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A SURVEY OF THE APHID FAUNA IN THE ITALIAN REGIONS OF LATIUM AND CAMPANIA

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Barbagallo S., Massimino Cocuzza G.E. - A survey of the aphid fauna in the Italian regions of Latium and Campania.

A survey of the biodiversity of the aphid fauna for the two administrative Italian regions of Latium and Campania indicated the presence of 269 and 324 species or subspecies, respectively, and a total of 390 taxa for both regions. Host plant, collection locations, and bibliographic references, if any, are provided for each aphid taxon listed. Additional notes on the taxonomic status, local distribution, and ecology are provided for a few taxa. Five aphid species are new records for Italy. Short biogeographical accounts are also provided and compared to the corresponding data of the Italian aphid fauna as a whole.

KEY WORDS: Aphid fauna, biodiversity, Italy

INTRODUCTION

A survey of the biodiversity and local distribution of the Italian aphid fauna was begun by the senior author several years ago. This report presents the current findings from the two administrative regions Latium and Campania in the west-central peninsular area of the country. Therefore, we provide here a list of the aphid species from these two regions, which is inclusive of our field data and of any known published records for each of the listed taxa.

Published data for Latium includes the well known-book on the Phylloxerinae issued in Rome by B. Grassi and his collaborators (GRASSI *et al.*, 1912). An earlier paper described galligenous aphids for the same region (PALLAVICINI MISCIATTELLI, 1894), and a more recent list of 80 aphid species collected in Rome and its surroundings then became available (BARBAGALLO *et al.*, 1997). For Campania, we include several aphid pest species noted in the valuable book of applied entomology by SILVESTRI (1939) and more recently in a book by TREMBLAY (1995) on the Exopterygota, among his series of books on pest insects. Deserving of note, mainly for Campania, are also several of Roberti's papers, particularly those concerning Pemphigini and Fordini (ROBERTI, 1938; 1939b). Useful for both regions is, in addition, a recent book on applied entomology (POLLINI, 2013) that provides information about the regional distribution in Italy of many insect pests, including aphids. A number of additional reports by various authors supply further records for these regions on different aphid species. Thus, a total of 248 aphid species, 139 for Latium and 208 for Campania, have been, to our knowledge, recorded in the published literature.

MATERIALS AND METHOD

The field data are mainly from our aphid collection for the two regions, which spans a period of more than 35 years (1976-2014). We have gathered and identified approximately 850 aphid samples, 450 from Latium and 400 from Campania (see Figs. I and II). Some of these

samples were kind gifts from various colleagues and scientists (noted in the following aphid list) who usually requested their taxonomic identification. Furthermore, a few of our records were derived from direct field observations not followed by specimen collection when the species were clearly identifiable *in situ*.

All available samples were clarified and permanently mounted on microscopic slides, mostly using Canada balsam as a medium and following the current preparation method for aphids (BLACKMAN & EASTOP, 2000).

Plant identification, whenever required, mostly followed Pignatti's keys and descriptions (PIGNATTI, 1982), updating their nomenclature, if required, with the checklist of the Italian vascular flora by CONTI *et al.* (2005).

RESULTS AND CHECKLIST OF TAXA

The aphid species listed here are separately mentioned for the two administrative regions, Latium and Campania. For each taxon, field data are first reported, followed by relevant bibliographic references, if any. The list contains a total of 390 taxa (as species and/or subspecies), 269 for Latium and 324 for Campania. Taxa are listed in order of systematic group following the most recent taxonomic criteria in aphidology. The sequence of genera inside each group follows that used in the checklist of Italian aphid fauna (BARBAGALLO *et al.*, 1995). Field data for each aphid taxon are listed in chronological order of collection. Here we add available data for a number of samples collected in Campania many years ago and now belonging to Essig's collection at the Berkeley Museum (California) as listed on the website <http://essig.berkeley.edu>.

In addition to papers giving clear regional reports of species, publications with extensive information (i.e. books and others) on recorded aphids are also included if the aphids could be reasonably assigned within the two regional boundaries. For some of the latter cases, distributions quoted as central or middle Italy and as southern or meridional Italy are regarded as inclusive of Latium and Campania, respectively.

LIST OF APHID SPECIES¹Family *Adelgidae**Pineus pini* (Macquart, 1819)

LATIUM:

Ref.: SILVESTRI, 1939; POLLINI, 2013

CAMPANIA:

Ref.: SILVESTRI, 1939; POLLINI, 2013; BINAZZI, 2004

Dreyfusia piceae (Ratzemburg, 1844)

LATIUM:

Ref.: POLLINI, 2013

CAMPANIA:

Ref.: COVASSI & BINAZZI, 1993; POLLINI, 2013

Gilletteella coweni (Gillette, 1907)

CAMPANIA:

Ref.: COVASSI & BINAZZI, 1981; TREMBLAY, 1995

Sacchiphantes abietis (Linnaeus, 1758)

LATIUM:

Ref.: SILVESTRI, 1939 (as *Chermes abietis*, partim)

CAMPANIA:

Ref.: SILVESTRI, 1939 (as *Chermes abietis*, partim)Family *Phylloxeridae**Phylloxerina populi* (Del Guercio, 1900)

LATIUM:

Ref.: GRASSI *et al.*, 1912; CECCONI, 1924*Phylloxerina salicis* (Lichtenstein, 1884)

LATIUM:

Ref.: GRASSI *et al.*, 1912

CAMPANIA:

Ref.: GRASSI *et al.*, 1912*Acanthohermes quercus* Kollar, 1848

LATIUM:

Ref.: GRASSI *et al.*, 1912; CECCONI, 1924*Phylloxera confusa* (Grassi, 1912)

LATIUM:

Ref.: GRASSI *et al.*, 1912 (as *Phylloxerella confusa*);
CECCONI, 1924 (as *Ph. confusa*)*Phylloxera glabra* (von Heyden, 1837)

