudi in Madonie (Castelbuono) (Ragusa 1924), never recollected thereafter in the Island (Sama 2005). The presence of this species in Sicily, although plausible, needs further confirmation because the most southern Italian records are in Basilicata (Sama 2005).

***Leioderes* Redtenbacher, 1849**

Leioderes kollari (Redtenbacher, 1849)

Chorotype - SICI (EUR)

Host plants - ACE (*Acer*), ULM (*Ulmus*), FAG (*Quercus*), COY (*Carpinus*, *Ostrya*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, 2007, Baviera C. (BCPC); ditto, 2014, Baviera C. (BCPC)

Notes. Very rare in mainland Italy, previously recorded in Sicily only from Madonie (Piano Zucchi: (Sama 1999, 2005) and Vallone Pomieri: (Rapuzzi and Sama 2006)) with the endemic subspecies *L. kollari jacopoi* Rapuzzi and Sama, 2010. Previously not recorded from Nebrodi. This taxon is reported as Critically Endangered (CR) in the Red List of Italian Saproxyllic Beetles (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015).

Phymatodes Redtenbacher, 1849

Phymatodes (Phymatodes) testaceus (Linnaeus, 1758)

Chorotype - PAL

Host plants - FAG (*Quercus*, *Fagus*, *Castanea*), COY (*Carpinus*, *Corylus*), ROS (*Prunus*), SAL (*Salix*, *Populus*), OLE (*Fraxinus*), FAB (*Robinia*), API (*Conium*, Duffy (1953)), ULM (*Ulmus*), JUG (*Juglans*), PIN (*Tsuga*, *Picea*)

Trophic category - POL

New records - **Messina**: Città, Tremestieri, 35 m a.s.l., 14.IV.2011, Altadonna G. (AGPC); Monti Peloritani, Montalbano Elicona, Bosco di Malabotta, 23.V.2006, Baviera C. (BCPC); Isole Eolie, Vulcano, 12.VIII.2011, Brancato A. (FED); **Catania**: Ragalna, Contrada Milia, m 1250, 30.IV.2000, Bella S. (BSPC); Etna, Piano Provenzana, 2100 m a.s.l., 14.VI.2002, Baviera C. (BCPC); Adrano, Osservatorio, 1400 m a.s.l., 12.VI.2011, Baviera C. (BCPC); Nicolosi, Monte Sona, m 1300, 2.VI.2000, Turrisi G.F. (TGPC); Linguaglossa, 6.VI.1998, Costa G. (BSPC); Linguaglossa, Pineta di Ragabo, 1.VI.2014, Muscarella C. (MCPC); **Palermo**: Cinisi, Piano Margi, VII.2008, Bellavista M. (MCBC); Monti Sicani, Palazzo Adriano, 13.VIII.2000, Bellavista M. (MCBC); Piana degli Albanesi, 12.VI.1996, Sparacio I. (SIPC); ditto, 16.VI.1996, Sparacio I. (SIPC); ditto, 5.VII.1995, Sparacio I. (SIPC); ditto, ex *Quercus robur* 15-28.IV.1995, Sparacio I. (SIPC); ditto, 4-10.V.1995, Sparacio I. (SIPC); ditto, 23.V.1995, Sparacio I. (SIPC); ditto, 17.VI.1995, Sparacio I. (SIPC); Piana degli Albanesi, Diga Scanzano, 8.VII.2008, Sparacio I. (SIPC); Madonie, Gratterì, 12.VI.2004, Aliquò V. (AVPC); ditto, VIII.2004, Aliquò V. (AVPC); Bosco sopra Piano Battaglia 1700 m, VII.2007, Aliquò V. (AVPC); Petralia Sottana, 6.VI.2009, Sparacio I. (SIPC); **Trapani**: Monte Inici, 25.VI.2001, Bellavista M. (MCBC); ditto, 12.VI.2009, Bellavista M. (SIPC); ditto, 25.VI.2010, Bellavista M. (BMPC)

Notes. Common to very common in Northern Italy, rare in Southern Italy and Sicily, although it could be locally abundant and widespread. Previously reported from Siracusa, Catania (Ragusa 1924), Messina, (Vitale 1920), Sicani (La Mantia *et al.* 2010), Madonie (Ragusa 1924; Sama and Schurmann 1980; Sama 1988; Sama 2005; Rapuzzi and Sama 2006), Nebrodi (Rapuzzi and Sama 2006) and Lampedusa (Gridelli 1960). This species is confirmed from Peloritani and firstly recorded from Aeolian Islands, Etna and Trapani province.

Phymatodes (Poecilium) alni (Linnaeus, 1767)

Chorotype - TUE

Host plants - FAG (*Quercus*, *Castanea*), BET (*Alnus*), ACE (*Acer*), ULM (*Ulmus*), COY (*Corylus*, *Carpinus*), OLE (*Fraxinus*) ROS (*Rosa*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, Lago Maulazzo, 1400 m a.s.l., 05.VIII.2003, Baviera C. (BCPC); Monti Peloritani, Itala, Badia, 29.IV.2004, Camino F. (CFPC); **Agrigento**: Monte

Genuardo, 700 m a.s.l., 28.V.2007, Baviera C. (BCPC); **Palermo**: Madonie, Munciarrati, ex *Quercus*, 29.III.1984/19.IV.1984, Sparacio I. (SIPC)

Notes. Uncommon but widespread in Sicily, reported from Sicani, Madonie, Nebrodi, Peloritani and Etna (Sama 2005; Rapuzzi and Sama 2006; Contarini 2007). Previously not recorded from Agrigento province.

Phymatodes (Phymatoderus) lividum (Rossi, 1794)

Chorotype - MED

Host plants - FAG (*Quercus*, *Castanea*, *Fagus*), ULM (*Ulmus*), SAL (*Salix*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, Lago Maulazzo, 1400 m a.s.l., 05.VIII.2003, Baviera C. (BCPC); Monti Peloritani, Itala, Badia, 29.IV.2004, Camino F. (CFPC); **Agrigento**: Monte Genuardo, 700 m a.s.l., 28.V.2007, Baviera C. (BCPC); **Palermo**: Madonie, Munciarrati, ex *Quercus*, 29.III.1984/19.IV.1984, Sparacio I. (SIPC)

Notes. Rare in Sicily, reported only from Messina (Vitale 1936), Nebrodi and Madonie (Sama and Schurmann 1980; Sama 2005; Rapuzzi and Sama 2006) (sub *Poecilium lividum*).

Clytini Mulsant, 1839

***Xylotrechus* Chevrolat, 1860**

Xylotrechus (Xylotrechus) antilope (Schönherr, 1817)

Chorotype - TUE

Host plants - FAG (*Quercus*, *Castanea*)

Trophic category - MON

New records - **Messina**: Isole Eolie, Vulcano, 12.VIII.2011, Brancato A. (FEI)

Notes. Reported from Sicily for the first time in 1999 (Sama 1999), known only from Madonie (Gibilmanna and Piano Zucchi: Rapuzzi and Sama 2006) and Nebrodi (Mount Soro: Sama 1999, 2005), (Portella di Femmina Morta and Portella dell'Obolo: Rapuzzi and Sama 2006), and Sicani (Ficuzza woods: La Mantia *et al.* 2010). First record from Aeolian Islands.

Xylotrechus (Xylotrechus) arvicola (Olivier, 1795)

Chorotype - TEM

Host plants - COY (*Carpinus*, *Ostrya*, *Corylus*), ROS (*Crataegus*, *Prunus*, *Sorbus*, *Cydonia*, *Malus*, *Pyrus*), FAG (*Quercus*, *Fagus*), ACE (*Acer*), ULM (*Ulmus*), BET (*Betula*), MOR (*Morus*), TIL (*Tilia*), PIN (*Pinus*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, Biviere di Cesarò, 02.VII.2005, Baviera C. (BCPC); San Fratello, VII.1985, Aliquò V. (AVPC); Monte Soro, 1800 m a.s.l.03.VII.1992, Baviera C. (BCPC); Lago Maulazzo, 1400 m a.s.l., 18.VII.2015, Altadonna G. (AGPC); **Catania**: Etna, Piano Provenzana, 2200 m a.s.l., 10.VII.2002, Baviera C. (BCPC); ditto, 04.VIII.2002, Baviera C. (BCPC); ditto, 1900 m a.s.l., 10.VIII.1998, Baviera C. (BCPC); ditto, 1800 m a.s.l., 10.VIII.1998, Bella S. (BSPC); ditto, 21.VII.1995, Sparacio I. (SIPC); Linguaglossa, 28.VII.1995, Costa G. (BSPC); ditto, 15.VIII.1996, Costa G. (BSPC); Sant'Alfio, Bosco Cerrita, 1500 m a.s.l., 01.VII.2004, Baviera C. (BCPC); ditto, 27.XI.2001 ex *Betula aetnensis* Baviera C. (BCPC); Piano Vetore, VIII.1995, Bella S. (BSPC); Caltagirone, Bosco di Santo Pietro, Torrente Ficuzza, 22.VI.1988, Sparacio I. (SIPC); **Palermo**: Città,

1962, Aliquò V. (AVPC); Cinisi, Bosco di Santo Canale, 10.VII.2008, Bellavista M. (SIPC); Madonie, Pizzo Carbonara, 29.VII.2009, Muscarella C. (MCPC); Piano Battaglia, 1600 m a.s.l., 03.VIII.2014, Baviera C. (BCPC); ditto, 09.VII.2016, Baviera C. (BCPC); Pizzo Antenna, 14.VII.1993, Turrisi G.F. (TGPC); Monti Sicani, Piana degli Albanesi, 4.VII.1996, Sparacio I. (SIPC); Piana degli Albanesi, Diga Scanzano, 8.VII.2008, Sparacio I. (SIPC); **Trapani**: Castellammare del Golfo, Monte Inici, 20.VII.2010, Bellavista M. (BMPC)

Notes. Known in Sicily from Madonie, Nebrodi, Etna (Sama 2005; Rapuzzi and Sama 2006; Contarini 2007) and Sicani (Ficuzza woods: La Mantia *et al.* 2010). Never reported before on *Betula aetnensis* and firstly recorded from Trapani province.

Xylotrechus (Xylotrechus) stebbingi Gahan, 1906

Chorotype - SCOS

Host plants - MOR (*Morus*, *Ficus*), SAL (*Salix*)

Trophic category - OLI

New records - **Messina**: Torre Faro, Contrada Granatari, 10.V.2009, Baviera C. (BCPC); Sant'Agata, Sperone, 25.VII.2016, Baviera C. (BCPC); Isole Eolie, Vulcano, 05.VI.2011, Brancato A. (FEI); **Palermo**: Sciara (ex larva), VI.2013, Baragona A. (FEI); Altofonte, 3.VII.2014, Muscarella C. (MCPC); **Trapani**: Mazara del Vallo, Borgata Costiera, 04.VI.2015, Castelli D. (FEI); ditto, 06.VI.2016, Castelli D. (FEI)

Notes. An established exotic species widespread in Italy, reported only recently from Sicily (Messina: Sama and Rapuzzi 2011). Firstly recorded from Aeolian Islands and Western Sicily. It could be considered as naturalized in Sicily.

***Clytus* Laicharting, 1784**

Clytus (Clytus) clavicornis (Reiche, 1860)

Chorotype - SICI

Host plants - FAG (*Castanea*, *Fagus*), ACE (*Acer*)

Trophic category - OLI

New records - **Messina**: Francavilla di Sicilia, Fiume Alcantara, Le Gurne, 30.IV.2016, Baviera C. (BCPC); Monti Nebrodi, Monte Soro, in ovideposizione su *Fagus*, 11.VI.1991, Sparacio I. (SIPC); ditto, Portella Calacudera, 21.VI.1992, Bella S. (BSPC); **Enna**: Piazza Armerina, 19.XII.2009, Leg Petrioli A. (FEI); **Trapani**: Alcamo, 30 IV 2015, C. Muscarella (MCPC)

Notes. Endemic Sicilian species, described from Madonie, where it is common (Rapuzzi and Sama 2006), and later reported from Sicani (Ficuzza woods: La Mantia *et al.* (2010), Nebrodi and Etna (San Gregorio and Zafferana) (Sparacio, Bella, and G. F. Turrisi 2003; Sabella and Sparacio 2004; Sama 2005; Contarini 2007). Recently recorded from Peloritani (Malabotta Wood: Contarini 2007; Baviera 2009). Firstly reported on *Fagus* and newly recorded from central Sicily and Trapani province. *Clytus clavicornis* is reported as Vulnerable (VU) in the Red List of Italian Saproxyllic Beetles (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015).

Clytus (Clytus) rhamni (Germar, 1817)

Chorotype - TUE

Host plants - ROS (*Prunus*), FAB (*Robinia*, *Coronilla*), FAG (*Quercus*, *Castanea*), RHA (*Rhamnus*, *Paliurus*), ULM (*Ulmus*), MOR (*Ficus*), STY (*Styrax*), CIS (*Cistus*), ANA (*Pistacia*)

Trophic category - POL

New records - **Messina**: Torre Faro, Granatari, 09.VI.1995, Baviera C. (BCPC); Monti Nebrodi, Santa Domenica Vittoria, Poggio Rotondo, 1215 m a.s.l., 23.VI.2013, Altadonna G. (AGPC); **Catania**: Piano Vetore, 26.VI.1999, Bella S. (BSPC); Maletto, Fontanamurata, 28.VI.1998, Turrisi G.F. (BSPC); **Siracusa**: Marina di Melilli, 16.V.1969, Aliquò V. (AVPC); **Caltanissetta**: Niscemi, Bosco di Niscemi, 20.V.1982, Sparacio I. (SIPC); **Palermo**: Aquino, presso F. Oreto, 2.VI.1980, Sparacio I. (SIPC); Madonie, Torre Madonie Montaspro, 7.VI.1981, Bellavista M. (MCBC); ditto, 7.VI.1981, Sparacio I. (SIPC); Piano Battaglia, 26.VI.1965, Aliquò V. (AVPC); Gibilmanna, 10.VI.1973, Aliquò V. (AVPC); ditto, 10.VII.1977, Aliquò V. (AVPC); ditto, 14.VI.1998, Sparacio I. (SIPC); Gibilmanna, Monte Carbonara, 9.VI.2001, Sparacio I. (SIPC); Gratteri, 14.VI.1992, Aliquò V. (AVPC); ditto, 4.VI.1994, Aliquò V. (AVPC), 13.VI.1999, Aliquò V. (AVPC); Foci F. Pollina, 20.V.1981, Sparacio I. (SIPC); Monti Sicani, Piana degli Albanesi, 27.VI.1971, Aliquò V. (AVPC); ditto, 24.VI.1995, Sparacio I. (SIPC); ditto, 4.VII.1995, Sparacio I. (SIPC); ditto, 1.VI.2000, Sparacio I. (SIPC); **Trapani**: Castellammare del Golfo, RNO Zingaro, 19-21.V.2003, Baviera C. (BCPC)

Notes. Common in mainland Italy and Northern Sicily, from Sicani to Peloritani (Sama 2005; La Mantia *et al.* 2010). Previously not recorded from Trapani, Siracusa and Caltanissetta provinces.

***Pseudosphegthes* Reitter, 1913**

Pseudosphegthes cinerea (Laporte and Gory, 1836)

Chorotype - WEU

Host plants - FAG (*Quercus*, *Fagus*)

Trophic category - MON

New records - **Messina**: Monti Nebrodi, Bosco di Mangalaviti 27.VI.2013, Muscarella C. (MCPC)

Notes. Uncommon in mainland Italy and Sicily, reported only from Madonie (Piano Zucchi, Montaspro, Pomieri) and Nebrodi (Portella di Femmina Morta) (Sama and Schurmann 1980; Sama 2005; Rapuzzi and Sama 2006).

***Plagionotus* Mulsant, 1842**

Plagionotus arcuatus (Laporte and Gory, 1836)

Chorotype - TUE

Host plants - FAG (*Quercus*, *Fagus*, *Castanea*), ROS (*Prunus*), FAB (*Robinia*), COY (*Carpinus*), SAL (*Salix*)

Trophic category - POL

New records - **Catania**: Maletto, Fontanamurata, 29.VI.1997, Turrisi G.F. (TGPC); **Palermo**: Madonie, Gratteri dintorni, 12.VI.2004, Aliquò V. (AVPC)

Notes. Very uncommon species in Sicily, reported from Madonie (Piano Zucchi, Castelbuono and Piano Battaglia), Nebrodi (Mount Soro, Portella di Femmina Morta), Messina (Vitale 1920, 1936; Sama 1988; Sama 2005; Rapuzzi and Sama 2006) and, recently, Sicani (Ficuzza woods: La Mantia *et al.* 2010). Newly reported from Catania province.

***Echinocerus* Mulsant, 1862**

Echinocerus floralis (Pallas, 1773)

Chorotype - SIE

Host plants - EUP (*Euphorbia*), FAB (*Medicago*), AST (*Achillea*)

Trophic category - POL

Notes. Known from Sicily only by the records from Messina (sub *Plagionotus floralis*: Vitale 1932, 1936).

Neoplacionotus Kasatkin, 2005

Neoplacionotus scalaris (Brullé, 1832)

Chorotype - WME

Host plants - MAL (*Malva, Lavatera*)

Trophic category - MON

New records - **Messina:** Monti Peloritani, Montalbano Elicona, Bosco di Malabotta, 23.V.2006, Baviera C. (BCPC); Monte Scuderi, 1200 m a.s.l., 31.V.2005, Baviera C. (BCPC); ditto, 25.VI.2005, Baviera C. (BCPC); **Catania:** Linguaglossa, 30.IV.1998, Bella S. (BSPC); Tremestieri Etneo, 2.VII.1992, Turrisi G.F. (TGPC); Milo, 5-6.VII.2002, Sparacio I. (SIPC); Fiume Vizzini, Poggio Morbano, 1.VI.1996, Bella S. (BSPC); **Siracusa:** Sortino, 4.VI.1987, Sparacio I. (SIPC); Sortino presso F. Anapo, 1.VI.1988, Sparacio I. (SIPC); Sortino, Contrada Fusco, Valle dell'Anapo, 18.V.1996, Bella S. (BSPC); **Caltanissetta:** Bosco di Niscemi, 20.V.1982, Sparacio I. (SIPC); ditto, 25.V.1983, Sparacio I. (SIPC); **Agrigento:** Siculiana, Torre Salsa, 4.V.2013, Muscarella C. (MCPC); **Palermo:** Sfferracavallo, Barcarello, 15/18.V.1982, Bellavista M. (BMPC); Castronovo, 23.V.1989, Sparacio I. (SIPC); ditto, 4.VI.2012, Bellavista M. (BMPC); Monti Sicani, Palazzo Adriano, 27-29.V.2007, Baviera C. (BCPC); Piana degli Albanesi, 23.VI.2000, Sparacio I. (SIPC); **Trapani:** Cave di Cusa, 4-5.V.1997, Sparacio I. (SIPC)

Notes. Common and widespread in Southern Italy and Sicily (often reported as *Plagionotus siculus* (Laporte de Castelnau and Gory, 1836): Sama and Schurmann 1980; Sama 1988; Sama 2005; Rapuzzi and Sama 2006); previously not recorded from Peloritani, and Trapani and Caltanissetta provinces.