LATIUM:

Ref.: GRASSI *et al.*, 1912 (as *Paraphylloxera glabra*);
CECCONI, 1924 (as *P. glabra*)*Phylloxera ilicis* (Grassi, 1912)

LATIUM:

Ref.: GRASSI *et al.*, 1912 (as *Partenophylloxera ilicis*);
CECCONI, 1924 (as *P. ilicis*); MELIS, 1957*Phylloxera italica* (Grassi, 1912)

LATIUM:

Ref.: GRASSI *et al.*, 1912 (as *Phylloxeroides italicum*);
CECCONI, 1924 (as *Ph. italicum*)*Phylloxera quercina* (Ferrari, 1872)(= *spinulosa* Targioni Tozzetti)

LATIUM:

Ref.: GRASSI *et al.*, 1912 (as *Acanthaphbis spinulosa*);
CECCONI, 1924 (as *A. spinulosa*)*Phylloxera quercus* Boyer de Fonscolombe, 1834(= ? *florentina* Targioni Tozzetti; = *signoreti* Targioni
Tozzetti)LATIUM: *Quercus ilex*, Rome, 19.V.78;Ref.: GRASSI *et al.*, 1912; CECCONI, 1924; ZAPPAROLI,
1992 (as *Phylloxera* sp.); BARBAGALLO *et al.*, 1997;
POLLINI, 2013CAMPANIA: *Quercus ilex*, Sessa Aurunca – CE, 12.VI.13Ref.: Grassi *et al.*, 1912; CECCONI, 1924; SILVESTRI, 1939;
ROBERTI 1993; POLLINI, 2013*Moritzella corticalis* (Kaltenbach, 1867)

LATIUM:

Ref.: GRASSI *et al.*, 1912; CECCONI, 1924*Foaiella danesii* (Grassi & Foà, 1908)

LATIUM:

Ref.: GRASSI *et al.* 1912; CECCONI, 1924*Viteus vitifoliae* (Fitch, 1855)LATIUM: *Vitis berlandieri*, Cerveteri – RM, 27.VI.12Ref.: GRASSI *et al.*, 1912 [(as *Phylloxera (Viteus) vastatrix*
(Planch.)]; SILVESTRI, 1939 [(as *Peritymbia vitifolii*
(Fitch)]; GRANDI, 1951 (as *Ph. vastatrix*); MELIS, 1957
(as *Ph. vastatrix*); POLLINI, 2013CAMPANIA: *Vitis x rupestris*, Sessa Aurunca – CE,
12.VI.13Ref.: SILVESTRI, 1939 (as *P. vitifolii*); GRANDI, 1951 (as
Ph. vastatrix); TREMBLAY, 1995; POLLINI, 2013*Aphanostigma piri* (Cholodkovsky, 1903)

CAMPANIA:

Ref.: ROBERTI, 1948; MELIS, 1948; GRANDI, 1951;
POLLINI, 2013Family *Aphididae*Subfamily *Pemphiginae**Eriosoma lanigerum* (Hausmann, 1802)LATIUM: *Malus domestica*, Rieti, loc. Setteponti, 29.VI.12

Ref.: PALLAVICINI MISCIATTELLI, 1894; POLLINI, 2013

CAMPANIA: *Malus sylvestris*, Montesano sulla Marcellana
– SA, loc. Cerreta, 15.VI.93

Ref.: SILVESTRI, 1939; ROBERTI, 1993; POLLINI, 2013

Eriosoma (Schizoneura) lanuginosum (Hartig, 1839)LATIUM: *Ulmus minor*, Rome (Pratone delle Valli),

10.VI.94 (M. Zapparoli leg.); Trevi nel Lazio – FR,

12.VI.13; Fondi – LT, loc. Fondi Lake, 13.VI.13;

Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13

Ref.: PALLAVICINI MISCIATTELLI, 1894; SILVESTRI, 1939;
GRANDI, 1951; ZAPPAROLI, 1993b (as *E. lanigerum*,
lapsus pro *lanuginosum*); BARBAGALLO *et al.*, 1997;
POLLINI, 2013

CAMPANIA:

Ref.: SILVESTRI, 1939; ROBERTI, 1993; POLLINI, 2013

¹ Notes:

Abbreviations used for provinces name:

LATIUM: FR = Frosinone; LT = Latina; RI = Rieti; RM = Rome;
VT = Viterbo.CAMPANIA: AV = Avellino; BN = Benevento; CE = Caserta; NA =
Naples; SA = Salerno.Asterisk applied to a taxon indicates that there are additional
notes to the same taxon on next section.