Chlorophorus Chevrolat, 1863

Chlorophorus (Perderomaculatus) sartor (Müller, 1766)

Chorotype - TUE

Host plants - FAG (*Quercus, Castanea, Fagus*), FAB (*Robinia, Cytisus*), ANA (*Pistacia*), CES (*Ceratonia*), ULM (*Ulmus*), COY (*Ostrya*), MOR (*Ficus*), SAL (*Salix*), CES (*Gleditsia*), ROS (*Crataegus*), RHA (*Paliurus*)

Trophic category - POL

New records - **Messina:** Torre Faro, Granatari, 27.V-05.VI.2000, Baviera C. (BCPC); ditto, 12.V.2001, Baviera C. (BCPC); ditto, 20.IV.1995, Baviera C. (BCPC); Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 26.VI.2001, Baviera C. (BCPC); Musolino dint., 800 m a.s.l., 04.VI.2000, Baviera C. (BCPC); Gualtieri Sicaminò, Cascate Cataolo, 16.VI.2001, Bella S. (BSPC); Montalbano Elicona, Sorgenti Melizzo, 1089 m a.s.l., 27.VII.2013, Altadonna G. (AGPC); ditto, 11.VII.2015, Altadonna G. (AGPC); Nebrodi, Portella di Femmina Morta, 05.VII.1981, Bellavista M. (MCBC); Cesarò, Colle Finocchio, 1143 m a.s.l. 6.VII.2014, Altadonna G. (AGPC); Pettineo, Piano d'Olmo, 620 m a.s.l., 4.VII.2015, Altadonna G. (AGPC); **Catania:** Castiglione di Sicilia, Fiume Alcantara, Cuba Bizantina, 28.V.2010, Baviera C. (BCPC); Fontanamurata, 29.VI.1996, Turrisi G.F. (TGPC); Bronte, m 700, 31.V.2000, Bella S. (BSPC); San Gregorio di Catania, Immacolatelle, 05-12.VI.1996, Bella S. (BSPC); Milo, Casa Pietracannone, 12.VII.1998, Turrisi G.F. (TGPC); F. Alcantara, Calatabiano, 4.VI.1999, Turrisi G.F. (TGPC); **Siracusa:** Florida, 23.V.1968, Aliquò V. (AVPC); Siracusa dintorni, 29.V.1968,

Aliquò V. (AVPC); ditto, 17.VI.1968, Aliquò V. (AVPC); Cassaro, 18.VI.1969, Aliquò V. (AVPC); **Ragusa**: Pineta di Vittoria, 25.V.1985, Sparacio I. (SIPC); **Agrigento**: Foce Platani, 13.V.2011, Muscarella C. (MCPC); Eraclea Minoa, 21.V.2011, Muscarella C. (MCPC); **Palermo**: Città, Borgo Ulivia, 25.V.1979, Bellavista M. (MCBC); ditto, 26.V.1979, Sparacio I. (SIPC); Addaura, 27.V.1962, Aliquò V. (AVPC); Aquino, presso F. Oreto, 2.VI.1980, Sparacio I. (SIPC); ditto, 3.VII.1980, Sparacio I. (SIPC); Parco della Favorita, 17.VI.2006, Muscarella C. (MCPC); San Mauro Castelverde, Pizzo Vuturo, 1000 m a.s.l., 4.VII.2015, Altadonna G. (AGPC); Fiume Imera Sett., Buonformello, 13.VI.2010, Muscarella C. (MCPC); Carini, 20.V.1979, Sparacio I. (SIPC); Bagheria, Monte Catalfano, 28.V.2008, Muscarella C. (MCPC); Termini Imerese, Foce Imera, 13.VI.2010 Muscarella C. (MCPC); Madonie, Gole del Tiberio, 8.VI.2008, Muscarella C. (MCPC); Montaspro, 7.VI.1981, Sparacio I. (SIPC); Gratteri, 30.V.1992, Aliquò V. (AVPC); Foci F. Pollina, 20.VI.1981, Sparacio I. (SIPC); Monti Sicani, Piana degli Albanesi, 21.VI.1970, Aliquò V. (AVPC); Contessa Entellina, Battellaro, VII.1953, Aliquò V. (AVPC); **Trapani**: Castellammare del Golfo, RNO Zingaro, 19-21.V.2003, Baviera C. (BCPC)

Notes. One of the most widespread and common Cerambycidae in Sicily, recorded also from many Sicilian Islands: Levanzo (Sama 2005), Vulcano (Cecchi and Lo Cascio 2000), Alicudi and Panarea (Lo Cascio *et al.* 2006). Recently reported as larva on *Zelkova sicula* Di Pasquale, Garfi and Quézel, 1992 (a relict species from the Tertiary period, endemic to Sicily, considered one of the rarest and most endangered woody species in the world) in Melilli, Siracusa (Sidoti *et al.* 2016). Previously not recorded from Ragusa province.

Chlorophorus (Crassofasciatus) trifasciatus (Fabricius, 1781)

Chorotype - MED

Host plants - FAB (*Ononis*, *Dorycnium*)

Trophic category - MON

New records - **Messina**: Torre Faro, Granatari, 18-23.V.2000, Baviera C. (BCPC); ditto, 27.V-05.VI.2000, Baviera C. (BCPC); ditto, 09.VI.1995, Baviera C. (BCPC); Monti Peloritani, Monte Antennamare, 1133 m a.s.l., 27.VII.1999, Baviera C. (BCPC); Oliveri, 28.IV.2001, Baviera C. (BCPC); Monti Nebrodi, Longi, 1300 m a.s.l., 25.VII.2004, Baviera C. (BCPC); Portella di Femmina Morta, 9.VII.1983, Aliquò V. (AVPC); Tusa, Cozzo Lissanó, 760 m a.s.l., 28.VI.2016, Altadonna G. (AGPC); Cesarò, Colle Finocchio, 1143 m s.l.m., 6.VII.2014, Altadonna G. (AGPC); Caronia, Portella Calcari, 19.V.2012, Muscarella C. (MCPC); **Catania**: Monti Iblei, Vizzini, F. Vizzini, C.da Rubalá, 16.V.1999, Turrisi G.F. (TGPC); **Palermo**: Addaura, 8.VI.1963, Aliquò V. (AVPC); Balestrate, Torrente Cataldo, 21.V.1994, Sparacio I. (SIPC); Madonie, Gratteri, 23.VII.1996, Aliquò V. (AVPC); ditto, 23.VI.1999, Aliquò V. (AVPC); ditto, 10.VI.2006, Aliquò V. (AVPC); Castelbuono, Piano Pomo, 31.VII.2013, Muscarella C. (MCPC); Gibilmanna, 27.VI.1999, Sparacio I. (SIPC); ditto, 6.VII.2013, Muscarella C. (MCPC); Bosco Gibilmanna 700 m, VI.2007, Aliquò V. (AVPC); **Trapani**: Castellammare del Golfo, RNO Zingaro, 19-21.V.2003, Baviera C. (BCPC); San Vito Lo Capo, 28.VI.1997, Sparacio I. (SIPC); Castelvetrano, Foce Belice, 21.VI.2012, Muscarella C. (MCPC).

Notes. Uncommon but widespread in Sicily (Sicani, Madonie, Erei, Iblei) (Sama 2005), previously reported from Messina province only by specimens preserved in Alliata collection (Nebrodi: Zappulla, Rocca di Caprileone, Caprileone) (Sparacio 1992; Sama 2005). Previously not recorded from Peloritani, Iblei, Trapani and Catania provinces.

Chlorophorus (Immaculatus) glabromaculatus (Goeze, 1777)

Chorotype - EUR

Host plants - FAG (*Quercus*, *Castanea*, *Fagus*), FAB (*Robinia*), VIT (*Vitis*), ACE (*Acer*), ULM (*Ulmus*, *Zelkova*), ROS (*Prunus*, *Rosa*), SAL (*Salix*, *Populus*), JUG (*Juglans*), MOR (*Ficus*), BET

(*Alnus*), PIN (*Juniperus*)

Trophic category - POL

New records - **Messina**: Torre Faro, Granatari, 23-27.VII.2000, Baviera C. (BCPC); Tremestieri, 20.VII.2016, Altadonna G. (AGPC); Monti Peloritani, Fondachelli Fantina, Fantina, Ruzzolino, 400 m s.l.m., 30.VII.2016, Altadonna G. (AGPC); Monti Nebrodi, Portella di Femmina Morta, 1542 m a.s.l.02.VII.2002, Baviera C. (BCPC); ditto, V.2003 (BCPC); Portella Maulazzo, 1400 m a.s.l., ex larva in *Fagus sylvatica*, 02.VIII.2001, Baviera C. (BCPC); **Catania**: Etna, Linguaglossa, 11-18.VIII.1995, Costa G. (BSPC); Milo, Caselle, VII.1999, ex larva 28.I.1998, in *Quercus ilex*, Turrisi G.F. (TGPC); San Gregorio di Catania, contrada Cerza, 19.VI.1997, in *Rosa* hybr., Bella S. (BSPC); **Siracusa**: isola, 19.VI.1996, Aliquò V. (AVPC); **Palermo**: Città, 9.VII.1962, Aliquò V. (AVPC); ditto, 22.VII.1985, Sparacio I. (SIPC); Pagliarelli, ex *Juglans regia*, 3.IV-22.V-6-22-29.VII.1981, Sparacio I. (SIPC); ex *Ulmus* sp., 14.II-28.V-30.VI-5.VII-9.VIII.1992, Sparacio I. (SIPC); Giacalone, Monte Gradara, ex *Juglans regia*, 4.IV.1982, Sparacio I. (SIPC); ditto, 24.VI.1982, Sparacio I. (SIPC); Parco della Favorita, ex *Quercus ilex*, 17.IV-12-15.VII.1983, Sparacio I. (SIPC); ditto, 17.VI.2006, Muscarella C. (MCPC); Cefalù, ex *Populus* sp., 12.III-25.VI.1984 Sparacio I. (SIPC); Madonie, Piano Cervi, 28.IV.2013, Muscarella C. (MCPC); **Trapani**: Monte Inici, 20.VIII.2010, Bellavista M. (BMPC)

Notes. Widespread but not common in Sicily (Sicani, Madonie and Etna as *C. pilosus glabromaculatus*: Sama and Schurmann (1980)); (Sama 1988; Sama 2005; Rapuzzi and Sama 2006), reported also from Lipari and Vulcano (Cecchi and Lo Cascio 2000; Lo Cascio *et al.* 2006) and from Lampedusa (Pisciotta, Sajeve, and Sparacio 2008), never recorded until now from Nebrodi and Peloritani. Firstly recorded from Trapani province and on *Juglans* and *Rosa*.

Chlorophorus (Immaculatus) varius (Müller, 1766)

Chorotype - SIE

Host plants - FAG (*Quercus*, *Castanea*), ANA (*Pistacia*), ACE (*Acer*), VIT (*Vitis*), FAB (*Robinia*, *Spartium*, *Sesbania*), ROS (*Crataegus*, *Malus*, *Prunus*, *Pyrus*), CHE (*Salicornia*), ULM (*Ulmus*), RHA (*Paliurus*), JUG (*Juglans*), MOR (*Ficus*, *Morus*), SAL (*Populus*), BET (*Alnus*), OLE (*Fraxinus*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, San Fratello, 18.VI.1980, Sparacio I. (SIPC); Pettineo, VII.1955, Aliquò V. (AVPC); Pettineo, Piano d'Olmo, 700 m a.s.l., 28.VI.2016, Altadonna G. (AGPC); **Catania**: Foci F. Simeto, 26.VI.1984, Sparacio I. (SIPC); ditto, 07.VI.2015, Altadonna G. (AGPC); Piana di Catania, Spina Santa, presso foce del Fiume Simeto, 28.V.1999, Bella S. (BSPC); ditto, 7.VII.1999, Bella S. (BSPC); Adrano, 21.VI.1988, Sparacio I. (SIPC); Acireale, 7.VII.1993, Turrisi G.F. (TGPC); **Ragusa**: Modica, VIII.2009, Risoldi V. (FEI); **Agrigento**: Siculiana, Torre Salsa, 5.VII.1996, Bella S. (BSPC); **Palermo**: Città, VI.1961, Aliquò V. (AVPC); Vicari, 6.VIII.1986, Sparacio I. (SIPC); Altofonte, VII.1961, Aliquò V. (AVPC); ditto, IX.1964, Aliquò V. (AVPC); Terrasini, Foce Nocella, 4.VI.1984, Sparacio I. (SIPC); Dint. Stazione Montemaggiore Belsito, 21.V.2010 Muscarella C. (MCPC); Termini Imerese, Foce Imera, Muscarella C. (MCPC); Madonie, Polizzi Generosa, 8.VIII.2015, Baviera C. (BCPC); Geraci, 3.VII.1977, Aliquò V. (AVPC); Pollina, 26.VI.1987, Sparacio I. (SIPC); Montaspro, 25.VII.1992, Sparacio I. (SIPC); ditto, 15.VII.1995, Sparacio I. (SIPC); Isnello, 4.VII.1999, Sparacio I. (SIPC); Piano Cervi, 18.VII.2006, Muscarella C. (MCPC); Gole del Tiberio, 8.VI.2008, Muscarella C. (MCPC); Gibilmanna, 27.VI.1999, Sparacio I. (SIPC); Monti Sicani, Corleone, 7.VII.1956, Aliquò V. (AVPC); **Trapani**: Castelvetro, 27.VI.1980, Sparacio I. (SIPC); ditto, 14.VI.2012, Muscarella C. (MCPC); ditto, 6.VI.2013, Muscarella C. (MCPC); Selinunte, 27.VI.1980, Sparacio I. (SIPC); Foce Belice, 27.VI.1980, Sparacio I. (SIPC); Porto Palo di Menfi, 1.VII.2006, Muscarella C. (MCPC); Fulgatore, 30.VI.2012, Ferrante M. (FEI)

Notes. Common and widespread in Sicily also reported from Lampedusa (Pisciotta, Sajeve, and Sparacio 2008) and Salina, Lipari, Vulcano (Cecchi and Lo Cascio 2000; Sama 2005; Lo Cascio *et al.* 2006). Previously not recorded from Nebrodi, Trapani, Agrigento and Ragusa provinces.

***Anaglyptus* Mulsant, 1839**

Anaglyptus gibbosus (Fabricius, 1787)

Chorotype - WME

Host plants - FAG (*Quercus*, *Fagus*), ACE (*Acer*), CAF (*Sambucus*), MOR (*Ficus*), FAB (*Robinia*), BUX (*Buxus*), ROS (*Rosa*, *Crataegus*, *Prunus*, *Sorbus*), AQU (*Ilex*), ULM (*Ulmus*), RHA (*Paliurus*), COY (*Carpinus*, *Corylus*)

Trophic category - POL

New records - **Messina:** Francavilla di Sicilia, Fiume Alcantara, Le Gurne, 19.V.2010, Baviera C. (BCPC); Monti Peloritani, Montalbano Elicona, Bosco di Malabotta, 11.VI.2004, Baviera C. (BCPC); ditto, 14.V.2003, Baviera C. (BCPC); ditto, 23.V.2006, Baviera C. (BCPC); Monti Nebrodi, Biviere di Cesarò, 27.V.2006, Baviera C. (BCPC); San Fratello, 1300 m a.s.l., 20.V.2000, Baviera C. (BCPC); ditto, 17.V.2002, Baviera C. (BCPC); **Enna:** Nicosia, Monte Sambughetti, 1200 m a.s.l., 19.V. 2016, Baviera C. (BCPC); **Catania:** Etna, Linguaglossa, 900 m a.s.l., 16.V.2003, Baviera C. (BCPC); ditto, 9.V.1998, Costa G. (BSPC); Belpasso, 11.VI.2016, Capici S. (FEI); **Palermo:** Petralia Sottana, 6.VI.2009, Sparacio I. (SIPC)

Notes. Uncommon in Sicily, reported only from Madonie, Sicani (Ficuzza woods), Nebrodi, Etna and Messina (Taormina) (Vitale 1936; Sama 1988; Sabella and Sparacio 2004; Sama 2005; Rapuzzi and Sama 2006). New record from Enna province.

LAMIINAE Latreille, 1825

Lamiini Latreille, 1825

***Herophila* Mulsant, 1862**

Herophila tristis (Linnaeus, 1767)

Chorotype - SEU

Host plants - MOR (*Morus*, *Ficus*), SAL (*Salix*, *Populus*), TAM (*Tamarix*), OLE (*Fraxinus*), CAR (*Dianthus*), FAB (*Robinia*, *Astragalus*, *Melilotus*), ULM (*Ulmus*), ACE (*Acer*), AST (*Onopordon*, *Artemisia*), CUP (*Cupressus*)

Trophic category - POL

New records - **Messina:** Patti, Mongiove, Galice, 28.VII.2002, Baviera C. (BCPC); Monti Peloritani, Monte Antennamare, 21.V.2000, Baviera C. (BCPC); ditto, 15.V.2002, Baviera C. (BCPC); ditto, 25.IX.2005, Baviera C. (BCPC); ditto, 29.V.2010, Baviera C. (BCPC); Calvaruso, 14.IV.1972, Aliquò V. (CVAP); Monte Scuderi, 1200 m a.s.l., 22.V.2004, Baviera C. (BCPC); Monti Nebrodi, San Fratello, 22.V.1980, Sparacio I. (SIPC); ditto, 30.V.1984, Sparacio I. (SIPC); Caronia: Caserma Moglia, 1.VIII.1989, Sabella G. (SIPC); **Catania:** Città, San Nullo, 1.IV.1996, Turrisi G.F. (TGPC); Maletto, Contrada Santa Venera, 12.I.1992, Turrisi G.F. (TGPC); Contrada Cerza, 15.IV.1996, Bella C. (BSPC); ditto, 27.IX.1997, Bella S. (BSPC); Etna, Linguaglossa, Pineta di Ragabo, 19.IV.2003, Sparacio I. (SIPC); ditto, 11.VIII.2002, Turrisi G.F. (TGPC); Milo, contrada Soglio, VI.2008, Palazzi S. (SIPC); **Enna:** Calascibetta, Contrada La Catena, m 800, 17.II.1991, Bella S. (BSPC); Nicosia, 10.VI.1993, Sparacio I. (SIPC); **Caltanissetta:** Resuttano, 7.VI.1993, Sparacio I. (SIPC); ditto,

9.VI.1993, Sparacio I. (SIPC); **Siracusa**: Monti Climiti, 3.III.1967, Aliquò V. (CVAP); Augusta, Penisola Magnisi, 23.IV.1968, Aliquò V. (CVAP); Valle dell'Anapo Contrada Fusco, 18.V.1996, Bella S. (BSPC); **Palermo**: Montelepre, Sagana, 22.VII.1992, Sparacio I. (SIPC); Altofonte, 10.VI.1996, Sparacio I. (SIPC); Alimena, 25.VI.1993, Sparacio I. (SIPC); ditto, 18.V.1994, Sparacio I. (SIPC); ditto, 26.V.1994, Sparacio I. (SIPC); ditto, 8-9.VI.1993, Sparacio I. (SIPC); ditto, 21.VI.1993, Sparacio I. (SIPC); ditto, 17.VI.1993, Sparacio I. (SIPC); Poggio San Francesco, 13.III.1981, Sparacio I. (SIPC); S. Martino delle Scale, IX.1972, Aliquò V. (CVAP); Dint. Stazione Montemaggiore Belsito, 25.V.2013, Muscarella C. (MCPC), ditto, 10.V.2014, Muscarella C. (MCPC); Lago di Caccamo, 30.XI.2011, Muscarella C. (MCPC); Madonie, Polizzi Generosa, V.1990, Belladonna M. (MCBC); Petralia Soprana, 3.V.1992, Aliquò V. (CVAP); Gratteri, 1.VI.1997, Aliquò V. (CVAP); Piano Zucchi, 21.V.1992, Sparacio I. (SIPC); Piano Cervi, 18.VII.2006, Muscarella C. (MCPC); Monti Sicani, Piana degli Albanesi, 19.III.2015, Colacurcio L. (FEI); Lago di Caccamo, dint., 23.I.2012, Muscarella C. (MCPC)

Notes. Very common and widespread in mainland Italy and Sicily (Sama 2005), also recorded from Salina (Cecchi and Lo Cascio 2000). Previously not recorded from Peloritani and Enna and Caltanissetta provinces.

***Morimus* Brillé, 1832**

Morimus asper (Sulzer, 1776)

Chorotype - SEU

Host plants - FAG (*Quercus*, *Fagus*), JUG (*Juglans*), TIL (*Tilia*), ACE (*Acer*), ARA (*Hedera*), SAL (*Salix*, *Populus*), FAB (*Robinia*), SIM (*Ailanthus*), PIN (*Abies*, *Pinus*, *Cedrus*); BET (*Alnus*), COY (*Carpinus*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Monte Antennamare, 23.VII.2000, Baviera C. (BCPC); ditto, 21.V.2004, Baviera C. (BCPC); ditto, 26.VI.2001, Baviera C. (BCPC); Camaro Superiore, 24.IV.2000, Baviera C. (BCPC); Rometta, Gimello, 03.V.2015, (MIPP); Calvaruso, 14.IX.1972, Aliquò V. (CVAP); Monte Scuderi, Contrada Ferrera, m 550, 7.VII.1995, Bella S. (BSPC); ditto, 26.VII.1996, Bella S. (BSPC); Montalbano Elicona, Bosco di Malabotta, 11.VI.2004, Baviera C. (BCPC); ditto, 14.V.2005, Baviera C. (BCPC); Monti Nebrodi, Monte Soro, 18.VI.1982, Sparacio I. (SIPC); ditto, 1.VII.1989, Sparacio I. (SIPC); ditto, 26.VI.1999, Sparacio I. (SIPC); Caronia, Pizzo Acqua dei Vitelli, 1300 m a.s.l., 3.VIII.2013, Altadonna G. (AGPC); Santa Domenica Vittoria, VI.2012, La Mantia T. (SIPC); Monte Trefinaidi, 7.VIII.2006, Muscarella C. (MCPC); Caronia, Portella Calcari, 19.V.2012, Muscarella C. (MCPC); Portella dell'Obolo, 27.V.2012, Muscarella C. (MCPC) Tortorici, 19.V.2015, (MIPP); **Enna**: Piazza Armerina, Vallone Furma, 11.VI.2011, Sparacio I. (SIPC); **Caltanissetta**: Resuttano, 10.VI.1991, Sparacio I. (SIPC); **Catania**: Etna, Rifugio Citelli, 29.VII.2015, Baviera C. (BCPC); Linguaglossa, 21.VI.1996, Costa G. (BSPC); ditto, 500 m a.s.l., 22.VII.1981, Sparacio I. (SIPC); Monte Zoccolaro, 31.V.2014, Muscarella C. (MCPC); Zafferana Etnea, Monte Pomiciaro, 6.VII.2002, Sparacio I. (SIPC); Aci Sant'Antonio, Santa Maria La Stella, 8.X.1995, Russo P. (BSPC); **Siracusa**: Pachino, 18.VII.1989 (MIPP); **Palermo**: Aquino, presso F. Oreto, 14.VII.1980, Sparacio I. (SIPC); ditto, 16.VII.1981, Sparacio I. (SIPC); ditto, 10.IV.1986, Sparacio I. (SIPC); Terrasini, Torrente Nocella, 8.VII.2002, Sparacio I. (SIPC); Monreale, 19.VII.1945, Aliquò V. (CVAP); Altofonte, IX.1963, Aliquò V. (CVAP); ditto, 24 e 29.IX.1967, (CVAP); Villagrazia, 19.IV.1976, Aliquò V. (CVAP); Campofiorito, 6.IX.1978, Aliquò V. (CVAP); Termini Imerese, Sant'Onofrio, 28.V.2009, D'Agostino M. (MIPP); Monreale Querceto di Costalunga 4.IV.2011, Muscarella C. (MCPC); Giacalone, 02.VI.1987, Bellavista M.; Madonie, Piano Battaglia, 15.VI.1969, Carapezza A. (CVAP); Castelbuono, Piano Sempria, 25.VI.1984, Sparacio I. (SIPC); ditto,

21.V.2000, Sparacio I. (SIPC); Vallone Marabilici, 1600 m, 23.VII.1980, Sparacio I. (SIPC); Polizzi Generosa, 20.V.2012, Ferrante M. (FEI); Piano Battaglietta, 31.V.2015, D'Agostino M. (MIPP); Piano Cervi, 18.V.2013, D'Agostino M. (MIPP); Vallone Madonna degli Angeli, 23.VI.2013, D'Agostino M. (MIPP); Collesano, V.1990, Bellavista M. (MCBC); Portella Manderini, larva in Pinus, 21.XI.2010, Muscarella C. (MCPC); Monti Sicani, Bisacquino dint., 25.IV.2015, (MIPP); Valle Vite, 14.V.2011, Muscarella C. (MCPC); Palazzo Adriano, Valle del Sosio, 14.V.2011, Muscarella C. (MCPC)

Notes. Although very common and widespread in mainland Italy and Sicily, very few data on distribution of this taxon in Sicily are known (Sama 1988; Sama 2005). Only recently recorded from Peloritani (Contarini 2007; Altadonna 2012), but previously unknown from Etna, Sicani and Caltanissetta province.

Dorcadion Dalman, 1817

Dorcadion (Cribridorcadion) etruscum (Rossi, 1790)

Chorotype - SISA

Host plants - POA (roots)

Trophic category - MON ?

New records - **Messina:** Monti Nebrodi, Bosco di San Fratello, 18.VI.1982, Sparacio I. (SIPC); **Catania:** Monti Nebrodi Lago Trearie, 23.V.2010, Reitano A. (FEI); **Enna:** Troina, 15.IV.2012, Silvestrini W. (FEI); **Palermo:** Madonie, Isnello, 2.V.1976, Aliquò V. (AVPC); Geraci Siculo, Portella Manderini, 9.V.1982, Aliquò V. (AVPC).

Notes. Very difficult to collect, although widespread in Sicily, previously known only from Sicani in Ficuzza woods (Luigioni and Tirelli 1912; Ragusa 1924; Vitale 1936; La Mantia *et al.* 2010), Madonie (Sabella and Sparacio 2004), Nebrodi (Randazzo, Floresta, Mistretta, Biviere di Cesarò, Portella di Femmina Morta, Cesarò) and Peloritani (Malabotta, Portella Zilla) (Sama 1988; Sama 2005; Contarini 2007). Previously not recorded from Enna province.

Parmenini Mulsant, 1839

Parmena (Dalman, 1817)

Parmena pubescens (Linnaeus, 1767)

Chorotype - TYRR

Host plants - API (*Ferula*), APO (*Nerium*), MAL (*Malva*, *Lavatera*), MOR (*Ficus*)

Trophic category - POL

Notes. Reported in Italy (as *P. algerica* Laporte, 1840) only from Sicilian Islands: Lampedusa (Failla Tedaldi 1887; Ragusa 1892, 1924; Sparacio 1992), Pantelleria, Lampione and Linosa (Failla Tedaldi 1887; Ragusa 1924; Ratti 1987; Sama 1988; Sparacio 1992; M. Romano and Sparacio 1995; Goggi 2004; Lo Cascio 2004a,b; Sama 2005; Lo Cascio and Pasta 2012).

Parmena pilosa Brullé, 1832

Chorotype - MED

Host plants - API (*Crithmum*, *Ferula*, *Foeniculum*, *Thapsia*, *Chrysanthemum*), EUP (*Euphorbia*), PAP (*Papaver*), MOR (*Ficus*), APO (*Nerium*)

Trophic category - POL

New records - **Messina**: Zafferia, vallone Monalla, 210 m a.s.l., 11.XII.2013, Altadonna G. (AGPC); Mortelle, Lido, 04.III.2000, Baviera C. (BCPC); Milazzo, Capo, 10.X.2009, Baviera C. (BCPC); Torre Faro, Granatari, 27– 28.XII.1991, Baviera C. (BCPC); ditto, 22.XII.1994, Baviera C. (BCPC); Isole Eolie, Stromboli, VI.2006, Baviera C. (BCPC); Monti Peloritani, Castanea delle Furie, Monte Ciccia, 600 m a.s.l., 15.II.2009, Baviera C. (BCPC); Monte Antennamare, 07.VII.2002, Baviera C. (BCPC); Gesso, 10.VI.2006, Baviera C. (BCPC); Portella Mandrazzi, 10.VI.1988, Sparacio I. (SIPC); Castelmola, Luppineria, 700 m a. s.l., 26.X.2013, sfarf. IV.2014, ex *Ferula*, Altadonna G. (AGPC); Monte Scuderi, Contrada Ferrera, 3-9.VII.1996, ex larva prel. il 16.IV.1996, sf. il 3-9.VII.1996 in *Foeniculum vulgare*, Bella S. and Turrisi G.F. (BSPC+TGPC); Monti Nebrodi, Militello Rosmarino, 460 m a.s.l., 08.XI.2010, Belló C.; Reitano, 125 m a.s.l., 21.IV.2010, Belló C. and Chemello S.; **Catania**: Castiglione di Sicilia, 600 m a.s.l., 19.IV.2010, Baviera C. and Belló C. (BCPC); Pantano Longarini, II.1997, Bella S. and Russo G. (BSPC); Caltagirone, Bosco di Santo Pietro, 5.IV.2001, Bella S. (BSPC); Foci Fiume Simeto, 23.XI.1988, Bella S.. (BSPC); Etna, Randazzo, 700 m a. s.l., ex larva 6.I.2013, sf. 20.V.2013, Altadonna G. (AGPC); Tremestieri Etneo, 3.VII.1992, ex larva, ex *Ferula communis*, 5.VIII.1992, Turrisi G.F. (TGPC); **Caltanissetta**: Butera, Monte Disueri, 19.III.1992, Sparacio I. (SIPC); Mazzarino, 21.IV.2008, Belló C. (BCPC); Ponte Cinque Archi, 17.III.2011, Deiacio C. (FEI); **Enna**: Villarosa, 615 m a.s.l., 03.XI.2010, Baviera C. and Belló C. (BCPC); **Agrigento**: Palma di Montechiaro, 11.XII.2015, Baviera C. and Belló C. (BCPC); Aragona, San Biagio, 02.XII.2011, Baviera C. and Belló C. (BCPC); Ravanusa, 5.VI.2013, Muscarella C. (MCPC); **Ragusa**: Città, 22.VIII.2014 Sottile S. (FEI); **Siracusa**: R.N.O. Vendicari, 8.VI.1997, Bella S. (BSPC); Sortino, Fiume Anapo, c.da Fusco, 24.V.1999, Bella S. (BSPC); ditto, 9.V.2000, Bella S. (BSPC); Pachino, Pantano Longarini, 20.I.1996, in *Ferula communis*, Bella S. (BSPC); ditto, 7.V.1995, Bella S. (BSPC); ditto, 18.V.1996, light trap, Bella S. (BSPC); ditto, II.1997, Bella S. (BSPC); ditto, V.1997, Bella S. (BSPC); Sortino, Sopra Eremo di Santa Sofia, 26.IV.2016, Baviera C. (BCPC); **Palermo**: Alimena, 8.VI.1993, Sparacio I. (SIPC); Tagliavia, 09.XII.1979, Bellavista M. (MCBC); Corleone, 9.XII.1979, Bellavista M. (BMPC); Monti Sicani, Palazzo Adriano, 27-29.V.2007, Baviera C. (BCPC); ditto, 19.III.2008, Baviera C. (BCPC); ditto, 04.IV.2011, Baviera C. (BCPC); Portella della Ginestra, 600 m a.s.l., 19.IV.2009, Baviera C. (BCPC); Roccapalumba, 500 m a.s.l., 18.III.2008, Baviera C. (BCPC); Piana degli Albanesi, Diga Scanzano, 5.III.1992, Sparacio I. (SIPC); ditto, Monte Maganoce, 2.II.2007, Arnone M. (SIPC); Madonie, Polizzi Generosa, 1400 m a.s.l., 26.X.2006, Baviera C. and Belló C. (BCPC); ditto, 24.IX.2010, Baviera C. and Belló C. (BCPC); Montaspro, 5.III.1991, Sparacio I. (SIPC); **Trapani**: Selinunte, Foce Belice, 22.IV.1981, Sparacio I. (SIPC); ditto, 19.I.2009, Romano M. (FEI); Alcamo, 100 m a.s.l., 09.III.2014, Belló C and Chemello S.; Castellammare del Golfo, Castello di Baida, 16.V.2008, Baviera C. (BCPC); Salaparuta presso F. Belice, 4.III.1995, Sparacio I. (SIPC)

Notes. The most common and widespread species of this genus in Sicily. Also present in all the Egadi and the Aeolian Islands (Salina, Stromboli, Panarea, Lipari and Vulcano: Cecchi and Lo Cascio 2000; Sama 2005; Lo Cascio *et al.* 2006). Until now reported only generically from “Messina” in North Eastern Sicily (Vitale 1936; Sama 1988; Baviera and Sparacio 2004), previously not recorded from Nebrodi and Peloritani. According to Danilevsky (2012) this taxon, traditionally known under the wrong name *Parmena pubescens* Dalman, 1817 must be accepted with the valid name *Parmena pilosa* Brullé, 1832. Sicilian population are referred to the subspecies *P. pilosa inclusa* Mulsant, 1863 (see Danilevsky 2016a,b). A study based on an integrative taxonomic approach, could allow to obtain a better knowledge of the real taxonomic value of the Mediterranean Basin species of *Parmena* genus.

Parmena subpubescens Hellrigl, 1971

Chorotype - TYRR

Host plants - MOR (*Ficus*), APO (*Nerium*), EUP (*Euphorbia*)

Trophic category - POL

New records - **Messina**: San Pier Niceto, Torrente Niceto, 03.V.2014, Baviera C. (BCPC); Francavilla di Sicilia, Fiume Alcantara, Le Gurne, 29.VI.2010, Baviera C. (BCPC); ditto, 28.V.2010, Baviera C. (BCPC); ditto, 30.IV.2016, Baviera C. (BCPC); Monti Nebrodi, tra Frazzanó e Longi., 12.V.2015, Baviera C. (BCPC); **Agrigento**: Sambuca di Sicilia, Lago Arancio, ex *Ficus carica*, 12.III/3.V., Sparacio I. (SIPC); ditto, 22.VI.1995, Sparacio I. (SIPC); ditto, 29.VI.1995, Sparacio I. (SIPC); ditto, 18.VII.1995, Sparacio I. (SIPC); **Ragusa**: Modica, 8.III.2011, Deiacò C. (FEI); **Trapani**: Castellammare del Golfo, RNO Zingaro, V. 2012, ex larva in *Ficus*, Muscarella C. (MCPC); **Palermo**: Cefalù, 11/23.XII.1980, ex *Ficus carica*, Sparacio I. (SIPC); ditto, 11.XII.1980/26.VI.1981, Sparacio I. (SIPC); Terrasini, Foci T. Nocella, dentro rami di *Ficus carica*, 16.XI.1980, Romano M. (SIPC); ditto, 10.V.1985, Bellavista M. (MMC)

Notes. Endemic Italian species, described from Levanzo (Egadi Islands) and later reported from Palermo (Madonie, Collesano: Sama (1975)) Agrigento, Catania, Palermo, Marettimo and Messina (previously reported only from Piraino, San Costantino) (Sama 1988; Sama 2005), recently recorded from Ficuzza woods (La Mantia *et al.* 2010), previously not recorded from Ragusa province.

Monochamini Gistel, 1848*Monochamus* Megerle in Dejean, 1821*Monochamus galloprovincialis* (Olivier, 1795)

Chorotype - WME

Host plants - PIN (*Pinus*)

Trophic category - MON

New records - **Palermo**: Città, 29.V.2004, Brancato A. (FEI); Addaura, 1.VIII.2000, Bellavista M. (SIPC); ditto, VII.2005, Bellavista M. (MCBC); ditto, VII.2001, Bellavista M. (SIPC); VII.2005, ditto, Bellavista M. (SIPC); Monte Pellegrino, 13.IX.2009, Muscarella C. (MCPC); Capaci, Spiaggia, 02.VII.2010, Bellavista M. (BMPC)

Notes. Localized in mainland Italy, recently reported from Sicily for the first time (Palermo, Addaura: Bellavista (2001)).

Mesosini Mulsant, 1839*Mesosa* Latreille, 1829*Mesosa curculionoides* (Linnaeus, 1760)

Chorotype - SIE

Host plants - TIL (*Tilia*), ULM (*Ulmus*), FAB (*Robinia*, *Wisteria*, *Glycine*), MOR (*Morus*, *Ficus*), FAG (*Quercus*, *Fagus*, *Castanea*), COY (*Corylus*, *Carpinus*), BET (*Alnus*), JUG (*Juglans*), BET (*Alnus*), ACE (*Acer*), SAL (*Salix*, *Populus*), ARA (*Hedera*), OLE (*Fraxinus*), ROS (*Prunus*)

Trophic category - POL

New records - **Catania**: Fiume Vizzini, Contrada Paradiso, ex larva 1.X.1996 sf. 8.XI.1996, in *Juglans regia*, Bella S. (BSPC)

Notes. Rare species in Sicily, reported only from a few localities of South-Eastern part of the Island and Etna (Ragusa 1924; Sama 2005).

Mesosa nebulosa (Fabricius, 1781)

Chorotype - EUM

Host plants - TIL (*Tilia*), FAG (*Quercus, Fagus, Castanea*), COY (*Corylus, Carpinus, Ostrya*), HIP (*Aesculus*), SAL (*Salix, Populus*), BET (*Betula, Alnus*), AQU (*Ilex*), ROS (*Prunus, Pyrus, Malus*), ARA (*Hedera*), RHA (*Rhamnus*), MOR (*Morus*), AQU (*Ilex*), JUG (*Juglans*), ULM (*Ulmus*), FAB (*Robinia*), OLE (*Syringa*), PIN (*Picea*)

Trophic category - POL

New records - **Messina:** Monti Peloritani, Rometta Superiore, Gimello, San Leone, 09.IV.1993, Baviera C. (BCPC); Monti Nebrodi, 13.VI.2015, Portella Calcari, Muscarella C. (MCPC); **Palermo:** Città, quartiere Borgo Ulivia, ex *Ficus carica*, 26.III/28.VIII.1981, Sparacio I. (SIPC); Madonie, Montaspro, in *Quercus*, 18.V.1985, Sparacio I. (SIPC); Pizzo Carbonara, 17.VI.2012, Muscarella C. (MCPC)

Notes. Rare in Sicily, reported only from Sicani (Ficuzza woods), Madonie, Nebrodi and Peloritani (Sama 2005; Rapuzzi and Sama 2006; Contarini 2007; La Mantia *et al.* 2010), and Lipari (Cecchi and Lo Cascio 2000).