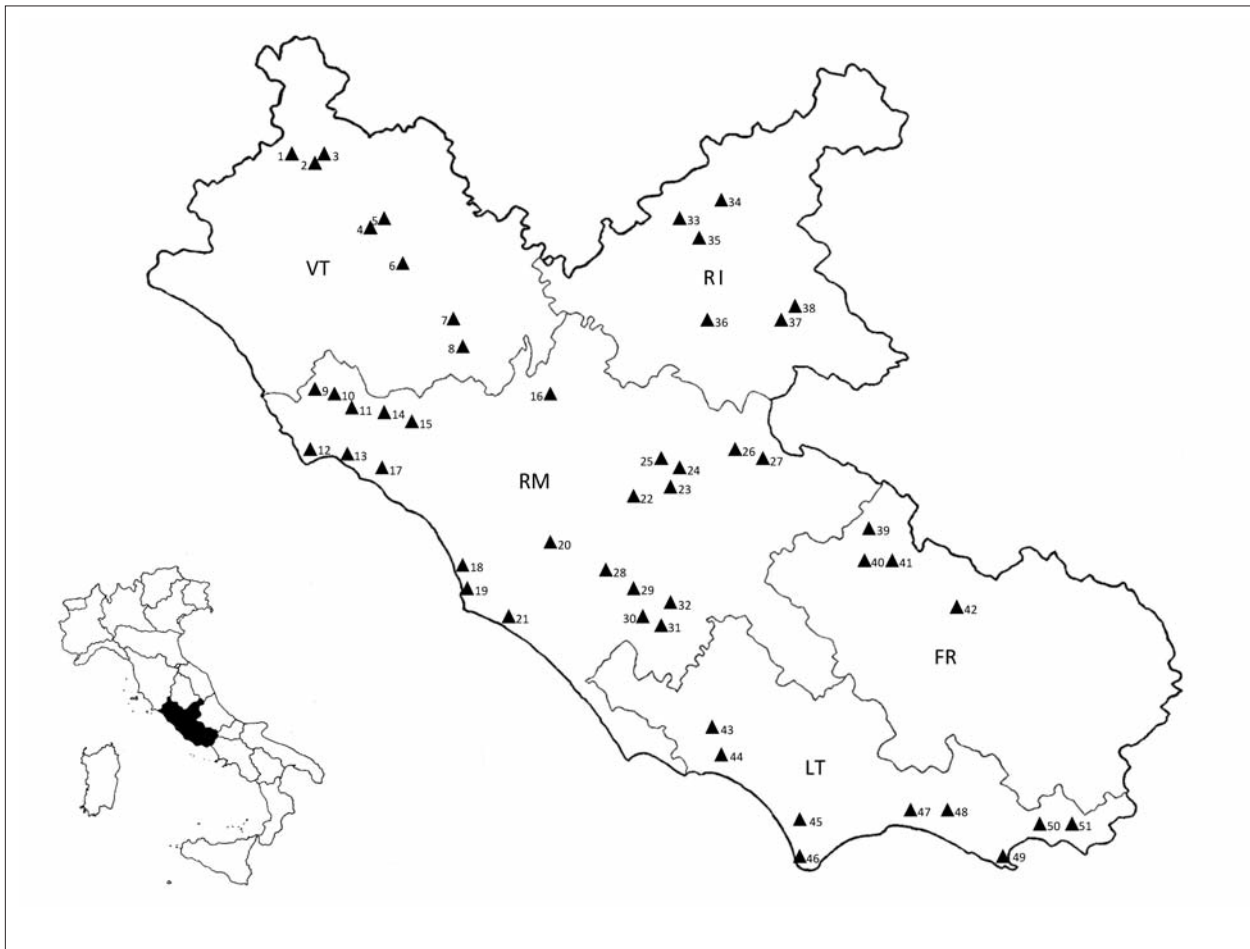


Fig. I – Aphid collecting sites in Latium region as below listed.

- | | | |
|---|-----------------------------------|--|
| 1. Valentano - VT | 18. Fiumicino – RM, loc. Fregene | 36. Casaprota – RI, loc. Collelungo |
| 2. Marta – VT | 19. Fiumicino – RM | 37. Petrella Salto – RI, loc. Borgo San Pietro |
| 3. Montefiascone - VT | 20. Rome | 38. Petrella Salto – RI |
| 4. Viterbo | 21. Rome – RM, loc. Lido di Ostia | 39. Trevi nel Lazio – FR |
| 5. Viterbo – VT, loc. Bagnaia | 22. Tivoli – RM | 40. Fiuggi – FR |
| 6. Ronciglione – VT, Cimini Mts. | 23. Castel Madama – RM | 41. Guarcino – FR |
| 7. Ronciglione – VT | 24. Vicovaro – RM | 42. Veroli – FR |
| 8. Sutri – VT | 25. San Polo dei Cavalieri – RM | 43. Cisterna di Latina – LT |
| 9. Allumiere – RM | 26. Roviano – RM | 44. Latina |
| 10. Tolfa – RM | 27. Marano Equo – RM | 45. Pontinia – LT |
| 11. Tolfa – RM, loc. Rota | 28. Ciampino – RM | 46. Sabaudia – LT, loc. Sabaudia Lake and Caprolace Lake |
| 12. Santa Marinella – RM | 29. Marino – RM | 47. Fondi – LT, Fondi Lake |
| 13. Santa Marinella – RM, loc. Santa Severa | 30. Ariccia – RM | 48. Fondi – LT |
| 14. Manziana – RM | 31. Velletri – RM | 49. Gaeta – LT |
| 15. Bracciano Lake – RM | 32. Rocca Priora- RM | 50. Formia – LT, loc. Maranola |
| 16. Morlugo – RM | 33. Rieti, loc. Setteponti | 51. Formia – LT, loc. Castellonoro |
| 17. Cerveteri – RM | 34. Rieti, loc. Terminillo | |
| | 35. Rieti | |

Eriosoma (Schizoneura) pyricola Baker & Davidson, 1916

LATIUM:

Ref.: SILVESTRI, 1939 (as *E. inopinatum* Alfieri)

CAMPANIA: *Ulmus minor*, Vitulano - BN, 15.VI.07

Ref.: SILVESTRI, 1939 (as *E. inopinatum* Alfieri)

Eriosoma (Schizoneura) ulmi Linnaeus, 1758

LATIUM: *Ulmus minor*, Sutri – VT, 27.VI.12

Ref.: PALLAVICINI MISCIATTELLI, 1894

CAMPANIA: Vagrant alate, San Gregorio Matese – CE, 13.VI.07 (P. Suma leg.); *Ulmus minor*, Sessa Aurunca – CE, 12.VI.13

Kaltenbachiella pallida (Haliday, 1838)

LATIUM: *Ulmus minor*, San Polo dei Cavalieri – RM,

25.V.98; *Mentha suaveolens*, Cerveteri – RM,

27.VI.12; vagrant alatae, Cerveteri – RM, 11.VI.13; *U.*

minor, Fondi – LT, loc. Fondi Lake, 13.VI.13

CAMPANIA: *Ulmus minor*, Sessa Aurunca – CE, 12.VI.13

Ref.: SILVESTRI, 1939 (as *Gobaishia pallida*); ROBERTI, 1993

Tetraneura africana van der Goot, 1912

CAMPANIA:

Ref.: MORDVILKO, 1935; HILLE RIS LAMBERS, 1970;

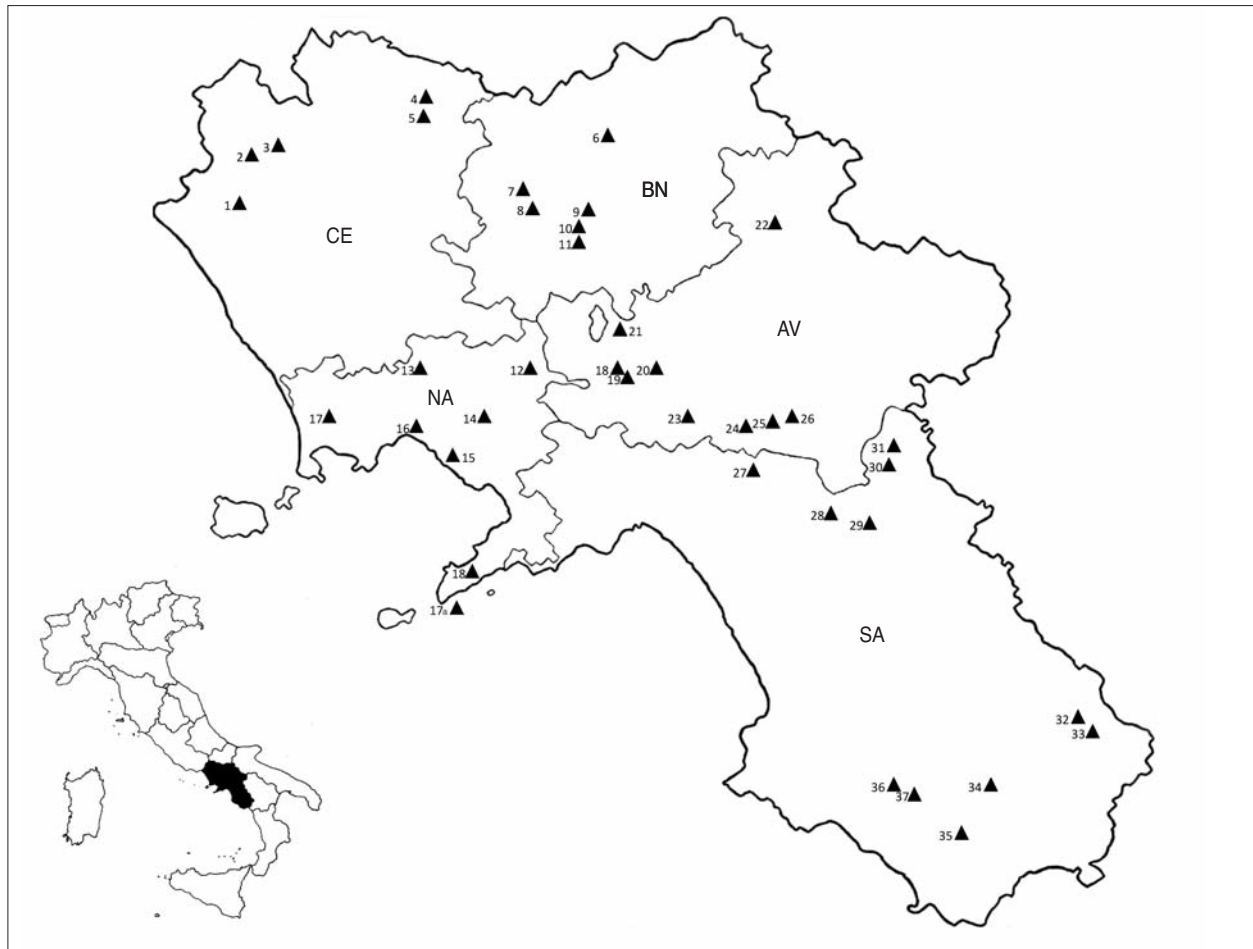


Fig. II – Aphid collecting sites in Campania region as below listed.

- | | | |
|----------------------------|---|--|
| 1. Sessa Aurunca – CE | 15. Portici – NA | 27. Acerno – SA, loc. Picentini Mts. |
| 2. Roccamonfina – CE | 16. Napoli | 28. Campagna – SA |
| 3. Marzano Appio – CE | 17. Pozzuoli – NA | 29. Camaldoli – SA |
| 4. Castello Matese – CE | 17a. Sorrento – NA | 30. Colliano – SA |
| 5. San Gregoro Matese – CE | 18. Mercogliano – AV | 31. Colliano – SA, loc. Marzano Mt. |
| 6. Campolattaro – BN | 19. Mercogliano – AV, loc. Montevegine | 32. Montesano sulla Marcellana – SA |
| 7. Teleso Terme – BN | 20. Avellino | 33. Montesano sulla Marcellana – SA,
loc. Cerreta |
| 8. Solopaca – BN | 21. Pietrastornina – AV | 34. Sanza – SA, Serritore Mt. |
| 9. Vitulano – BN | 22. Ariano Irpino – AV | 35. Montano Antilia – SA |
| 10. Cautano – BN | 23. Serino – AV | 36. Novi Velia – SA |
| 11. Tocco Caudio – BN | 24. Montella – AV | 37. Novi Velia – SA, loc. Vallo della
Lucania |
| 12. Nola – NA | 25. Montella – AV, loc. Piano di
Verteglia | |
| 13. Frattamaggiore – NA | 26. Bagnoli Irpino – AV | |

Tetraneura caerulescens (Passerini, 1856)

LATIUM: *Ulmus minor*, Rome (Villa Borghese), 24.IV.96 and San Polo dei Cavalieri – RM, 25.V.98; Fondi – LT, loc. Fondi Lake, 13.VI.13; Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13
Ref.: BARBAGALLO *et al.*, 1997

CAMPANIA:

Ref.: SILVESTRI, 1939; ROBERTI 1993

Tetraneura ulmi (Linnaeus, 1758)

LATIUM: *Ulmus minor*, Santa Marinella – RM, loc. Santa Severa, 11.VI.13; Fondi – LT, loc. Fondi Lake, 13.VI.13; Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13

Ref: POLLINI, 2013

CAMPANIA: *Ulmus minor*, Sessa Aurunca – CE, 12.VI.13
Ref.: SILVESTRI, 1939 [as *Byrsocrypta gallarum* (Gmelin)]; POLLINI, 2013

Tetraneura (Tetraneurella) nigriabdominalis Sasaki, 1904 (= *akinire* Sas.)