Agapanthiini Mulsant, 1839

***Agapanthia* Audinet-Serville, 1835**

Agapanthia (Agapanthia) cardui (Linnaeus, 1767)

Chorotype - TUM

Host plants - URT (*Urtica*), AST (*Cirsium, Scolymus, Carduus, Senecio, Eupatorium, Chrysanthemum*), FAB (*Melilotus*), API (*Heracleum*), DIP (*Dipsacus*), VAL (*Valeriana*), LAM (*Salvia*)

Trophic category - POL

New records - **Messina:** Monti Peloritani, Antillo, 500 m a.s.l., 29.V.2010, Baviera C. (BCPC); Novara di Sicilia, Rocca Novara, 25.VI.2011, Reitano A. (FEI); Monti Nebrodi, Santa Domenica Vittoria dint., c.da Iuncará, 800 m a.s.l., 23.VI.2013, Altadonna G. (AGPC); ditto, 16.V.2015, 950 m a.s.l., Altadonna G. (AGPC); Floresta, Sorgente San Giacomo, 1400 m a.s.l., 29.VI.2010, Baviera C. (BCPC); Francavilla di Sicilia, 25.VI.2015, Altadonna G. (AGPC); **Catania:** Fiume Alcantara, Castiglione di Sicilia, Cuba Bizantina, 19.IV.2010, Baviera C. (BCPC); Etna, Linguaglossa, 900 m a.s.l., 08.VI.2000, Baviera C. (BCPC); Sant'Alfio, Bosco Cerrita, 1500 m a.s.l., 01.VII.2004, Baviera C. (BCPC); Rifugio Brunek, 1500 m a.s.l., 16.V.2002, Baviera C. (BCPC); **Siracusa:** Buccheri, 28.V.2009, Baviera C. (BCPC); **Enna:** Monte Pasquasia, 20.V.2012, Falci A. (FEI); **Palermo:** Madonie, Portella Colla, 1450 m a.s.l., 03.VI.2000, Baviera C. (BCPC); Pizzo Carbonara, 1800 m a.s.l., 22.V.2000, Baviera C. (BCPC)

Notes. This is one of the most common species of the genus in Sicily, although many records must be referred to the following species, only recently separated from *A. cardui*. Old data needs to be revised; the distribution in Sicily reported by Rapuzzi and Sama (2006) is: "Nebrodi: Cesarò, San Fratello, Serra del Contrasto, Randazzo; Madonie: Piano Zucchi, Isnello, Castelbuono; Iblei: Palazzolo Acreide; Sicani: Bosco della Ficuzza". Reported also from Lipari (Lo Cascio *et al.* 2006).

Agapanthia (Agapanthia) suturalis (Fabricius, 1787)

Chorotype - MED

Host plants - URT (*Urtica*), AST (*Cirsium*, *Scolymus*, *Carduus*, *Senecio*, *Eupatorium*, *Chrysanthemum*), FAB (*Melilotus*), API (*Heracleum*), DIP (*Dipsacus*), VAL (*Valeriana*), LAM (*Salvia*)

Trophic category - POL

New records - **Messina**: Torre Faro, Granatari, 01.V.1992, Baviera C. (BCPC); ditto, 23-28.IV.2000, Baviera C. (BCPC); ditto, 18-23.V.2000, Baviera C. (BCPC); Monti Peloritani, Forte San Jachiddu, 400 m a.s.l., 29.IV.2010, Baviera C. (BCPC); Monte Antennamare, 18-21.V.2000, Baviera C. (BCPC); ditto, 04.VI.2000 Baviera C. (BCPC); ditto, 29.V.2010, Baviera C. (BCPC); Pizzo Chiarino, 600 m a.s.l., 06.VI.2004, Baviera C. (BCPC); Rometta Superiore, Gimello, San Leone, 29.IV.2000, Baviera C. (BCPC); Castelmola, 21.V.2010, Reitano A. (FEI); Castelmola, Luppineria, 07.VI.2014, 700 m a.s.l., Altadonna G. (AGPC); Isole Eolie, Vulcano, 09-10.V.2007, Baviera C. (BCPC); Lipari, 30.IV.1998, Paglialonga M. (FEI); **Catania**: Belpasso, Fiume Simeto, 10.V.2015, Altadonna G. (AGPC); Monte Terrana, 06.IV.1994, Baviera C. (BCPC); Paternò, Pietralunga, Simeto, 10.VI.2011, Reitano A. (FEI); **Ragusa**: Modica, VI.2009, Risoldi V. (FEI); **Enna**: Centuripe, 11.IV.2011, Sama G. (FEI); **Palermo**: Cefalà Diana, Monte Chiarastella, 12.V.2009, Muscarella C. (MCPC); Monte Pellegrino, 20.IV.2010 Muscarella C. (MCPC); Dint. Stazione Montemaggiore Belsito, 12.V.2010, Muscarella C. (MCPC); ditto, 2.VI.2010 Muscarella C. (MCPC); ditto, 11.IV.2011, Muscarella C. (MCPC); ditto, 19.IV.2011, Muscarella C. (MCPC); ditto, 28.IV.2012, Muscarella C. (MCPC); Bagheria, Monte Catalfano, 7.IV.2011, Muscarella C. (MCPC); Sagana, 02.V.1982, Bellavista M. (MCBC); Madonie, Piano Battaglietta, 1700 m a.s.l., 30.V.2007, Baviera C. (BCPC); Piano Zucchi, 09.VI.2012, Muscarella C. (MCPC); Sicani, Palazzo Adriano, Valle del Sosio, 14.V.2011, Muscarella C. (MCPC); **Trapani**: Castellammare del Golfo, RNO Zingaro, 19-21.V.2003, Baviera C. (BCPC); Porto Palo di Menfi, 5.VI.2011, Muscarella C. (MCPC); R.N.O. Saline di Trapani e Paceco, Fiume Lenzi Baiata, 29.IV.2004, Baviera C. (BCPC); ditto, Salina Anselmo (BCPC); Isole Egadi, Favignana, 19.IV.2007, Baviera C. (BCPC)

Notes. After the recent separation from *A. cardui* (Rapuzzi and Sama, 2006) the distribution of this species in Sicily needs to be verified. Verified locality by Rapuzzi and Sama (2006) are: Etna (Bronte), Palermo (Cinisi), Nebrodi (San Fratello, Randazzo, Troina), Filicudi. It has also been reported from Peloritani (Zafferia) and Catania (Belpasso, Simeto) (Altadonna 2012). In Ficuzza woods it lives together with *A. cardui* (La Mantia *et al.* 2010). As far as is known this species is more widespread in Eastern Sicily than *A. cardui*.

Agapanthia (Smaragdula) violacea (Fabricius, 1775)

Chorotype - SIE

Host plants - VAL (*Centranthus*, *Valeriana*), FAB (*Bituminaria*, *Onobrychis*, *Medicago*), AST (*Carduus*), DIP (*Knautia*, *Scabiosa*), LAM (*Salvia*), BOR (*Echium*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Novara di Sicilia, 10.VI.1988, Sparacio I. (SIPC); Monti Nebrodi, Cesarò, 7.VI.1987, Sparacio I. (SIPC); Floresta, 1300 m a.s.l., 10.VI.2012, Altadonna G. (AGPC); **Catania**: Etna, Linguaglossa, 22.IV.2000, Baviera C. (BCPC); Sant'Alfio, 08.V.2010, Muscarella C. (MCPC); Vizzini, Fiume Vizzini, Contrada Rubalá, m 320, 2.V.1999, Bella S. (BSPC); Vaccarizzo, 12.V.1996, Bella S. (BSPC); Ragalna, 10.V.1972, Aliquò V. (AVPC); Ragalna, Contrada Milia, m 1250, 5.VII.1992, Tomarchio S. (TGPC); ditto, 9.VI.1996, Bella S. (BSPC); Belpasso, Monte San Leo, m 1000, 22.V.1991, Turrisi G.F. (TGPC); ditto, 18.VI.1996, Bella S. (BSPC); Etna, Zafferana, 8.V.2010 Muscarella C. (MCPC); Maletto, 12.VI.2013, Muscarella C. (MCPC); Rifugio Sapienza, 1.VI.2014, Muscarella C. (MCPC); **Ragusa**: Chiaramonte Gulfi, 26.V.1969, Baglieri (AVPC); **Enna**: Lago di Pergusa, 14.VI.2013, Bellavista M. (BMPC); **Agrigento**: Monte Cammarata 1450 m a.s.l.,

27.V.2007, Baviera C. (BCPC); **Palermo**: Caccamo, 23.IV.2008, Muscarella C. (MCPC); Marineo, 22.V.1983, Aliquò V. (AVPC); Montelepre, 17.V.1981, Aliquò V. (AVPC); ditto, 26.V.1981, Sparacio I. (SIPC); ditto, 23.V.1993, Sparacio I. (SIPC); Altofonte, 30.V.1993, Sparacio I. (SIPC); Giacalone, 2.VI.1993, Sparacio I. (SIPC); Marineo, 22.V.1993, Aliquò V. (AVPC); Serre della Pizzuta, 25.V.2014, Muscarella C. (MCPC); Monti Sicani, Piana degli Albanesi, 19.V.1983, Aliquò V. (AVPC); ditto, 4.VII.1996, Sparacio I. (SIPC); Sicani, Bosco di Buonanotte, 28.V.2010, Muscarella C. (MCPC)

Notes. Not common in Sicily, reported from Trapani (Ragusa 1924), Catania (including Etna), with a few scattered localities in Nebrodi, and Sicani (Ficuzza woods: Sama 2005; La Mantia *et al.* 2010). Previously not recorded from Peloritani and Agrigento, Enna and Ragusa provinces.

Agapanthia (Homoblyphara) maculicornis (Gyllenhal, 1817)

Chorotype - SISA (EEU)

Host plants - CAL (*Campanula*), CAR (*Dianthus*), CIS (*Helianthemum*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Monte Antennamare, 22.VI.1997, Baviera C. (BCPC); Monti Nebrodi, Marina di Caronia, 27.V.2006, Baviera C. (BCPC); Mistretta, 31.V.1982, Sparacio I. (SIPC); **Agrigento**: Ravanusa, 02.V.2011, Muscarella C. (MCPC); Siculiana, Torre Salsa, 25.V.2012, Muscarella C. (MCPC); ditto, 13.V.2012, Muscarella C. (MCPC); ditto, 4.V.2013, Muscarella C. (MCPC); ditto, 13.V.2016, Muscarella C. (MCPC); **Caltanissetta**: Gela, 13.IV.1975, Aliquò V. (AVPC); **Palermo**: Montemaggiore Belsito dint Stazione, 12.V.2010, Muscarella C. (MCPC); Sicani, Valle Vite, 14.V.2011, Muscarella C. (MCPC); Madonie, Alimena, 10.VI.2015, Muscarella C. (MCPC); **Trapani**: Fulgatore, 15.VI.2012, Ferrante M. (FEI)

Notes. In Sicily with the subspecies *A. maculicornis davidii* Sláma, 1986, endemic of Southern Italy and Sicily and described on specimens from Castelbuono and Ficuzza woods (Palermo, Randazzo (Catania), Troina and Nicosia (Enna), and Cesarò (Messina) (Sláma 1986)). After the description this taxon has been cited only from Siracusa (Palazzolo Acreide: Sama (1975)). Previously not recorded from Peloritani and Caltanissetta province.

Agapanthia (Epoptes) asphodeli (Latreille, 1804)

Chorotype - SEU

Host plants - ASP (*Asphodelus*), AST (*Carduus*), API (*Thapsia*, *Ferula*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Monte Antennamare, 21.V.2000, Baviera C. (BCPC); ditto, 15.V.2001, Baviera C. (BCPC); ditto, 15.V.2002, Baviera C. (BCPC); ditto, 27.IV.2010, Baviera C. (BCPC); ditto, 29.V.2010, Baviera C. (BCPC); Vivaio Zirió, 900 m a.s.l., 02.V.2003, Baviera C. (BCPC); Forte San Jachiddu, 370 m a.s.l., 28.IV.2010, Baviera C. (BCPC); Bosco di Malabotta, Portella Croce Mancina, 21.VI.2011, Di Trapani E. and Muscarella C. (MCPC); Nebrodi, Monte Trefinaidi, 12.V.1980, Sparacio I. (SIPC); ditto, 13.V.1980, Bellavista M. (BMPC); **Palermo**: Madonie, Vallone Marabilici, 7.VI.1981, Sparacio I. (SIPC)

Notes. Widespread but not common in Sicily (Sama 2005), reported from “Messina” only by Ragusa (1924), and recently from Lampedusa (Pisciotta, Sajeve, and Sparacio 2008). Previously not recorded from Madonie.

Agapanthia (Epoptes) sicula Ganglbauer, 1884

Chorotype - SICI (WME)

Host plants - AST (*Chrysanthemum*, *Onopordon*, *Carduus*)

Trophic category - OLI

New records - **Messina**: Torre Faro, Granatari, 27.XII.1989, Baviera C. (BCPC); Monti Peloritani, Montalbano Elicona, 28.V.2016, Capici S. (FEI); Roccella Valdemone, c.da Germaná, 800 m s.l.m., 16.V.2015, Altadonna G. (AGPC); Montalbano Elicona, Bosco di Malabotta, 23.VI.2006, Baviera C. (BCPC); ditto, 03.VII.2014, Baviera C. (BCPC); Forte San Jachiddu, 370 m a.s.l., 28.IV.2010, Baviera C. (BCPC); Monte Scuderi, 1200 m a.s.l., 22.V.2004, Baviera C. (BCPC); Monti Nebrodi, Floresta, Sorgente San Giacomo, 1400 m a.s.l., 29.VI.2010, Baviera C. (BCPC); Pettineo, Piano d'Olmo, 617 m s.l.m., 2.V.2015, Altadonna G. (AGPC); San Fratello, 9.VII.1983, Aliquò V. (CVA); Monte Soro, 27.VI.1982, Sparacio I. (SIPC); ditto, 11.VII.1991, Sparacio I. (SIPC); Mistretta, 18.V.1986, Sparacio I. (SIPC); Lago di Trearie, m 1420 a.s.l., 1.V.1998, Bella S. (BSPC); **Catania**: Contrada Primosome, 7.IV.1996, Turrisi G.F. (TGPC); Contrada Torre Allegra, presso foce fiume Simeto, 2.IV.1999, Bella S. (BSPC); Ragalna, Contrada Milia, 20.III.2000, Bella S. (BSPC); Acate, San Pietro, 03.IV.2011, Deiacò C. (FEI); ditto, 17.V.1992, Baviera C. (BCPC); Adrano, Poggio Santa Maria, 210 m s.l.m., 20.IV.2014, Altadonna G. (AGPC); **Ragusa**: Vittoria, 19.III.2011, Deiacò C. (FEI); **Siracusa**: Capo Murro di Porco, 28.IV.1969, Aliquò V. (AVPC); Carlentini, Pedagaggi, Fiume dei Monaci, 12.IV.1992, Bella S. and Turrisi G.F. (BSPC); Valle del Fiume Anapo, C.da Fusco, 18.V.1996, Bella S. (BSPC); Sortino, 25.IV.1968, Aliquò V. (AVPC); Lentini, 15.IV.1969, Aliquò V. (AVPC); Avola, Cava Grande del Cassibile, 12.V.2011, Bellavista M. (BMPC); **Agrigento**: Ravanusa, 5.VI.2013, Muscarella C. (MCPC); **Palermo**: Altofonte, 10.VI.1964, Aliquò V. (AVPC); Bellolampo, 29.V.1970, Aliquò V. (AVPC); ditto, 18.VI.1971, Aliquò V. (AVPC); ditto, Monte Cuccio, 22.V.1985, Sparacio I. (SIPC); ditto, 23.V.1993, Sparacio I. (SIPC); Castronovo di Sicilia, 4.VI.2012, Bellavista M. (BMPC); Dint. Stazione Montemaggiore Belsito, 4.V.2010, Muscarella C. (MCPC); ditto, 28.IV.2012, Muscarella C. (MCPC); Poggio San Francesco, ex *Galactites* sp., 13.III. 1981, Sparacio I. (SIPC); ditto, 23.IV.1981, Sparacio I. (SIPC); Mezzojuso, Pizzo di Case, 17.VI.1981, Bellavista M. (MCBC); Madonie, Piano Battaglietta, 1700 m a.s.l., 16.V.2008, Baviera C. (BCPC) and Rando A.; Piano Battaglia, 7.VI.1981, Sparacio I. (SIPC); Monte dei Cervi, 7.VI.1981, Sparacio I. (SIPC); ditto, 27.VI.1992, su *Carduus* sp. Sparacio I. (SIPC); ditto, 7.VI.1981, Bellavista M. (MCBC); Piano Zucchi, 30.VI.1992, su *Onopordon* sp., Sparacio I. (SIPC); Montaspro, 25.VII.1992, Sparacio I. (SIPC); Madonie, 28.VI.1987, Aliquò V. (AVPC); Piano Battaglia, Pizzo Antenna, m 1850 a.s.l., 14.VII.1993, Bella S. (BSPC); Piano Torre, 19.VI.2014, Muscarella C. (MCPC); Bosco di San Giorgio, 21.VI.2014, Muscarella C. (MCPC); Piano Zucchi , 8.VI.2011, Muscarella C. (MCPC); Vallone Faguara , 17.VII.2006, Muscarella C. (MCPC); Polizzi Generosa, 20.V.2012, Ferrante M. (FEI); Sicani, Santo Stefano di Quisquina, 23.IV.2007, Muscarella C. (MCPC); Rocca di Entella, 7.V.2009, Muscarella C. (MCPC); **Trapani**: Castellammare del Golfo, RNO Zingaro, 19-21.V.2003, Baviera C. (BCPC); R.N.O. Saline di Trapani e Paceco, Salina Vecchia, 29.IV.2004, Baviera C. (BCPC); Castelvetro, Foci F. Belice, 22.IV.1981, su *Galactites*, Sparacio I. (SIPC)

Notes. Common and widespread in Sicily with the endemic subspecies *A. sicula sicula* Ganglbauer, 1884 (Sama 2005); previously not reported from Peloritani, Ragusa and Trapani provinces.

Agapanthia (Stichodera) irrorata (Fabricius, 1787)

Chorotype - WME

Host plants - API (*Thapsia*, *Onopordon*, *Ferula*, *Carduus*, *Daucus*, *Phoeniculum*), LAM (*Salvia*), AST (*Chrysanthemum*), SCR (*Verbascum*), ASP (*Asphodelus*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Malabotta, Portella Croce Mancina, 21.VI.2011 Di Trapani E. and Muscarella C. (MCPC); Montalbano Elicona, 28.V.2016, Capici S. (FEI); **Siracusa**: Sortino, 09.V.2015, Capici, S. (FEI); **Agrigento**: Siculiana, Torre Salsa, 4.V.2013, Muscarella C. (MCPC);

Ravanusa, 5.VI.2013, Muscarella C. (MCPC); Foce Platani, 6.V.2011, Muscarella C. (MCPC); Noto, R.N.O. Vendicari, 29.IV.1998, Bella S. (BSPC); ditto, 24.V.1998, Bella S. (BSPC); **Palermo**: Caccamo, San Giovanni, 13.V.2007, Muscarella C. (MCPC); Madonie, Montaspro, 7.VI.1981, Sparacio I. (SIPC); Gibilmanna, 23.VI.2002, Sparacio I. (SIPC); Gratteri, 5.VI.2008, Aliquò V. (AVPC); Petralia Sottana dint., 01.VII.2010, Muscarella C. (MCPC); Petralia Soprana, 3.VII.2010, Muscarella C. (MCPC); Piano Zucchi, 8.VI.2011, Muscarella C. (MCPC); ditto, 6.VI.2013, Muscarella C. (MCPC); Sicani, Piana degli Albanesi, Portella del Garrone, Muscarella C. (MCPC); ditto, 20.VI.2012, Muscarella C. (MCPC); Palazzo Adriano, Valle del Sosio, 16.V.2012, Muscarella C. (MCPC); **Trapani**: Mazara del Vallo, 1.V.1983, Aliquò V. (AVPC); Campobello di Mazara, Cave di Cusa, 8.V.2004, Aliquò V. (AVPC); Golfo di Cofano, Macari, 1.V.2004, Sparacio I. (SIPC); Gorghetti, 12.VI.2005, Sparacio I. (SIPC); Cave di Cusa, 12.V.1984, Bellavista M. (MCBC); Castellammare del Golfo, RNO Zingaro, 19-21.V.2003, Baviera C. (BCPC); Cave di Cusa, 19.V.2009, Romano M. (FEI)

Notes. Widespread and locally common in Sicily (Sama 2005), recently reported also from Lipari and Salina (Lo Cascio *et al.* 2006). Previously not recorded from Peloritani and Agrigento province.

Agapanthia (Epoetes) villosoviridescens (DeGeer, 1775)

Chorotype - SIE

Host plants - URT (*Urtica*), AST (*Sonchus*, *Artemisia*, *Tripleurospermum*, *Senecio*, *Eupatorium*, *Carduus*, *Aster*), RAN (*Aconitum*, *Helleborus*), API (*Heracleum*, *Chaerophyllum*, *Foeniculum*), LAM (*Salvia*), GEN (*Gentiana*), MEL (*Veratrum*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Antillo, 500 m a.s.l., 29.V.2010, Baviera C. (BCPC)

Notes. Common and widespread across Northern Italy, but rare in Southern Italy and rare in Sicily as a whole. Is known only from Siracusa (Ragusa 1924) and Etna (Bronte, Adrano, Randazzo: Sama 1988; Sama 2005). Previously reported from Peloritani (Mount Scuderi, Mount Polverello and Malabotta Wood: Sparacio, Bella, and G. F. Turrisi 2003; Contarini 2007)).

Calamobius Guérin-Méneville, 1847

Calamobius filum (Rossi, 1790)

Chorotype - MED

Host plants - POA (*Triticum*, *Avena*, *Hordeum*, *Secale*, *Dactylis*)

Trophic category - POL

New records - **Messina**: Casa Bianca, Lido Spiagge d'Oro, 28.IV.2010, Baviera C. (BCPC); Torre Faro, Granatari, 28.IV.2010, Baviera C. (BCPC); Monti Peloritani, Castelmola, Luppineria, 700 m a.s.l., 7.VI.2014, Altadonna G. (AGPC); Pizzo Chiarino, 600 m a.s.l., 29.V.2011, Baviera C. (BCPC); Monte Antennamare, 19.V.2010, Baviera C. (BCPC); Montalbano Elicona, Bosco di Malabotta, 14.V.2005, Baviera C. (BCPC); Forte San Jachiddu, 370 m a.s.l., 28.IV.2010, Baviera C. (BCPC); Portella Mandrazzi, 10.VI.1988, Sparacio I. (SIPC); Monti Nebrodi, Mistretta, 31.V.1982, Sparacio I. (SIPC); Floresta, Sorgente San Giacomo, 1400 m a.s.l., 29.VI.2010, Baviera C. (BCPC); Biviere di Cesarò, 27.V.2006, Baviera C. (BCPC); ditto, 19.VI.2002, Baviera C. (BCPC); San Fratello, 09.VI.1980, Bellavista M. (MCBC); Isole Eolie, Salina, 10-12.V.2007, Baviera C. (BCPC); Vulcano, 09-10.V.2007, Baviera C. (BCPC); **Catania**: Castiglione di Sicilia, Fiume Alcantara, Cuba Bizantina, 19.V.2010, Baviera C. (BCPC); Fiume Vizzini, Contrada Rubalá, 2.V.1999, Bella S. (BSPC); Fiume Vizzini, Poggio Morbano, 19.IV.1998, Bella S. and Turrisi G.F. (BSPC); Valle del Fiume Anapo,

Contrada Fusco, 18.V.1996, Bella S. (BSPC); Vaccarizzo, La Collinetta, 13.V.1996, Bella S. (BSPC); Contrada Torre Allegra, presso foce del Fiume Simeto, 4.V.1999, Bella S. (BSPC); Etna, Sant' Alfio, Bosco Cerrita, 1500 m a.s.l., 01.VII.2004, Baviera C. (BCPC); Passopisciaro, Via Guardiola, 650m a.s.l., 30.IV.2016, Baviera C. (BCPC); Adrano, Osservatorio, 1400 m a.s.l., 12.VI.2011, Baviera C. (BCPC); Adrano, Ponte dei Saraceni, VII.2006, Bella S. (BSPC); Piano Provenzana, 1800 m a.s.l., 24.VI.2004, Baviera C. (BCPC); Belpasso, Monte San Leo, m 1000, 7.V.2000, Bella S. and Turrisi G.F. (BSPC); Sant' Alfio, Ripa della Naca, 11.VI.2000, Turrisi G.F. (BSPC); Piano Provenzana, 1800 m a.s.l., 24.VI.2004, Baviera C. (BCPC); Nicolosi, Monte San Leo, m 1000, 11.VI.2000, Turrisi G.F. (BSPC); **Ragusa**: Scoglitti, 20.V.1982, Sparacio I. (SIPC); **Siracusa**: Capo Murro di Porco, 6.IV.1968, Aliquò V. (AVPC); Penisola Magnisi, 14.IV.1968, Aliquò V. (AVPC); Sortino, 25.IV.1968, Aliquò V. (AVPC);); Valle Fiume Anapo, Contrada Fusco, 18.V.1996, Bella S. (BSPC); **Caltanissetta**: Sutura, 24.IV.1983, Sparacio I. (SIPC); Niscemi, Bosco di Niscemi, 20.V.1982, Sparacio I. (SIPC); **Agrigento**: Licata, Torre di Gaffe, 24.IV.1986, Sparacio I. (SIPC); Bivona, 28.IV.2007 C Muscarella; Ravanusa, 5.VI.2013, Muscarella C. (MCPC); **Palermo**: Aquino, presso F. Oreto, 8.V.1981, Sparacio I. (SIPC); Monte Pellegrino, 16.V.1982, Sparacio I. (SIPC); ditto, 7.V.1983, Sparacio I. (SIPC); Dint. Stazione Montemaggiore Belsito, 28.IV.2010 Muscarella C. (MCPC); ditto, 28.V.2011, Muscarella C. (MCPC); ditto, 28.IV.2012, Muscarella C. (MCPC); Monreale, Portella della Paglia, 18.VI.1961, Aliquò V. (AVPC); Monti Sicani, Monte Cammarata, 1000 m a.s.l., 27.V.2007, Baviera C. (BCPC); Piana degli Albanesi, 15.VI.1984, Aliquò V. (AVPC); Madonie, Piano Battaglia, 31.V.1973, Aliquò V. (AVPC); ditto, 26.VI.2003, Sparacio I. (SIPC); Monte San Salvatore, 8.VII.1980, Aliquò V. (AVPC); Montaspro, 7.VI.1981, Sparacio I. (SIPC); **Trapani**: Salemi, 19.V.1988, Sparacio I. (SIPC); Campobello di Mazara, Granitola, 20.V.1989, Sparacio I. (SIPC); Isole Egadi, Levanzo, 23.IV.2007, Baviera C. (BCPC); Favignana, 19.IV.2007, Baviera C. (BCPC); Castellammare del Golfo, RNO Zingaro, 19-21.V.2003, Baviera C. (BCPC)

Notes. Common and widespread in the whole Sicily, known also from Filicudi Island (Sama 2005). Previously not recorded from Caltanissetta and Agrigento provinces, Salina, Vulcano, Levanzo and Favignana Islands.

Pteropliini Thomson, 1860

***Niphona* Mulsant, 1839**

Niphona picticornis (Mulsant, 1839)

Chorotype - MED

Host plants - MOR (*Ficus*, *Morus*), FAB (*Spartium*, *Calycotome*, *Robinia*, *Genista*), ANA (*Pistacia*), FAG (*Quercus*, *Castanea*), EUP (*Euphorbia*), ROS (*Prunus*), ULM (*Ulmus*), PUN (*Punica*), CAF (*Sambucus*), LAU (*Laurus*), CES (*Cercis*), RHA (*Rhamnus*), ARE (*Phoenix*), PIN (*Pinus*)

Trophic category - POL

New records - **Messina**: Torre Faro, Granatari, 28.XII.1991, Baviera C. (BCPC); ditto, 20.IV.1992 Baviera C. (BCPC); ditto, 21.XII.1993, Baviera C. (BCPC); ditto, 20.VIII.1991, Baviera C. (BCPC); ditto, 10.VIII.1993, Baviera C. (BCPC); ditto, 10.VIII.2000, Baviera C. (BCPC); ditto, 22.III.2010, Baviera C. (BCPC); Monti Peloritani, Pizzo Chiarino, 600 m a.s.l., 29.V.2011, Baviera C. (BCPC); Massa San Giovanni, Campo Italia, 350 m a.s.l., 02.IX.2010, in light trap, Infusino M. (BCPC); ditto, 12.VII.2010, Baviera C. (BCPC); **Catania**: Città, 30.XI.1996, ex larva da *P. terebinthus* Turrisi G.F. (TGPC); San Nullo, 18.IV.1996, ex *Ficus carica* L., Scuderi L. and Turrisi G.F. (TGPC); Castel di Iudica, 700 m a.s.l., 11.V.2015, Baviera C. (BCPC); Linguaglossa, 19.IX.1995, Bella S. and Turrisi G.F. (BSPC); Massannunziata, 25.II.1996, ex *E. dendroides*, 22.II.1999, Bella S. (BSPC); ditto, ex larva da *P. terebinthus*, Bella S. (BSPC); ditto Contrada Ombra, 10.VII.1991, Turrisi G.F. (BSPC);

Tremestieri Etneo, m 320, 2.VII.2001, I. Pulvirenti (BSPC); Contrada Cerza, 24.VI.2000, Bella S. (BSPC); **Ragusa**: Vittoria, ex *Q. ilex*, 8.IV/25.VI.1989, Sparacio I. (SIPC); Marina di Ragusa, Focè F. Irminio, dentro rami di Lentisco, 19.III.1992, Sparacio I. (SIPC); ditto, in *Ceratonia*, 20.V.1992, Sparacio I. (SIPC); Modica, 02.II.2011, Deiacò C. (FEI); **Palermo**: Città, quart. Borgo Ulivia, ex *Ficus carica*, 11.XII.1980/1.VIII.1981, Sparacio I. (SIPC); via Notarbartolo n. 52, 6.IX.2004, Sparacio I. (SIPC); Pagliarelli, ex *Ulmus*, 12.II/10.IV, Sparacio I. (SIPC); ditto, 14.IV.1992, Sparacio I. (SIPC); Favorita, in *P. lentiscus*, 27.III.1982, Sparacio I. (SIPC); Addaura, 15.VI.2008, Sparacio I. (SIPC); Balestrate, Foci F. Jato, 16.VI.1979, Sparacio I. (SIPC); Montelepre, Sagana, 12.VI.1982, Bellavista M. (MCBC); ditto, 12.VI.1982, Bellavista M. (BMPC); Terrasini, III. 2006, Romano M. (FEI); ditto II.2008 (FEI); Lascari, Salinelle, 1.VI.2003, Sparacio I. (SIPC); Sciarà, 25.VI.2014, Baragona A. (FEI); Madonie, Montaspro, in *S. junceum*, 7.VI.1981, Sparacio I. (SIPC); Gibilmanna, dentro rami di *S. junceum*, 27.II.1983, Sparacio I. (SIPC); Cefalù, in *Populus* sp., 22.III.1984, Sparacio I. (SIPC); Castelbuono, in *S. junceum*, 22.III.1984, Sparacio I. (SIPC); **Trapani**: Castellammare del Golfo, RNO Zingaro, 22–25.VI.2003, Baviera C. (BCPC); Granatello, dentro rami di *Ficus carica*, 18.IV.1988, Sparacio I. (SIPC); Porto Palo di Menfi, 1.VII.2006 Alla luce Muscarella C. (MCPC); Mazara del Vallo, Borgata Costiera, 22.VI.2012, Castelli D. (FEI); Mazara del Vallo, Lago Murana, Gorgi Tondi, 14.X.2014, Castelli D. (FEI)

Notes. One of the wider polyphagous longhorn beetles of Italy, very common and widespread also in Sicily (Sama 2005), recently reported from Siracusa (Melilli and Buccheri) on *Zelkova sicula* (Sidoti *et al.* 2016) and in many Sicilian Islets: Lampedusa (Sama 1988), Pantelleria (Ratti 1987), Linosa (M. Romano and Sparacio 1995), Marettimo and Levanzo (Hellrigl 1971; Sama 2005), Lipari (Cecchi and Lo Cascio 2000). It has been recorded also on *E. japonica* from Palermo (Bellavista, La Mantia, and Sparacio 2015).

Apodasyini Lacordaire, 1872

Anaesthetis Dejean, 1835

Anaesthetis testacea (Fabricius, 1781)

Chorotype - SIE

Host plants - JUG (*Juglans*), FAG (*Fagus*, *Quercus*, *Castanea*), SAL (*Salix*), BET (*Alnus*, *Betula*), COY (*Corylus*), ANA (*Pistacia*), ROS (*Rubus*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Monte Antennamare, 20.VI.2005, Baviera C. (BCPC); ditto, 26.VI.2000, Baviera C. (BCPC); ditto, 15.VI.2009, Baviera C. (BCPC); ditto, 28.V.2016, Baviera C. and R. (BCPC); Montalbano Elicona, Bosco di Malabotta, 23.VI.2006, Baviera C. (BCPC)

Notes. Very rare in Sicily, reported from Madonie (Ragusa 1924) and thereafter only from Francavilla di Sicilia (Messina) (Sama and Schurmann 1980; Sama 2005).

Deroplia Dejean, 1835

Deroplia genei (Aragona, 1830)

Chorotype - SEU

Host plants - JUG (*Juglans*), FAG (*Castanea*, *Quercus*), SAL (*Salix*), BET (*Alnus*, *Betula*), COY (*Corylus*), ANA (*Pistacia*), ROS (*Rubus*)

Trophic category - POL

Notes. Very rare in Sicily, reported by Vitale (1936) from Messina; later a specimen has been recorded from Nebrodi (Urio Quattrocchi Lake) (Gobbi 1994).

Deroplia troberti (Mulsant, 1843)

Chorotype - WME

Host plants - FAG (*Quercus*), ANA (*Pistacia*), LAU (*Laurus*), APO (*Nerium*), JUG (*Juglans*)

Trophic category - POL

New records - **Messina:** Isole Eolie, Lipari, Monte S. Salvatore, in pit-fall trap, 29.XI – 14.XII.2013, Merlino S. (BCPC); **Catania:** Etna, San Gregorio, Immacolatelle, m 200 a.s.l., 5.I.1996, ex *P. terebinthus*, Bella S. (BSPC)

Notes. Rare in Sicily, reported only from a few localities from Palermo, Catania and Agrigento provinces (Ragusa 1924; Sama 2005), previously not recorded from Aeolian Islands.

Pogonocherini Mulsant, 1839

***Pogonocherus* Dejean, 1821**

Pogonocherus (Pityphilus) fasciculatus (De Geer, 1775)

Chorotype - ASE

Host plants - PIN (*Pinus*, *Picea*, *Abies*, *Larix*), [MOR (*Ficus* Pollini, 1998)]

Trophic category - POL

Notes. Only recently reported from Sicily, by specimens from Etna (Pineta Ragabo and Piano Provenzana, 1400-1700 m a.s.l., ex larva on *Pinus nigra calabrica*, VIII-IX, 2006) collected by Rapuzzi and Sama (2006).

Pogonocherus (Pogonocherus) hispidus (Linnaeus, 1758)

Chorotype - EUM

Host plants - ARA (*Hedera*), RHA (*Rhamnus*), BET (*Betula*, *Alnus*), MOR (*Ficus*, *Morus*), CAF (*Lonicera*, *Sambucus*, *Viburnum*), SAL (*Populus*), COR (*Cornus*), OLE (*Fraxinus*), TIL (*Tilia*), COY (*Carpinus*, *Corylus*), FAG (*Quercus*, *Fagus*, *Castanea*), ROS (*Rosa*, *Malus*, *Cotoneaster*, *Pyrus*, *Prunus*, *Crataegus*, *Sorbus*, *Rubus*), LOR (*Viscum*), LAU (*Laurus*), ULM (*Ulmus*), AQU (*Ilex*), CEL (*Euonymus*), JUG (*Juglans*), ARA (*Hedera*), PIN (*Picea*, *Pinus*)

Trophic category - POL

New records - **Messina:** Monti Nebrodi, Capizzi, 1450 m a.s.l., 29.V.2015, Baviera C. (BCPC); ditto, 06.V.2015; Alcara Li Fusi, Bosco Scavioli, 1150 m a.s.l., vaglio, 30.IV.2016, Baviera C. (BCPC); Monti Peloritani, Itala, Badia, ex larva, 07.IX.2004, Camino F. (CFPC); **Palermo:** Monti Sicani, Rocca Busambra sud, 16.IV.2010, Baviera C. (BCPC) and Belló C.; Madonie, Piano Zucchi, 1100 m a.s.l., 19.VII.2006, Baviera C. (BCPC)

Notes. The most common species of *Pogonocherus* in Sicily, known from Sicani (Ficuza woods), Madonie and Catania (Vizzini) (Sama and Schurmann 1980; Sama 1988; Baviera and Sparacio 2004; Sama 2005; La Mantia *et al.* 2010).

Pogonocherus (Pogonocherus) hispidulus (Piller and Mitterpacher, 1783)

Chorotype - EUM

Host plants - FAG (*Quercus*, *Castanea*), ARA (*Hedera*), JUG (*Juglans*), ROS (*Rosa*, *Prunus*, *Malus*,

Pirus, *Amelanchier*), COY (*Corylus*, *Carpinus*), TIL (*Tilia*), COR (*Cornus*), RHA (*Rhamnus*), SAL (*Populus*), LOR (*Viscum*), BET (*Alnus*), CAF (*Sambucus*), AQU (*Ilex*), PIN (*Picea*, *Pinus*, *Larix*)
Trophic category - POL

Notes. In Sicily only known from Madonie (Castelbuono, Piano Zucchi) (Sama and Schurmann 1980; Sama 1988; Sama 2005).

Pogonocherus (Pogonocherus) neuhausi G. Müller, 1916

Chorotype - EME

Host plants - PIN (*Pinus*)

Trophic category - MON

Notes. Only one Sicilian specimen from Trapani (Calatafimi) is known (Sparacio 1992; Sama 2005).

Pogonocherus (Pogonocherus) perroudi G. Müller, 1916

Chorotype - MED

Host plants - PIN (*Pinus*)

Trophic category - MON

Notes. Firstly recorded by a single specimen from Etna (Linguaglossa) (Sama and Schurmann 1980). Rapuzzi and Sama (2006) obtained many specimens from *Pinus nigra calabrica* branches collected in Pineta Ragabo and Piano Provenzana (Etna, 1500-1800 m a.s.l.).

***Exocentrus* Dejean, 1835**

Exocentrus adspersus Mulsant, 1846

Chorotype - CAE

Host plants - COY (*Carpinus*, *Ostrya*), FAG (*Quercus*, *Fagus*, *Castanea*), ULM (*Ulmus*)

Trophic category - POL

New records - **Messina:** Monti Nebrodi, Monte Soro, 1800 m a.s.l.02.VI.2007, Baviera C. (BCPC); Monti Peloritani, Villafranca Tirrena, Contrada Favarella, 561 m a.s.l., 2-20.VI.2015, in pit-fall trap, in bosco di *Castanea*, Altadonna G. (AGPC).