LATIUM: *Ulmus minor*, Rome (Villa Borghese), 24.IV.96; vagrant alate, Rome, (Botanical Garden), 30.X.98; Fondi – LT, loc. Fondi Lake, 13.VI.13; Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13

Ref.: BARBAGALLO *et al.*, 1997 (as *T. akinire*); POLLINI, 2013

CAMPANIA: *Ulmus minor*, Sessa Aurunca – CE, 12.VI.13

Ref. Pollini, 2013

- Patchiella reaumuri* (Kaltenbach, 1843)
LATIUM: *Tilia x vulgaris*, Tolfa – RM, 27.VI.12
CAMPANIA:
Ref.: TROTTER, 1907 (as *Schizoneura reaumuri*); ROBERTI, 1939a and 1993
- Prociphilus fraxini* (Fabricius, 1777)
CAMPANIA:
Ref.: SILVESTRI, 1939 (as *P. poschingeri* Holz.)
- Thecabius affinis* (Kaltenbach, 1843)
LATIUM: *Populus nigra*, Rieti, 29.VI.12; *P. nigra* ssp. *italica*, Rome (Villa Borghese), 24.IV.96 and Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
Ref.: PALLAVICINI MISCIATTELLI, 1894; BARBAGALLO *et al.*, 1997
CAMPANIA: *Populus nigra*, Sessa Aurunca – CE, 12.VI.13
Ref.: LICOPOLI, 1877; ROBERTI, 1938
- Pemphigus bursarius* (Linnaeus, 1758)
LATIUM: *Populus nigra* ssp. *italica*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
Ref.: PALLAVICINI MISCIATTELLI, 1894; BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA:
Ref.: ROBERTI, 1938 and 1993; SILVESTRI, 1939; MICIELI DE BIASE, 1983; POLLINI, 2013
- Pemphigus immunis* Buckton, 1896
LATIUM: *Populus nigra*, Rieti, 29.VI.12; *P. nigra* ssp. *italica*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
Ref. TROTTER & CECCONI, 1902 (as *P. bursarius*, partim)
CAMPANIA: *Populus nigra*, Solopaca – BN, 15.VI.07
Ref.: ROBERTI, 1938 (as *P. lichtensteini* Tull.) and 1993
- Pemphigus populinigrae* (Schrank, 1801)*
LATIUM:
Ref.: PALLAVICINI MISCIATTELLI, 1894 (as *Pemphigus marsupialis* Courchet *sensu* Licht. 1886)
CAMPANIA:
Ref.: ROBERTI, 1938 (as *P. filaginis* B.d.F.) and 1993
- Pemphigus protospirae* Lichtenstein, 1886
CAMPANIA:
Ref.: ROBERTI, 1939a and 1993
- Pemphigus spyrothecae* Passerini, 1860
LATIUM: *Populus nigra*, Trevi nel Lazio – FR, loc. Ponte delle Tartare, 12.VI.13
Ref.: ZAPPAROLI, 1993b; BARBAGALLO *et al.*, 1997
CAMPANIA: *Populus nigra*, Sessa Aurunca – CE, 12.VI.13
Ref.: LICOPOLI, 1877; ROBERTI, 1938 and 1993
- Pemphigus (Pemphigus) populi* Courchet, 1879
LATIUM: *Populus nigra*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
Ref.: PALLAVICINI MISCIATTELLI, 1894;
CAMPANIA: *Populus nigra*, San Gregorio Matese – CE, 13.VI.07
Ref.: ROBERTI, 1938 (as *Pemphigus populi*)
- Pemphigus (Pemphigus) vesicarius* Passerini, 1861
LATIUM: *Populus nigra*, Rieti, 29.VI.12; *P. nigra* ssp. *italica*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
Ref.: Pallavicini Misciattelli, 1894
CAMPANIA: *Populus nigra*, San Gregorio Matese – CE, 13.VI.07
Ref.: LICOPOLI, 1877; ROBERTI, 1938 (as *Pemphigus vesicarius*); Tremblay, 1993
- Aploneura ampelina* (Mokrzecky, 1896)*
CAMPANIA:
Ref.: MORDVILKO, 1935; SILVESTRI, 1939; ROBERTI, 1993
- Aploneura lentisci* (Passerini, 1856)
LATIUM: *Pistacia lentiscus*, Tolfa – RM, 27.VI.12; Santa Marinella – RM, loc. Santa Severa, 11.VI.13; Formia – LT, 13.VI.13
Ref.: PALLAVICINI MISCIATTELLI, 1894; POLLINI, 2013
CAMPANIA: *Pistacia* sp., Naples, -.45 (Essig collection)
Ref.: LICOPOLI, 1877; GRANDI, 1921; ROBERTI, 1939b and 1993; SILVESTRI, 1939; POLLINI, 2013
- Baizongia pistaciae* (Linnaeus, 1767)
LATIUM: *Pistacia terebinthus*, San Polo dei Cavalieri – RM, 29.VI.12
Ref.: Trotter & Cecconi, 1904 (as *Tetraneura cornicularia* Pass.); Cecconi, 1924 (as *T. cornicularia*); Pollini, 2013
CAMPANIA:
Ref.: LICOPOLI, 1877; ROBERTI, 1939b and 1993; SILVESTRI, 1939; POLLINI, 2013
- Geoica setulosa* (Passerini, 1860)
CAMPANIA:
Ref.: MORDVILKO, 1935 (as *G. herculana* sp. n.); ROBERTI, 1939b
- Geoica utricularia* (Passerini, 1856), s.l. (group)
LATIUM: *Pistacia terebinthus*, San Polo dei Cavalieri – RM, 29.VI.12
Ref.: TROTTER & CECCONI, 1904 (as *Tetraneura utricularia*); POLLINI, 2013
CAMPANIA:
Ref.: ROBERTI, 1939b, 1983 and 1993; SILVESTRI, 1939; POLLINI, 2013
- Paracletus cimiciformis* von Heyden, 1837
CAMPANIA:
Ref.: ROBERTI, 1939b and 1993
- Paracletus donisthorpei* Theobald, 1927
CAMPANIA:
Ref.: ROBERTI, 1939b and 1993
- Aloephagus myersi* Essig 1950
CAMPANIA: *Gasteria* sp., Portici – NA, 22.IV.80 (L. Micieli De Biase leg.)
Ref.: MICIELI DE BIASE, 1988; ROBERTI, 1996; POLLINI, 2013
- Forda formicaria* von Heyden, 1837 (= *semilunaria* Pass.)
LATIUM: *Pistacia terebinthus*, San Polo dei Cavalieri – RM, 29.VI.12
Ref.: LOMBARDI, 1913; POLLINI, 2013
CAMPANIA:
Ref.: LICOPOLI, 1877; ROBERTI, 1939b and 1993; SILVESTRI, 1939; POLLINI, 2013
- Forda marginata* Koch, 1857 (= *follicularia* Pass.)
LATIUM: *Pistacia terebinthus*, San Polo dei Cavalieri – RM, 29.VI.12
Ref.: LOMBARDI, 1913 (as *F. trivialis* Pass.)
CAMPANIA: *Festuca* sp., Mercogliano – AV, loc.