Notes. Rare, few Sicilian records. Only known from Madonie (Torre Montaspro), Nebrodi (Caronia and Portella di Femmina Morta) and Peloritani (Malabotta Wood) (Sparacio 1992; Sama 2005; Contarini 2007).

***Acanthocinini* Blanchard, 1845**

***Acanthocinus* Dejean, 1821**

Acanthocinus (Acanthocinus) aedilis (Linnaeus, 1758)

Chorotype - ASE

Host plants - PIN (*Pinus*, *Picea*, *Abies*, *Larix*)

Trophic category - POL

Notes. Recently recorded from Sicily, it is localised on Etna (Baviera, Bella, and G. Turrisi 2005).

Acanthocinus (Acanthocinus) henschi Reitter, 1900

Chorotype - SICI (ASE)

Host plants - PIN (*Pinus*, *Picea*)

Trophic category - MON

Notes. Rare in Sicily, known only from Etna (Serra La Nave: Sama (1986)), presence later confirmed (Pineta Ragabo: Sparacio, Bella, and G. F. Turrisi 2003; Rapuzzi and Sama 2006). Sicilian population are referred to the recently described subspecies *A. henschi aetnensis* Rapuzzi and Sama, 2010. The holotype locality “Madonie, Piano Zucchi” reported in the description (Rapuzzi and Sama 2010) is wrong, the correct type locality is: Italy, Sicily, Catania province, Pineta Ragabo, ex larva in *Pinus laricio*, sfarf. 20-30.VIII.2006, P. Rapuzzi lgt. (Rapuzzi, pers. comm.). *Acanthocinus henschi aetnensis* is reported as Critically Endangered (CR) in the Red List of Italian Saproxylous Beetles (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015).

Acanthocinus (Acanthocinus) xanthoneurus (Mulsant and Rey, 1852)

Chorotype - SISA

Host plants - FAG (*Fagus*), ACE (*Acer*)

Trophic category - OLI

New records - **Messina:** Monti Nebrodi, 2014, Baviera C. (BCPC)

Notes. Endemic Italian species, described from Sicily and reported common in Madonie in 1892 by Ragusa (1924) it has been collected only 90 years after the first record in Madonie (Valledolmo) (Rapuzzi and Sama 2006). Thereafter, only other two additional specimens were collected in Nebrodi (07.VI.2011, teste Sama G., FEI).

Leiopus Audinet-Serville, 1835

Leiopus (Leiopus) nebulosus (Linnaeus, 1758)

Chorotype - EUR

Host plants - FAG (*Fagus*, *Quercus*, *Castanea*), ACE (*Acer*), BET (*Alnus*, *Betula*), AQU (*Ilex*), ROS (*Crataegus*, *Pyrus*, *Prunus*, *Rosa*, *Sorbus*, *Cydonia*, *Malus*), FAB (*Robinia*), RHA (*Rhamnus*), TIL (*Tilia*), COR (*Cornus*), AST (*Baccharis* Duffy (1953)) ULM (*Ulmus*), JUG (*Juglans*), MOR (*Ficus*), CAF (*Sambucus*), COY (*Carpinus*, *Corylus*, *Ostrya*), SAL (*Populus*, *Salix*), PIN (*Pinus*, *Larix*, *Picea*)

Trophic category - POL

New records - **Messina:** Monti Peloritani, Monte Scuderi, Contrada Ferrera, m 550 a.s.l., ex larva prel. il 16.IV.1996 e sf. il 2-8, 16.V.1996, da *Ficus carica* L, Bella S. and Turrisi G.F. (BSPC); ditto, 26.VII.96, Bella S. (BSPC); Monti Nebrodi, Caronia, 1400 m a.s.l., su *Quercus* sp., 29.VI.2016, Baviera C. (BCPC); **Catania:** Etna, Sant’Alfio, Bosco Cerrita, 1500 m a.s.l., 02.VIII.2006, Baviera C. (BCPC)

Notes. Not common in Sicily, reported from Madonie, Nebrodi, Peloritani and Etna (Ragusa 1924; Vitale 1936; Sama and Schurmann 1980; Sama 1988; Sparacio 1992; Baviera and Sparacio 2004; Sama 2005; Rapuzzi and Sama 2006). Previously not recorded as feeding

on *Ficus carica*. *L. nebulosus* var. *siculus* Pic, 1924 is considered as junior synonym, of *L. nebulosus* (Wallin, Nylander, and Kvamme 2009).

Leiopus (Leiopus) femoratus Fairmaire, 1859

Chorotype - EUM

Host plants - JUG (*Juglans*), FAG (*Castanea*, *Fagus*), SAL (*Salix*), COY (*Carpinus*), TIL (*Tilia*), MOR (*Ficus*)

Trophic category - POL

Notes. Very rare, only recently recorded for mainland Italy (Rapuzzi 2002) and Sicily (Sama 2002). For a long time confused with *L. nebulosus*; in Sicily known from a few localities only: Caltanissetta (San Cataldo), Palermo (San Mauro di Castelverde) and Messina (Calamarà and Castanea) (Biscaccianti 2005; Sama 2005; Sama and Rapuzzi 2011).

Acanthoderini Thomson, 1860

***Aegomorphus* Haldeman, 1847**

Aegomorphus clavipes (Schrank, 1781)

Chorotype - SIE

Host plants - SAL (*Populus*, *Salix*), BET (*Betula*, *Alnus*), JUG (*Juglans*), ROS (*Prunus*, *Pyrus*), MOR (*Morus*), COY (*Corylus*), TIL (*Tilia*), FAG (*Fagus*, *Quercus*), OLE (*Fraxinus*), PUN (*Punica*)

Trophic category - POL

New records - **Catania:** Etna, Sant'Alfio, Bosco Cerrita, 1500 m a.s.l., 10.VI.2004, ex larva in *Betula aetnensis*, Baviera C. (BCPC); ditto, 05.VI.2004, Baviera C. (BCPC); Monti Sartorius, 1600 m a.s.l., 29.VII.2015, on *Betula aetnensis*, Baviera C. (BCPC); **Enna:** Piazza Armerina, ex *Populus*, 5.III/21.V.2011, Bellavista M. (BMPC); **Palermo:** Bolognetta, Torrente Milicia, 19.VI.1987, Sparacio I. (SIPC); Monti Sicani, Piana degli Albanesi, su *Populus* sp., 14.VI. 1988 Sparacio I. (SIPC); ditto, 20.VI. 1988, Sparacio I. (SIPC); ditto, 4.VII.1988, Sparacio I. (SIPC).

Notes. Very rare in Sicily, known only from Messina (Ragusa 1924) and Sicani (Ficuzza woods) (Sama 1988; La Mantia *et al.* 2010), only recently cited from Nebrodi and Etna where its larvae have been found feeding on *Betula aetnensis* (Rapuzzi and Sama 2006). Newly reported for Enna province.

Saperdini Mulsant, 1839

***Saperda* Fabricius, 1775**

Saperda (Saperda) carcharias Linnaeus, 1758

Chorotype - ASE

Host plants - SAL (*Salix*, *Populus*)

Trophic category - MON

Notes. Although this species has been considered the cause of heavy damages on *Populus* sp. trees in Catania province in 2005 (locality Case Giardino, demanio GranVilla, Vizzini) (Sidoti and Colletti 2006), it was never recorded before from Sicily. The southern-most

locality in mainland Italy is in Basilicata (Bosco Pantano, Policoro, Matera) (Gobbi 1994; Sama 2005). The presence of this species in Sicily needs further confirmation.

Saperda (Compsidia) populnea (Linnaeus, 1758)

Chorotype - OLA

Host plants - SAL (*Salix*, *Populus*), COY (*Corylus*), BET (*Betula*), OLE (*Fraxinus*)

Trophic category - POL

New records - **Messina**: Monti Nebrodi, Biviere di Cesarò, 05.VII.2004, ex *Populus* Baviera C. (BCPC); ditto, 23.V.2004, Baviera C. (BCPC); ditto, 27.V.2006, Baviera C. (BCPC); **Catania**: Etna, Piano Provenzana, 2200 m a.s.l., 14.VI.2002, Baviera C. (BCPC); ditto, 15.VI.2003, Baviera C. (BCPC)

Notes. Reported from Sicily by Vitale (1936) (Messina), Demelt (1963) (Etna: Rifugio Citelli) and Sparacio, 1992 (Caltanissetta: Babaurra). This species is newly recorded from Nebrodi. In Peloritani (Musolino 700 m a.s.l. teste Baviera C., April 2006) were observed the typical galls in twigs of poplar trees, caused by this species.

Saperda (Lopezcolonia) punctata (Linnaeus, 1767)

Chorotype - PAL

Host plants - ULM (*Ulmus*), FAG (*Quercus*), TIL (*Tilia*)

Trophic category - POL

New records - **Palermo**: Monti Sicani, Lago Piana degli Albanesi, 25.VII.2014, Muscarella C. (MCPC)

Notes. Old reports for “Sicily” (Ghiliani 1842), Palermo, (Ragusa 1924), Messina (Vitale 1936) were recently confirmed with specimens from Trapani (Salemi) (Sparacio 1992) and Catania (Vizzini) (Sparacio, Bella, and G. F. Turrisi 2003).

Saperda (Lopezcolonia) scalaris (Linnaeus, 1758)

Chorotype - EUM

Host plants - ROS (*Prunus*, *Malus*, *Sorbus*, *Pyrus*), BET (*Alnus*, *Betula*), JUG (*Juglans*), ACE (*Acer*), SAL (*Populus*, *Salix*), FAG (*Castanea*, *Fagus*, *Quercus*), AQU (*Ilex*), ULM (*Ulmus*), CAF (*Sambucus*), PIN (*Larix*, *Abies*), COY (*Corylus*, *Carpinus*)

Trophic category - POL

Notes. In Sicily this species is currently known from Madonie (Ragusa 1924) and “Messina” (Vitale 1936), where it has been only recently confirmed, in San Fratello (Nebrodi) (Baviera and Sparacio 2002, 2004).

Obereini Thomson, 1864

***Oberea* Dejean, 1835**

Oberea (Oberea) linearis (Linnaeus, 1760)

Chorotype - SIE

Host plants - JUG (*Juglans*), COY (*Corylus*, *Carpinus*, *Ostrya*), ULM (*Ulmus*), BET (*Alnus*), TIL (*Tilia*)

Trophic category - POL

Notes. Known in Sicily from a single specimen labelled Castanea (Messina) (Vitale 1936).

Oberea (Oberea) oculata (Linnaeus, 1758)

Chorotype - ASE

Host plants - SAL (*Salix*, *Populus*)

Trophic category - MON

Notes. A species reported generically from “Messina” (Vitale 1904, 1936) and “Palermo” (Ragusa, 1924), was collected in Pezzolo (Peloritani) (Sparacio 1992), and Marineo (Palermo) (based on a single larva: Sama and Schurmann 1980).

Phytoeciini Mulsant, 1839

Phytoecia Dejean, 1835

Phytoecia (Blepisanis) melanocephala (Fabricius, 1787)

Chorotype - NAF

Host plants - LAM (*Lavandula*, *Marrubium*)

Trophic category - MON

Notes. Known in Italy only from Sicily, it seems very rare and recorded only from few localities in Palermo (Castelbuono, Casteldaccia) and Siracusa provinces (Sama and Schurmann 1980; Sparacio 1992; Sama 2005).

Phytoecia (Opsilia) coeruleescens (Scopoli, 1763)

Chorotype - ASE

Host plants - BOR (*Echium*, *Cerinth*, *Cynoglossum*, *Anchusa*, *Symphitum*, *Lithospermum*, *Lycopsis*)

Trophic category - POL

New records - **Messina:** Torre Faro, Granatari, 12.IV.1992, Baviera C. (BCPC); Mortelle Lido, 10.IV.1994, Baviera C. (BCPC); Casa Bianca, Lido Spiaggia d’Oro, 29.V.2011, Baviera C. (BCPC); Monti Peloritani, Antillo, 500 m a.s.l., 29.V.2010, Baviera C. (BCPC); Portella Mandrazzi, 10.VI.1988, Sparacio I. (SIPC); Monti Nebrodi, San Fratello, 9.VI.1984, Sparacio I. (SIPC); Biviere di Cesarò, 31.V.2003, Baviera C. (BCPC); Portella dell’Obolo, 22.VI.2015, Muscarella C. (MCPC); Caronia, Portella Calcari, 19.V.2012, Muscarella C. (MCPC); **Catania:** Castiglione di Sicilia, Fiume Alcantara, Cuba Bizantina, 19.IV.2010, Baviera C. (BCPC); Etna, Belpasso, M.te San Leo, 29.V.1991, Turrisi G.F. (TGPC); ditto, 9.VI.1996, Bella S. (BSPC); 17.VI.1996, Bella S. (BSPC); Barriera del Bosco, 20.V.1996, Bella S. (BSPC); Piana di Catania, Vaccarizzo, 12.V.1996, Bella S. (BSPC); Piana di Catania, C.da Torre Allegra, 5.3.1999, Bella S. (BSPC); **Caltanissetta:** Bosco di Niscemi, ex *Echium*, 26.I/5.IV.1987, Sparacio I. (SIPC); **Siracusa:** Melilli, Torrente Belluzza, 25.IV.1999, Turrisi G.F. (TGPC); **Agrigento:** Monti Sicani, Monte Cammarata, 1000 m a.s.l., 27.V.2007, Baviera C. (BCPC); **Palermo:** Serre di Ciminna, 19.IV.2007, Muscarella C. (MCPC); Giacalone, Monte Gradara, 24.V.1982, Sparacio I. (SIPC); Villagrazia di Carini, 1.VI.1981, Bellavista M. (MCBC); ditto, 1.V.1981, Sparacio I. (SIPC); Foci F. Pollina, 20.V.1981, Sparacio I. (SIPC); Monte Pellegrino, 13.V.1981, Sparacio I. (SIPC); Capaci, 2.V.1981, Sparacio I. (SIPC); Dint. Stazione Montemaggiore Belsito, 13.IV.2010 Muscarella C. (MCPC); ditto, 28.IV.2012, Muscarella C. (MCPC); Serre della Pizzuta 25.V.2014, Muscarella C. (MCPC); Madonie, Portella Colla, 1450 m a.s.l., 03.VI.2000, Baviera C. (BCPC); Collesano, 9.VI.1974, Massa B. (SIPC); ditto, c.da Volpignano, 2.VI.1974, Massa B. (SIPC); Madonna dell’Alto, 30.V.1977, Massa B. (SIPC); Vallone Canna, 13.V.2007, Muscarella

C. (MCPC); Castelbuono, La Liccia, 800 m a.s.l.; 29.V.2007, Baviera C. (BCPC); Tremonzelli, 12.VI.1993, Sparacio I. (SIPC); Monti Sicani, Palazzo Adriano, 27-29.V.2007, Baviera C. (BCPC); ditto, lago Fanaco, 15.V.2008, Muscarella C. (MCPC); Monte Carcaci, 01.V.2001, Turrisi G.F. (TGPC); Prizzi, 3.VI.1988, Sparacio I. (SIPC); **Trapani**: Vita, 19.V.1988, Sparacio I. (SIPC); R.N.O. Saline di Trapani e Paceco, Salina Anselmo, 29.IV.2004, Baviera C. (BCPC); Foci Belice, 22.IV.1981, Sparacio I. (SIPC); Cave di Cusa, 4-5.V.1997, Sparacio I. (SIPC); San Vito, Castelluzzo, 13.IV.2002, Sparacio I. (SIPC); ditto, litorale, 26.IV.2008, Arnone M. (SIPC); Gorgi Tondi, 27.IV.2011, Muscarella C. (MCPC)

Notes. Very common and widespread in mainland Italy and Sicily, reported from Lipari (Cecchi and Lo Cascio, 2000), Nebrodi (Mistretta), Palermo, Sicani (Ficuzza woods: (Ragusa 1924)), Catania, Etna (Pedara, Ragalna, Sciarre di Mascalucia: (Demelt 1963)), Nebrodi (Randazzo), Iblei (Palazzolo Acreide), Segesta (Trapani), Caltagirone (Catania), Termini Imerese, Terrasini (Palermo) (Sama and Schurmann 1980; Sama 1988; Sama 2005). Not previously recorded from Peloritani and Agrigento province.

Phytoecia (Opsilia) molybdaena (Dalman, 1817)

Chorotype - MED

Host plants - BOR (*Cerinth*, *Lithospemum*, *Echium*, *Lappula*, *Buglossoides*), AST (*Chrysanthemum*), PAP (*Papaver*)

Trophic category - POL

Notes. Very rare in Italy, including Sicily, reported only by Ghiliani (1842) and Baudi in Ragusa (1924).

Phytoecia (Phytoecia) nigricornis (Fabricius, 1782)

Chorotype - SIE

Host plants - AST (*Tanacetum*, *Artemisia*, *Solidago*)

Trophic category - OLI

New records - **Messina**: Monti Peloritani, Novara di Sicilia, Rocca Novara, 25.VI.2011, Reitano A. (FEI); Monti Nebrodi, Floresta, dintorni, 1000 m a.s.l., 24.VI.1999, Turrisi G.F. (TGPC); Mistretta, 31.V.1982, Sparacio I. (SIPC); ditto, 18.V.1986, Sparacio I. (SIPC); **Catania**: Castiglione di Sicilia, Fiume Alcantara, Cuba Bizantina, 19.V.2010, Baviera C. (BCPC); Etna, Sant'Alfio, Bosco Cerrita, 1500 m a.s.l., 24.VII.2004, Baviera C. (BCPC); Piano Provenzana, 1800 m a.s.l., 08.VI.2000, Baviera C. (BCPC); ditto, 02.VII.1999, Baviera C. (BCPC); ditto, 19.VII.2002, Baviera C. (BCPC); ditto, 24.VI.2004, Baviera C. (BCPC); Pineta di Linguaglossa, m 1500, 15.VII.1992, Turrisi G.F. (TGPC); ditto, 21/23.VII.1995, Sparacio I. (SIPC); Rifugio Citelli, 15.VII.1996, Bella S. (BSPC); Maletto, 12.VI.2013, Muscarella C. (MCPC); **Palermo**: Madonie, Piano Zucchi, 7.V.1988, Sparacio I. (SIPC)

Notes. Common and widespread species in Sicily (Sama 2005).

Phytoecia (Phytoecia) rufipes (Olivier, 1795)

Chorotype - MED

Host plants - API (*Foeniculum*, *Ferula*)

Trophic category - MON

New records - **Messina**: Città, Forte San Jachiddu, 400 m a.s.l., 29.V.2011, Baviera C. (BCPC); Monti Peloritani, Monte Antennamare, 18.V.2000, Baviera C. (BCPC); Pizzo Chiarino, 600 m a.s.l., 29.V.2010, Baviera C. (BCPC); Itala, Mastropietro, 30.V.2004, Camino F. (CFPC); Monti Nebrodi, San Fratello, 09.VI.1980, Bellavista M. (MCBC); ditto, 18.III.1982, Sparacio I. (SIPC);

ditto, 7.VI.1987, Sparacio I. (SIPC); ditto, 4.VI.1992, Sparacio I. (SIPC); ditto, 9.VI.1984, Sparacio I. (SIPC); ditto, 18.VI.1982, Sparacio I. (SIPC); **Catania**: Vizzini, c.da Paradiso, 29.V.1999, Turrisi (SIPC); **Caltanissetta**: Bosco di Niscemi, 20.V.1982, Sparacio I. (SIPC); **Palermo**: Madonie, Madonna dell'Alto, 26.VI.1983, Sparacio I. (SIPC); Baita del Faggio, 1400 m a.s.l., 22.VI.2000, Baviera C. (BCPC); **Trapani**: Castellammare del Golfo, RNO Zingaro, 19-21.V.2003, Baviera C. (BCPC)

Notes. Common and widespread in Sicily (Sama 2005), but not previously recorded from Trapani and Caltanissetta provinces and only in Malabotta Wood in Peloritani (Contarini, 2007).