Montevergine, 17.VI.93; *Pistacia terebinthus*, Castello del Matese – CE, 13.VI.07
 Ref.: ROBERTI, 1939b [as *F. follicularia*, *F. trivialis* (Pass.) and *F. hexagona* Theob.], 1983 and 1993

Forda rotunda Theobald, 1914

CAMPANIA:

Ref.: MORDVILKO, 1935 (as *Fordona italica* sp.n.); ROBERTI, 1939b (as *F. italica* Mordv.)

Smyntburodes betae Westwood, 1849

CAMPANIA:

Ref.: ROBERTI, 1939b [as *Trifidaphis phaseoli* (Pass.) and *T. silvestrii* Mordv.]; SILVESTRI, 1939

Subfamily *Mindarinae*

Mindarus abietinus Koch, 1857

LATIUM:

Ref.: POLLINI, 2013

CAMPANIA: *Abies nordmanniana*, Naples, 16.V.76; *A. cephalonica*, San Gregorio Matese – CE, 12.VI.07

Ref.: SILVESTRI, 1939; POLLINI, 2013

Subfamily *Hormaphidinae*

Cerataphis lataniae (Boisduval, 1867)*

CAMPANIA:

Ref.: SILVESTRI, 1939; ROBERTI, 1993

Subfamily *Phloeomyzinae*

Phloeomyzus passerinii (Signoret, 1875)

LATIUM: *Populus canadensis*, Sutri – VT, 27.VI.12

CAMPANIA:

Ref.: ROBERTI, 1939a and 1993; SILVESTRI, 1939; TREMBLAY, 1995

Subfamily *Anoeciinae*

Anoecia corni (Fabricius, 1775)

LATIUM: *Cornus* sp., Rome (Botanical Garden), 31.X.98;

Cornus sanguinea, Ronciglione – VT, Mts. Cimini, 28.VI.12

Ref. SILVESTRI, 1939

CAMPANIA:

Ref.: SILVESTRI, 1939; ROBERTI, 1993

Anoecia haupti Börner, 1940

CAMPANIA: *Cornus sanguinea*, Campagna – SA, loc.

Camaldoli and Contursi Terme – SA, 23.IX.76;

Vagrant alate, Colliano – SA, Mt. Marzano, 23.IX.76

and Acerno – SA, Mts. Picentini, 16.VI.93

Subfamily *Theloxinae*

Theloxes dryophila (Schrank, 1801)

CAMPANIA:

Ref.: ROBERTI, 1993

Theloxes suberi (Del Guercio, 1911)

LATIUM: *Quercus ilex*, Rome (Villa Borghese), 24.IV.96

Ref.: BARBAGALLO *et al.*, 1997; ROBERTI, 1993

CAMPANIA: *Quercus ilex*, Naples, 13.V.76; *Q. pubescens*, Marzano Appio – CE, loc. Campagnola, 12.VI.13

Subfamily *Phyllaphidinae*

Phyllaphis fagi (Linnaeus, 1767)

LATIUM: *Fagus sylvatica*, Tolfa – RM, 11.VI.13

CAMPANIA: *Fagus sylvatica*, Mercogliano – AV, loc. Montevergine, 17.VI.93

Subfamily *Calaphidinae*

Euceraphis betulae (Koch, 1855)

LATIUM: *Betula pendula*, Veroli – FR, 12.VI.13

CAMPANIA: *Betula pendula*, Sanza – SA, Mt. Serritore, 15.VI.93

Betulaphis brevopilosa Börner, 1940

CAMPANIA: *Betula pendula*, Sanza – SA, Mt. Serritore, 15.VI.93

Callipterinella calliptera (von Heyden, 1841)