Phytoecia (Phytoecia) caerulea (Scopoli, 1772)

Chorotype - TUE

Host plants - BRA (*Sinapis*, *Sisymbrium*, *Rapistrum*, *Raphanus*)

Trophic category - OLI

New records - **Messina**: Monti Peloritani, Montalbano Elicona, 11.V.2012, Baviera C. (BCPC); **Catania**: Santo Pietro, Monte Terrana, 14.IV.1993, Sallemi M. (BCPC); **Caltanissetta**: Sutura, 24.IV.1983, Sparacio I. (SIPC); **Agrigento**: Monti Sicani, Monte Cammarata 1450 m a.s.l., 27.V.2007, Baviera C. (BCPC); **Palermo**: Parco della Favorita, 5.V.1982, Sparacio I. (SIPC); Bellolampo, 1.V.1981, Sparacio I. (SIPC)

Notes. Rare but widespread in Southern Italy and Sicily. Only recently reported from Messina province in Peloritani (Portella Zilla, Mount Polverello: Contarini (2007)). New record for Agrigento province.

Phytoecia (Phytoecia) malachitica Lucas, 1849

Chorotype - WME

Host plants - BOR (*Cerinth*, *Cynoglossum*, *Anchusa*, *Echium*)

Trophic category - OLI

New records - **Catania**: Fiume Alcantara, 06.IV.2013, Colacurcio L. (FEI); **Enna**: Piazza Armerina, 27.IV.2007, Angelini F., teste Sama G. (FEI)

Notes. Known in Italy only from Sicily where it has been very rare and known only from a few localities of Caltanissetta, Catania and Siracusa provinces (Sama 2005). Newly recorded from Enna province.

Phytoecia (Phytoecia) virgula (Charpentier, 1825)

Chorotype - TUE

Host plants - AST (*Artemisia*, *Daucus*, *Chrysanthemum*, *Inula*, *Hieracium*, *Tanacetum*, *Achillea*)

Trophic category - POL

New records - **Messina**: Monti Peloritani, Pizzo Chiarino, 600 m a.s.l., 06.VI.2004, Baviera C. (BCPC); Monti Nebrodi, Biviere di Cesarò, 10.VI.2001, Bella S. (BSPC); Mistretta, 18.V.1986, Sparacio I. (SIPC); **Catania**: Piana di Catania, Vaccarizzo, 15.IV.1997, Pulvirenti I. (BSPC); Monti Iblei, Fiume Vizzini, Contrada Rubalá, 2.V.1999, Turrisi G.F. (TGPC); **Ragusa**: Vittoria, Vallone Ippari, 18.IV.1995, Sallemi M. (BCPC); **Caltanissetta**: Bosco di Niscemi, 20.V.1982, Sparacio I. (SIPC); Biviere di Gela, 08.IV.1989 Sparacio I. (SIPC); **Agrigento**: Monte Genuardo, 700 m a.s.l., 28.V.2007, Baviera C. (BCPC); Foce Fiume Platani, 1.V.1992, Sparacio I. (SIPC); Eraclea Minoa, 22.IV.2011, Muscarella C. (MCPC); **Palermo**: Sagana, 20.V.1982, Bellavista M. (MCBC); Monti Sicani, Piana degli Albanesi, 04.VII.1996, Sparacio I. (SIPC)

Notes. Common and widespread in Sicily (Sama 2005), but not previously recorded from Ragusa province.

Phytoecia (Phytoecia) vulneris Aurivillius, 1923

Chorotype - SEU

Host plants - AAPI (*Ferulago*), ROS (*Potentilla*), LAM (*Phlomis*)

Trophic category - POL

New records - **Messina:** Monti Nebrodi, Biviere di Cesarò, 1200 m a.s.l., 27.V.2006, Baviera C. (BCPC); ditto, 01.VI.2007, Baviera C. (BCPC); Portella Maulazzo, 1300 m a.s.l., 28.V.2011, Baviera C. (BCPC); Mistretta, 18.V.1986, Sparacio I. (SIPC); ditto, 4.VI.1992 Sparacio I. (SIPC); **Palermo:** Madonie, Piano Cervi, 30.VI.1975, Massa B. (SIPC)

Notes. Uncommon in Sicily, reported only from Palermo (Breuning 1951), Sicani (Ficuzza woods: Ragusa (1924)), Madonie (Torre Montaspro, Passo Canale, Pomieri), Nebrodi (Nicosia, Cesarò, Mount Soro) Peloritani (Mount Polverello) and Erei (Leonforte) (Sama 1988; Sama 2005; Rapuzzi and Sama 2006; Contarini 2007).

Tetropini Portevin, 1927

***Tetrops* Stephens, 1829**

Tetrops praeustus (Linnaeus, 1758)

Chorotype - SIE

Host plants - FAG (*Quercus*, *Populus*), SAL (*Salix*), ACE (*Acer*), RHA (*Rhamnus*), ULM (*Ulmus*), TIL (*Tilia*), ROS (*Rosa*, *Crataegus*, *Rosa*, *Pyrus*, *Malus*, *Prunus*, *Mespilus*), OLE (*Fraxinus*), CEL (*Euonymus*)

Trophic category - POL

New records - **Messina:** Monti Peloritani, Montalbano Elicona, Bosco di Malabotta, 23.V.2006, Baviera C. (BCPC); San Fratello, 17.V.2002 Baviera C. (BCPC); ditto, 20.V.2000, Baviera C. (BCPC); Monti Nebrodi, Portella Maulazzo, 1400 m a.s.l., 14.V.2004, Baviera C. (BCPC); Biviere di Cesarò, 1200 m a.s.l., 05.VII.1999, Baviera C. (BCPC); ditto, 26.V.2004, Baviera C. (BCPC)

Notes. Reported by Ragusa (1924) from Sicani (Ficuzza woods) and Madonie (Castelbuono), it has been cited also from Piano Zucchi (Sama 1988; Sama 2005).

Tetrops starkii Chevrolat, 1859

Chorotype - EUR

Host plants - OLE (*Fraxinus*), ACE (*Acer*)

Trophic category - OLI

Notes. Only recently recorded from Sicily (Bellavista, La Mantia, and Sparacio 2009), where it seems to be locally abundant only in Ficuzza woods (Sicani).

TABLE 1. Updated checklist of Sicilian Cerambycidae with Red List category and criteria as in Italian (IT) Red List (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015) and in the European (EU) Red List (Nieto and Alexander 2010). Endemic taxa are reported with boldface characters. Species and subspecies were classified according to the following categories: least concern (LC); data deficient (DD); near treated (NT); vulnerable (VU); endangered (EN); critical risk (CR); introduced established allochthonous (I).

SPECIES	CHOROTYPE	RED LIST IT	RED LIST EU
<i>Vesperus luridus</i> (Rossi, 1794)	MED		
<i>Prinobius myardi slamorum</i> Danilevsky, 2012	TUM	NT	LC
<i>Ergates faber opifex</i> Mulsant, 1851	NAF	NT	
<i>Prionus coriarius</i> (Linnaeus, 1758)	TEM	NT	DD
<i>Aegosoma scabricorne</i> (Scopoli, 1763)	TUE	LC	LC
<i>Rhamnusium bicolor bicolor</i> (Schrank, 1781)	EUR	NT	
<i>Rhagium (Hagrium) bifasciatum</i> Fabricius, 1775	ASE	LC	
<i>Rhagium (Megarhagium) sycophanta</i> (Schrank, 1781)	SIE	NT	
<i>Rhagium (Rhagium) inquisitor inquisitor</i> (Linnaeus, 1758)	OLA	LC	
<i>Dinoptera (Dinoptera) collaris</i> (Linnaeus, 1758)	SIE	LC	
<i>Grammoptera (Grammoptera) ustulata ustulata</i> (Schaller, 1783)	TUE	LC	
<i>Grammoptera (Grammoptera) ruficornis flavipes</i> Pic, 1892	SICI	NT	
<i>Grammoptera (Grammoptera) viridipennis</i> Pic, 1893	SICI	EN	B1ab(iii)
<i>Neopiciella sicula</i> (Ganglbauer, 1885)	SICI	CR	B2ab(iii)
<i>Pedostrangalia (Pedostrangalia) revestita</i> (Linnaeus, 1767)	EUR	NT	
<i>Stictoleptura (Stictoleptura) cordigera cordigera</i> (Fuessly, 1775)	TUE	LC	
<i>Stictoleptura (Stictoleptura) oblongomaculata</i> (Buquet, 1840)	NAF		
<i>Stictoleptura (Melanoleptura) scutellata melas</i> (Lucas, 1849)	WME	VU	B1ab(iii)
<i>Paracorymbia fulva</i> (De Geer, 1775)	EUR	LC	
<i>Pachytodes erraticus</i> (Dalman, 1817)	TUE	LC	
<i>Alosterna tabacicolor tabacicolor</i> (De Geer, 1775)	SIE	LC	
<i>Pseudovadonia livida livida</i> (Fabricius, 1777)	SIE	LC	
<i>Rutpela maculata manca</i> (Schaufuss, 1863)	TUE	NT	
<i>Stenurella (Priscostenurella) bifasciata bifasciata</i> (O. F. Müller, 1776)	SIE	LC	
<i>Stenurella (Nigrostenurella) nigra nigra</i> Linnaeus, 1758	TUE	LC	
<i>Spondylis buprestoides</i> (Linnaeus, 1758)	ASE	NT	
<i>Nothorhina punctata</i> Fabricius, 1798	ASE	NT	

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Table 1 – Continued from previous page

<i>Asemum tenuicorne tenuicorne</i> Kraatz, 1879	EEU	NT	
<i>Arhopalus ferus</i> (Mulsant, 1839)	PAL	LC	
<i>Arhopalus rusticus rusticus</i> (Linnaeus, 1758)	OLA	LC	
<i>Cephalocrius syriacus</i> (Reitter, 1895)	MED	LC	
<i>Oxypleurus nodieri</i> Mulsant, 1839	MED	NT	
<i>Schurmannia sicula</i> Sama, 1979	SICI	CR	
		B1ab(iii)	
		+ 2ab(iii)	
<i>Phoracantha semipunctata</i> (Fabricius, 1775)	COS	I	
<i>Phoracantha recurva</i> Newman, 1840	COS	I	
<i>Hesperophanes sericeus</i> (Fabricius, 1787)	MED	LC	
<i>Trichoferus fasciculatus fasciculatus</i> (Faldermann, 1837)	TUM	LC	
<i>Trichoferus griseus</i> (Fabricius, 1792)	MED	LC	
<i>Trichoferus holosericeus</i> (Rossi, 1790)	MED	LC	
<i>Trichoferus spartii</i> (G. Müller, 1948)	EEU	LC	
<i>Stromatium auratum</i> (Böber, 1793)	MED	LC	
<i>Cerambyx</i> (<i>Cerambyx</i>) <i>cerdo cerdo</i> Linnaeus, 1758	TEM	LC	NT
<i>Cerambyx</i> (<i>Cerambyx</i>) <i>welensii welensii</i> (Küster, 1845)	SEU	LC	NT
<i>Cerambyx</i> (<i>Cerambyx</i>) <i>miles</i> Bonelli, 1812	SEU	LC	NT
<i>Cerambyx</i> (<i>Microcerambyx</i>) <i>scopolii scopolii</i> Fuessly, 1775	TEM	LC	NT
<i>Cerambyx</i> (<i>Microcerambyx</i>) <i>scopolii siculus</i> Rapuzzi and Sama, 2010	SICI	NT	
<i>Rosalia</i> (<i>Rosalia</i>) <i>alpina alpina</i> (Linnaeus, 1758)	EUR	NT	LC
<i>Purpuricenus globulicollis globulicollis</i> Dejean, 1839	SEU	NT	DD
<i>Purpuricenus kaehleri kaehleri</i> (Linnaeus, 1758)	TUE	LC	LC
<i>Penichroa fasciata</i> (Stephens, 1831)	TUM	LC	LC
<i>Gracilia minuta</i> (Fabricius, 1781)	COS	LC	LC
<i>Axinopalpis gracilis gracilis</i> (Krynicky, 1832)	EME	NT	LC
<i>Stenhomalus</i> (<i>Obriopsis</i>) <i>bicolor</i> (Kraatz, 1862)	EME	NT	LC
<i>Nathrius brevipennis</i> (Mulsant, 1839)	WME	LC	DD
<i>Dolocerus reichii</i> Mulsant, 1862	EME	LC	LC
<i>Molorchus</i> (<i>Molorchus</i>) <i>umbellatarus umbellatarus</i> (Schreber, 1759)	EUR	LC	LC
<i>Stenopterus ater</i> (Linnaeus, 1767)	WME	LC	LC
<i>Stenopterus rufus rufus</i> (Linnaeus, 1767)	TUE	LC	LC
<i>Callimus</i> (<i>Callimus</i>) <i>abdominalis</i> (Olivier, 1795)	SEU	LC	LC
<i>Callimus</i> (<i>Callimus</i>) <i>angulatus angulatus</i> (Schrank, 1789)	EUM	LC	LC
<i>Certallum ebulinum</i> (Linnaeus, 1767)	TUM		
<i>Deilus fugax</i> (Olivier, 1790)	TUM	LC	LC
<i>Aromia moschata moschata</i> Linnaeus, 1758	CAE	LC	LC
<i>Aromia moschata ambrosiaca</i> (Steven, 1809)	SEU	NT	
<i>Hylotrupes bajulus</i> (Linnaeus, 1758)	PAL	LC	LC
<i>Ropalopus</i> (<i>Ropalopus</i>) <i>siculus</i> (Stierlin, 1864)	MED	EN	DD
		B2ab(iii)	

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<i>Pyrrhodium sanguineum</i> (Linnaeus, 1758)	EUM	LC	LC
<i>Leioderes kollari jacopoi</i> Rapuzzi and Sama, 2010	SICI	CR	B2ab(iii)
<i>Phymatodes (Phymatodes) testaceus</i> (Linnaeus, 1758)	PAL	LC	LC
<i>Phymatodes (Poecilium) alni alni</i> (Linnaeus, 1767)	TUE	LC	LC
<i>Phymatodes (Phymatoderus) lividum</i> (Rossi, 1794)	MED	LC	DD
<i>Xylotrechus (Xylotrechus) antilope antilope</i> (Schönherr, 1817)	TUE	LC	LC
<i>Xylotrechus (Xylotrechus) arvicola arvicola</i> (Olivier, 1795)	TEM	LC	LC
<i>Xylotrechus (Xylotrechus) stebbingi</i> Gahan, 1906	SCOS	I	
<i>Clytus (Clytus) clavicornis</i> Reiche, 1860	SICI	VU	VU
		B1ab(iii)	B1ab(iii)
			+ 2ab(iii)
<i>Clytus (Clytus) rhamni rhamni</i> Germar, 1817	TUE	LC	LC
<i>Pseudosphegistes cinerea</i> (Laporte and Gory, 1836)	WEU	NT	DD
<i>Plagionotus arcuatus arcuatus</i> (Linnaeus, 1758)	TUE	LC	LC
<i>Echinocerus floralis</i> (Pallas, 1773)	SIE		
<i>Neoplacionotus scalaris</i> (Brullé, 1832)	WME		
<i>Chlorophorus (Immaculatus) glabromaculatus</i> (Goeze, 1777)	EUR	LC	LC
<i>Chlorophorus (Immaculatus) varius varius</i> (O. F. Müller, 1766)	SIE	LC	LC
<i>Chlorophorus (Perderomaculatus) sartor</i> (O. F. Müller, 1766)	TUE	LC	LC
<i>Chlorophorus (Crassofasciatus) trifasciatus</i> (Fabricius, 1781)	MED	LC	LC
<i>Anaglyptus (Anaglyptus) gibbosus</i> (Fabricius, 1787)	WME	LC	LC
<i>Herophila tristis tristis</i> (Linnaeus, 1767)	SEU	LC	
<i>Morimus asper asper</i> (Sulzer, 1776)	SEU	LC	
<i>Dorcadion (Cribridorcadion) etruscum</i> (Rossi, 1790)	SISA		
<i>Parmena pilosa inclusa</i> Mulsant, 1863	MED	LC	
<i>Parmena pubescens</i> (Dalman, 1817)	TYRR		
<i>Parmena subpubescens</i> Hellrigl, 1971	TYRR	NT	
<i>Monoctonus galloprovincialis galloprovincialis</i> (Olivier, 1795)	WME	LC	LC
<i>Mesosa (Mesosa) curculionoides</i> (Linnaeus, 1760)	SIE	LC	
<i>Mesosa (Aplocnemina) nebulosa nebulosa</i> (Fabricius, 1781)	EUM	LC	
<i>Agapanthia (Agapanthia) cardui</i> (Linnaeus, 1767)	TUM		
<i>Agapanthia (Agapanthia) suturalis</i> (Fabricius, 1787)	MED		
<i>Agapanthia (Smaragdula) violacea</i> (Fabricius, 1775)	SIE		
<i>Agapanthia (Homoblephara) maculicornis davidii</i> Sláma, 1986	SISA		
<i>Agapanthia (Epopetes) asphodeli</i> (Latreille, 1804)	SEU		
<i>Agapanthia (Epopetes) sicula sicula</i> Ganglbauer, 1884	SICI		

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<i>Agapanthia (Epopetes) villosoviridescens</i> (DeGeer, 1775)	SIE		
<i>Agapanthia (Stichodera) irrorata</i> (Fabricius, 1787)	WME		
<i>Calamobius filum</i> (Rossi, 1790)	MED		
<i>Niphona (Niphona) picticornis</i> Mulsant, 1839	MED	LC	
<i>Anaesthetis testacea testacea</i> (Fabricius, 1781)	SIE	LC	
<i>Deroplia genei genei</i> (Aragona, 1830)	SEU	NT	
<i>Deroplia troberti troberti</i> (Mulsant, 1843)	WME	NT	
<i>Pogonocherus (Pogonocherus) hispidus</i> (Linnaeus, 1758)	EUM	LC	
<i>Pogonocherus (Pogonocherus) hispidulus</i> (Piller and Mitterpacher, 1783)	EUM	LC	
<i>Pogonocherus (Pogonocherus) neuhausi</i> G. Müller, 1916	EME	NT	
<i>Pogonocherus (Pogonocherus) perroudi perroudi</i> Mulsant, 1839	MED	LC	
<i>Pogonocherus (Pityphilus) fasciculatus</i> (De Geer, 1775)	TUM	LC	
<i>Exocentrus adpersus</i> Mulsant, 1846	CAE	LC	
<i>Acanthocinus (Acanthocinus) aedilis</i> (Linnaeus, 1758)	ASE	LC	
<i>Acanthocinus (Acanthocinus) henschi aetnensis</i> Rapuzzi and Sama, 2010	SICI	CR	
		B1ab(iii)	
		+ 2ab(iii)	
<i>Acanthocinus (Acanthocinus) xanthoneurus</i> (Mulsant and Rey, 1852)	SISA	NT	
<i>Leiopus (Leiopus) nebulosus nebulosus</i> (Linnaeus, 1758)	EUR	LC	
<i>Leiopus (Leiopus) femoratus</i> Fairmaire, 1859	EUM	NT	
<i>Aegomorphus clavipes</i> (Schrank, 1781)	SIE	LC	
<i>Saperda (Compsidia) populnea</i> (Linnaeus, 1758)	OLA		
<i>Saperda (Lopezcolonia) punctata</i> (Linnaeus, 1767)	EUM	LC	LC
<i>Saperda (Lopezcolonia) scalaris scalaris</i> (Linnaeus, 1758)	PAL	LC	LC
<i>Oberea (Oberea) linearis</i> (Linnaeus, 1760)	SIE	LC	
<i>Oberea (Oberea) oculata</i> (Linnaeus, 1758)	ASE	LC	
<i>Phytoecia (Blepisanis) melanocephala</i> (Fabricius, 1787)	NAF		
<i>Phytoecia (Opsilia) coerulea</i> (Scopoli, 1763)	ASE		
<i>Phytoecia (Opsilia) molybdaena</i> (Dalman, 1817)	MED		
<i>Phytoecia (Phytoecia) nigricornis</i> (Fabricius, 1782)	SIE		
<i>Phytoecia (Phytoecia) rufipes rufipes</i> (Olivier, 1795)	MED		
<i>Phytoecia (Phytoecia) caerulea caerulea</i> (Scopoli, 1772)	TUE		
<i>Phytoecia (Phytoecia) malachitica</i> Lucas, 1849	WME		
<i>Phytoecia (Phytoecia) virgula</i> (Charpentier, 1825)	TUE		
<i>Phytoecia (Phytoecia) vulneris vulneris</i> Aurivillius, 1923	SEU		
<i>Tetrops praeustus praeustus</i> (Linnaeus, 1758)	SIE	LC	
<i>Tetrops starkii</i> Chevrolat, 1859	EUR	NT	

4. Conclusions and final remarks

With the first report of *Axinopalpis gracilis*, a total of 133 species, about 45% of the whole Italian longhorn beetle's fauna (296 species according to Sama and Rapuzzi 2011), representing 77 genera and 6 subfamilies were recorded from Sicily. The occurrence of *Stictoleptura rubra* and *Saperda carcharias* is considered questionable and it needs confirmation. Among the Sicilian Cerambycidae, 36 taxa live as larva on herbaceous plants and 97 on woody plants. The xylophagous and saproxylophagous taxa include four (two species and two subspecies) endemic, recently reported as "in critical risk of extinction" (CR) in the Red List of Saproxylic Italian beetles (Rapuzzi, Biscaccianti, and Baviera 2014; Carpaneto *et al.* 2015); three species were reported as endangered (EN) and two other taxa are reported as vulnerable (VU).