LATIUM: *Betula pendula*, Morlupo – RM, 28.VI.12 and Veroli – FR, 12.VI.13

Crypturaphis grassii Silvestri, 1935

CAMPANIA: *Alnus cordata*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76 and Novi Velia – SA, 3.VI.95

Ref.: SILVESTRI, 1935; ROBERTI, 1993; POLLINI, 2013

Panaphis juglandis (Goeze, 1778)

LATIUM: *Juglans regia*, Cerveteri – RM, 27.VI.12 and Rieti, loc. Setteponti (Ripa Sottile Lake), 29.VI.12

Ref: POLLINI, 2013

CAMPANIA: *Juglans regia*, Roccamonfina – CE, loc. Lavatoio, 12.VI.13

Ref.: MICIELI DE BIASE & CALAMBUCA, 1980 (as *C. juglandis*); ROBERTI, 1993; POLLINI, 2013

Chromaphis juglandicola (Kaltenbach, 1843)

LATIUM: *Juglans regia*, Rieti, loc. Setteponti, 29.VI.12

Ref: POLLINI, 2013

CAMPANIA: *Juglans regia*, Roccamonfina – CE, loc. Lavatoio, 12.VI.13

Ref.: SILVESTRI, 1939 (as *Callipterus juglandicola*); MICIELI DE BIASE & CALAMBUCA, 1980; ROBERTI, 1993; POLLINI, 2013

Myzocallis boernerii Stroyan, 1957

LATIUM: *Quercus cerris*, Tolfa – RM, 27.VI.12 and Fiuggi – FR, 12.VI.13

Myzocallis carpini (Koch, 1855)

LATIUM: *Carpinus orientalis*, Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13

CAMPANIA: *Carpinus betulus*, Montesano sulla Marcellana – SA, 15.VI.93

Myzocallis coryli (Goeze, 1778)

LATIUM: *Corylus avellana*, Sutri – VT, 27.VI.12

Ref: POLLINI, 2013

CAMPANIA: *Corylus avellana*, Roccamonfina – CE, loc. Lavatoio, 12.VI.13

- Ref.: SILVESTRI, 1939; RUSSO, 1967; VIGGIANI, 1970, 1972 and 1982; ROBERTI, 1993; POLLINI, 2013
- Myzocallis schreiberei* Hille Ris Lambers & Stroyan, 1959
LATIUM: *Quercus ilex*, Rome, 24.IV.96 and 24.V.98; same host plant, Marta – VT, 28.VI.12 and Ariccia – RM, 11.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Quercus ilex*, Sessa Aurunca – CE, 12.VI.13
- Myzocallis (Agrioaphis) castanicola* ssp. *leclanti* Quednau & Remaudière, 1994
LATIUM: *Castanea sativa*, Allumiere – RM, 27.VI.12 and Tolfa – RM, 11.VI.13
Ref.: POLLINI, 2013 (as *M. castanicola* Baker s.l.)
CAMPANIA: *Castanea sativa*, Sanza – SA, Mt. Serritore, 15.VI.1993; vagrant alate, Montella – AV, loc. Piano di Verteglia, 16.VI.93; Marzano Appio - CE, loc. Campagnola – CE, 12.VI.13
Ref.: ROBERTI, 1993 (as *M. castanicola* s.l.); POLLINI, 2013 (as *M. castanicola* s.l.)
- Myzocallis (Lineomyzocallis) walsbii* (Monell, 1879)
LATIUM: *Quercus rubra*, Fiuggi – FR, 12.VI.13
CAMPANIA: *Quercus rubra*, Montesano sulla Marcellana – SA, loc. Cerreta, 15.VI.93
Ref.: PATTI & LOZZIA, 1994
- Myzocallis (Pašekia) komareki* (Pašek, 1953)
LATIUM: *Quercus cerris*, Allumiere – RM, 27.VI.12
- Myzocallis (Pašekia) mediterranea* Quednau & Remaudière, 1994
LATIUM: *Quercus dentata*, Rome (Villa Borghese), 24.IV.96; *Q. pubescens*, Vicovaro – RM, 29.VI.12
CAMPANIA: *Quercus* gr. *pubescens*, Marzano Appio - CE, loc. Campagnola, 12.VI.13
- Hoplocallis picta* (Ferrari, 1872)
LATIUM: *Quercus ilex*, Rome (Villa Borghese), 24.IV.96, Marta – VT, 28.VI.12 and Ariccia – RM, 11.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Quercus ilex*, Naples, 13.V.76 and Portici – NA, 27.V.87
Ref.: ROBERTI, 1993
- Tubercolatus (Tuberculoidea) annulatus* (Hartig, 1841)
CAMPANIA:
Ref.: ROBERTI, 1993
- Tubercolatus (Tuberculoidea) borealis* (Krzywiac, 1971)
LATIUM:
Ref.: HILLE RIS LAMBERS, 1974
- Tubercolatus (Tuberculoidea) eglerti* Börner, 1950
LATIUM: *Quercus dentata*, Rome (Villa Borghese), 24.IV.96; *Q. pubescens*, Vicovaro – RM, 29.VI.12
Ref.: HILLE RIS LAMBERS, 1974; BARBAGALLO *et al.*, 1997
CAMPANIA: *Quercus pubescens*, Campagna – SA, loc. Camaldoli, 23.IX.76; Marzano Appio - CE, loc. Campagnola, 12.VI.13
- Tinocallis kabawaluokalani* (Kirkaldy, 1907)
LATIUM: *Lagerstroemia indica*, Rome, 12.VII.84 and 11.IX.84
Ref.: PATTI, 1984 (as *Sarucallis kabawaluokalani*); PATTI *et al.*, 1988; ZAPPAROLI, 1993b
CAMPANIA: *Lagerstroemia indica*, Naples, 15.VI.99
- Tinocallis platani* (Kaltenbach, 1843)
CAMPANIA:
Ref.: ROBERTI, 1993; PATTI & BARBAGALLO, 1998a
- Tinocallis saltans* (Nevsky, 1929)
LATIUM: *Ulmus pumila*, Rome, 24.V.98 (I. Patti leg.)
Ref.: PATTI & BARBAGALLO, 1998a
- Tinocallis takachiboensis* Higuchi, 1972
LATIUM: *Ulmus minor*, Rome, 24.V.98, San Polo dei Cavalieri – RM, 25.V.98 (I. Patti leg.) and Nemi – RM, 11.VI.13
Ref.: PATTI & BARBAGALLO, 1998a
CAMPANIA: *Ulmus minor*, Naples, 24.IV.97
Ref.: PATTI & BARBAGALLO, 1998a
- Eucallipterus tiliae* (Linnaeus, 1758)
LATIUM: *Tilia x vulgaris*, Tolfa – RM, 27.VI.12 and Rieti, 29.VI.12
Ref.: ZAPPAROLI, 1993b; BARBAGALLO *et al.*, 1997
CAMPANIA: *Tilia x vulgaris*, Roccamonfina – CE, loc. Lavatoio, 12.VI.13
Ref.: ROBERTI, 1993
- Takecallis arundicolens* (Clarke, 1903)
CAMPANIA: *Phyllostachys bambusoides*, Naples, 17.V.76
Ref.: ROBERTI, 1993
- Takecallis arundinariae* (Essig, 1917)
LATIUM: *Phyllostachys bambusoides*, Veroli – FR, 12.VI.13
CAMPANIA: *Bambusa* sp., Naples, 17.V.76
- Takecallis taiwana* (Takahashi, 1926)
LATIUM: *Phyllostachys bambusoides*, Tolfa – RM, loc. Rota, 27.VI.12 and Veroli – FR, 12.VI.13
CAMPANIA:
Ref.: ROBERTI, 1993
- Pterocallis alni* (DeGeer, 1773)
LATIUM: *Alnus glutinosa*, Valentano – VT, 28.VI.12 and Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12; vagrant alates, Rieti, Mt. Terminillo, 28.VI.12 and Ariccia – RM, 11.VI.13
CAMPANIA: *Alnus glutinosa*, Contursi Terme, – SA, 23.IX.76
Ref.: ROBERTI, 1993
- Pterocallis ostryae* Börner, 1949
LATIUM: *Ostrya carpinifolia*, Tolfa – RM, 27.VI.12; Vicovaro – RM, 29.VI.12
CAMPANIA: *Ostrya carpinifolia*, Colliano – SA, loc. Collianello, 23.IX.76
- Appendiseta robiniae* (Gillette, 1907)
LATIUM: *Robinia pseudacacia*, Rome (Villa Borghese), 22.VI.78 (L. Micieli De Biase leg.), 24.VI.79 (S.B. leg.), and 18.VI.87 (R. Spampinato leg.); Fiumicino – RM, 27.VI.84; Marta – VT, 28.VI.12
Ref.: MICIELI DE BIASE & CALAMBUCA, 1979b; CROVETTI, 1989; ZAPPAROLI, 1992; BARBAGALLO *et al.*, 1997
CAMPANIA: *Robinia pseudacacia*, Naples, 15.VI.00
Ref.: MICIELI DE BIASE & CALAMBUCA, 1979b; CROVETTI, 1989
- Ctenocallis setosa* (Kaltenbach, 1846)
CAMPANIA: *Cytisus scoparius*, Montella – AV, loc. Piano di Verteglia, 16.VI.93
Ref.: ROBERTI, 1958 and 1993; NARDI & VOMERO, 2007