Twenty-two different chorotypes are represented: 48% of the total species shows a widespread distribution in the Palaearctic Region (PAL s.l.), with a relevant number of the Sibirico-European and the Turanic-European corotypes (15 species each) (see Figs. 1-2).

Particularly relevant is the amount of the Mediterranean component (MED s.l.: 33%), with 17 species shows a Mediterranean distribution. Among the European component (EUR s.l.) the most represented is the South-European (10 species). Three species are shared with Mediterranean Africa: *Stictoleptura oblongomaculata*, *Ergates faber opifex* and *Phytoecia melanocephala*. There are 9 taxa endemic to Sicily (SICI) (four species and five subspecies), additionally two species and one subspecies shows a distribution including only Southern Apennines and Northern Sicily (SISA), whereas two are Tyrrhenian species (TYRR). Endemic taxa amount to 52% of the entire Italian endemic longhorn beetles component.

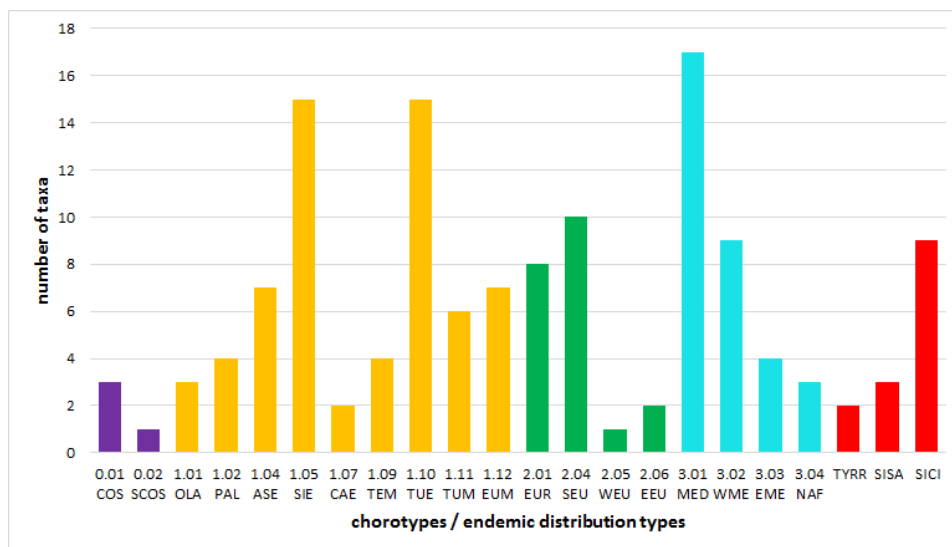


FIGURE 1. Number of Sicilian longhorn beetles taxa subdivided in the different chorotype or endemic distribution type categories (see Sec. 2 for abbreviations)

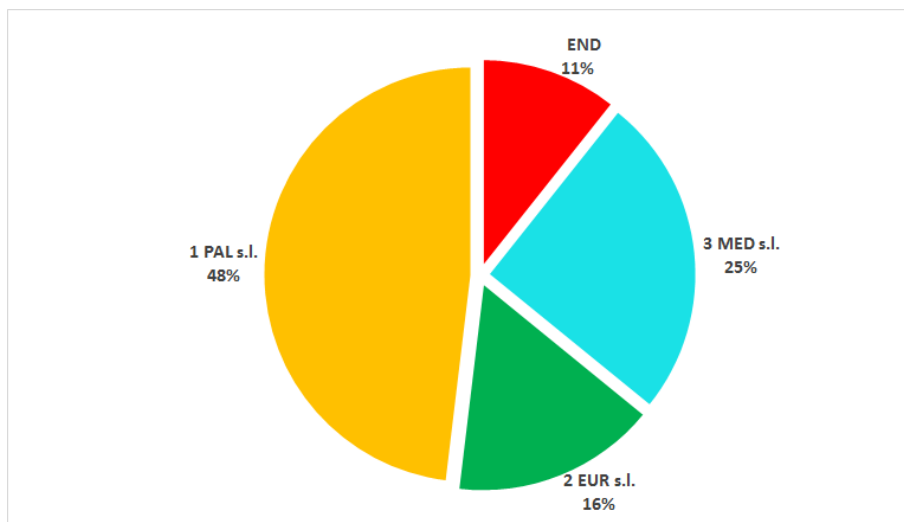


FIGURE 2. Percentages of Sicilian longhorn beetles taxa for chorotype class excluding cosmopolite and subcosmopolite taxa (see Sec. 2 for abbreviations)

The Sicilian Cerambycidae fauna exhibits a higher diversity if compared with the Maltese Islands which consists of 29 species (Mifsud 2002), but also with the 79 species recently listed from Sardinia (Sama 2011) and the 43 listed for Cyprus (Ambrus, Grosser, and Hrbek 2014). Interestingly, eleven species were collected in Sicily only one time. Five species in the past (*Rhagium sycophanta*, *Opsilia molybdaena*, *Oberea linearis*, *Pedostrangalia revestita* and *Pyrrhidium sanguineum*), never collected again after the records by (Ragusa 1924) and (Vitale 1936); three species were recently recorded from Sicily: *Stenhomalus bicolor*, cited from a single specimen by Sama (2005); *Deroplia genei*, cited from a single specimen by Gobbi (1994); *Rhagium bifasciatum*, cited from a single specimen preserved in Magistretti collection (Sama 2005). Moreover, *Acanthocinus xanthonerus* wasn't collected for 90 years. Only a species, *Lamia textor* is so far probably to be excluded from Sicilian fauna, following the opinion of Sama and Rapuzzi (2011).

Analyzing the trophic categories, with the exception of *P. livida* which develops on saprophytic fungi, it emerges that the polyphagous species represent the 75% of the total (Fig. 3), followed by monophagous (16%) and oligophagous (only 9%), which point out the low trophic specialization of this family of Chrysomeloidea. The monophagous species are mainly on Pinaceae (38%, see Fig. 4). Sicilian Cerambycidae are globally associated with 61 different vascular plant families (the most preferred ones including Fagaceae, Rosaceae, Salicaceae, Pinaceae, Corylaceae, Fabaceae, Betulaceae and Ulmaceae) and more than a half taxa (74, corresponding to 55.6%) feeding on the Fagaceae (FAG) family (mainly, genera *Quercus*, *Fagus*, *Castanea*) used as host plants mainly by TUE taxa and which host all the Sicilian endemic xylophagous and saproxylophagous taxa (see Figs. 5 and 6).

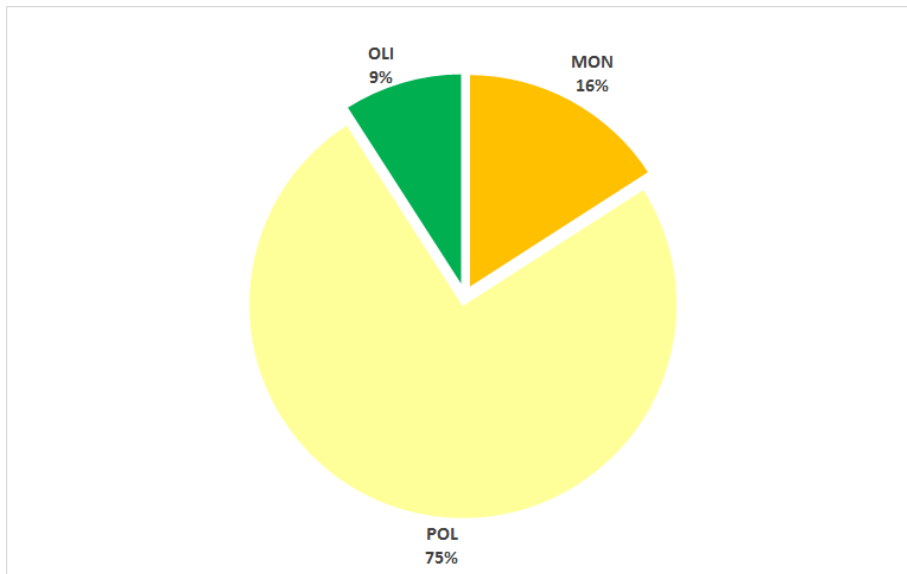


FIGURE 3. Percentages of Sicilian longhorn beetles taxa for trophic categories (see Sec. 2 for abbreviations)

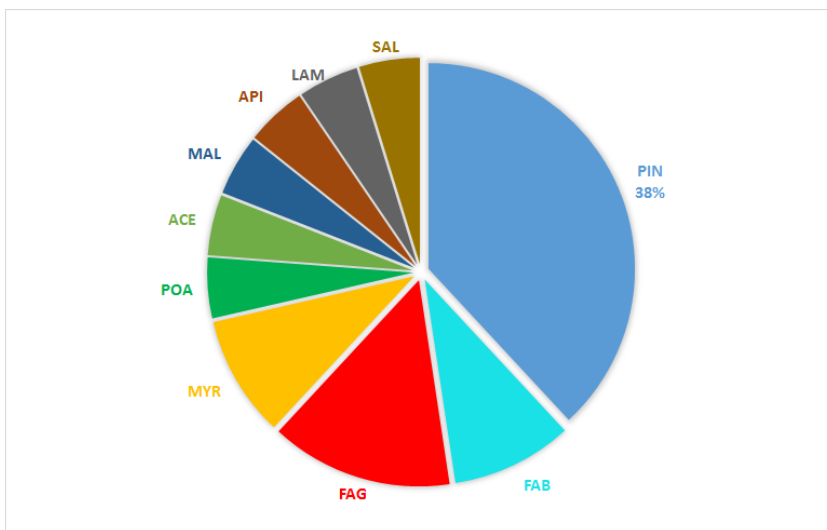


FIGURE 4. Percentages of Sicilian longhorn beetles taxa monophagous (MON) according to the host plant families (see Sec. 2 for abbreviations)

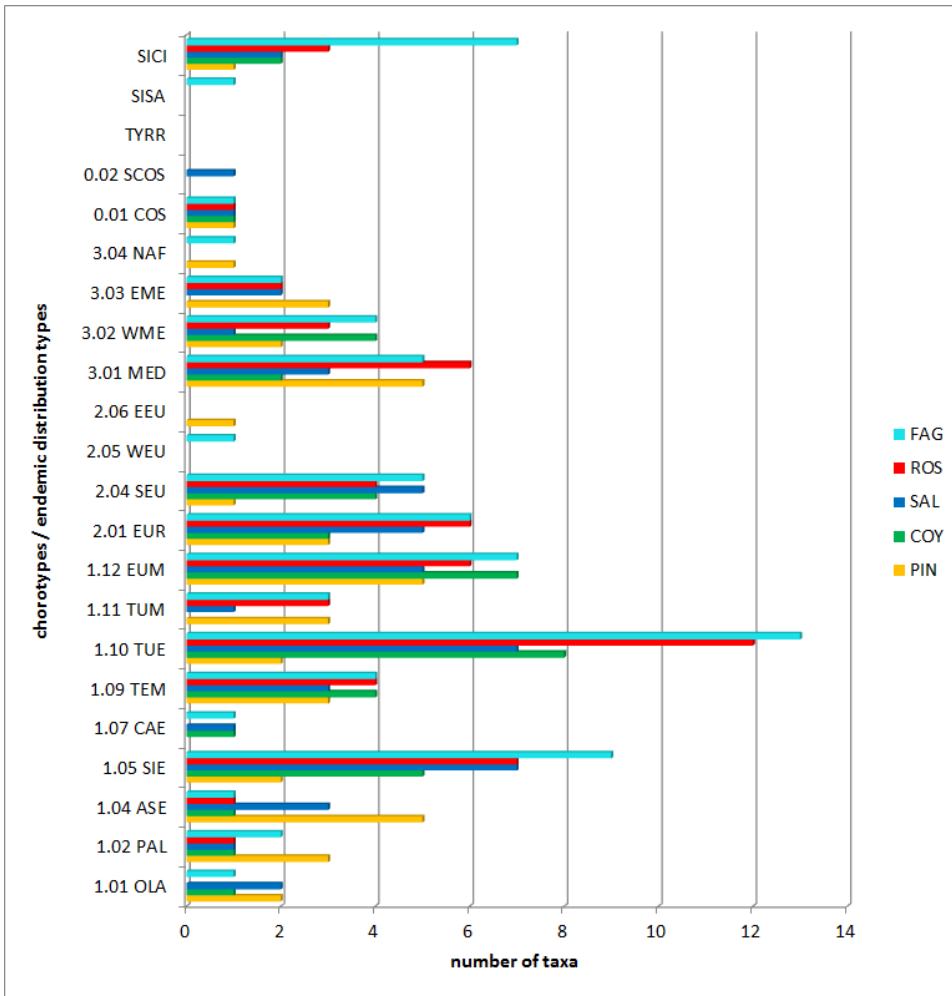


FIGURE 5. Number of Sicilian longhorn beetles taxa per chorotype or endemic distribution type category for the most significant host plant families (see Sec. 2 for abbreviations)

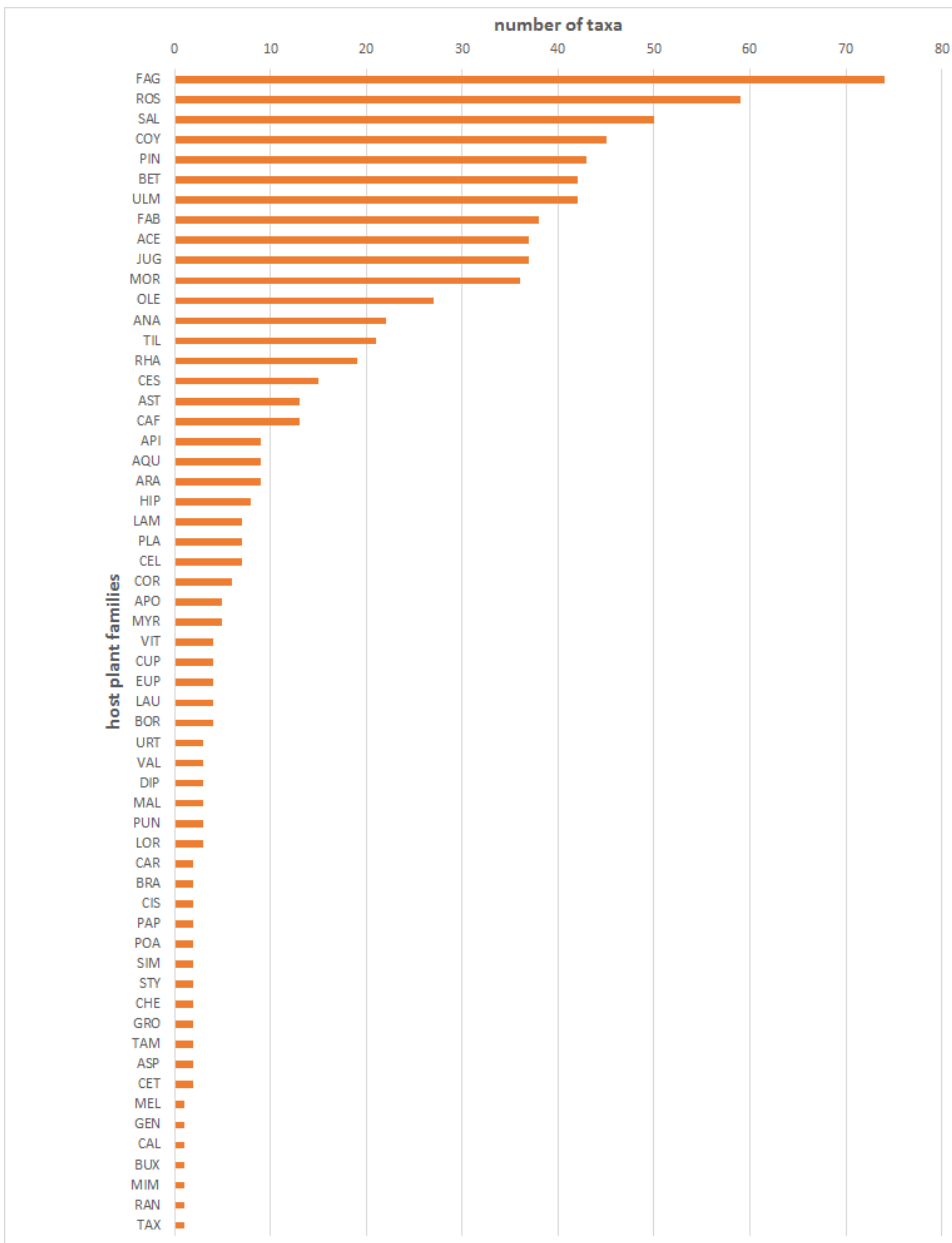


FIGURE 6. Number of Sicilian longhorn beetles taxa subdivided according to the host plant families. The botanical nomenclature follows the last checklist of the Sicilian flora (Raimondo, Domina, and Spadaro 2010).

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