Therioaphis brachytricha Hille Ris Lambers & van den Bosch, 1964
LATIUM: *Lotus corniculatus*, Rieti, Mt. Terminillo, 28.VI.12

Therioaphis litoralis Hille Ris Lambers & van den Bosch, 1964

LATIUM: *Dorycnium pentaphyllum*, Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12
CAMPANIA: *Dorycnium pentaphyllum*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76

Therioaphis riehmi (Börner, 1949)

LATIUM: *Melilotus albus*, Viterbo, loc. Bagnaia, 28.VI.12
CAMPANIA: *Melilotus albus*, Montella – AV, 16.VI.93 and Solopaca - BN, Calore River, 17.VI.93

Therioaphis trifolii (Monell, 1882)

LATIUM: *Trifolium repens*, Santa Marinella – RM, loc. Santa Severa, 11.VI.13
Ref.: POLLINI, 2013
CAMPANIA: *Medicago sativa*, Campagna – SA, loc. Camaldoli, 23.IX.76; *Trifolium pratense*, San Gregorio Matese – CE, Matese Lake, 18.VI.93
Ref.: PENNACCHIO & TREMBLAY, 1986; TREMBLAY, 1989; ROBERTI, 1993; POLLINI, 2013

Subfamily *Saltusaphidinae*

Subsaltusaphis ornata (Theobald, 1927)

LATIUM: *Carex riparia*, Fondi – LT, Fondi Lake, 13.VI.13

Subsaltusaphis picta (Hille Ris Lambers, 1939)

LATIUM: *Carex riparia*, Fondi – LT, Fondi Lake, 13.VI.13

Subfamily *Drepanosiphinae*

Drepanosiphum dixonii Hille Ris Lambers, 1971

CAMPANIA: *Acer campestre*, Montesano sulla Marcellana – SA, 15.VI.93

Drepanosiphum oregonense Granovsky, 1939

LATIUM: *Acer opalus* ssp. *obtusatum*, Rieti, Mt. Terminillo, 28.VI.12; *A. pseudoplatanus*, Tolfa – RM, 11.VI.13
CAMPANIA: *Acer opalus* ssp. *obtusatum*, Montella – AV, loc. Piano di Verteglia, 16.VI.93; *A. pseudoplatanus*, Novi Velia – SA, 3.VI.95

Drepanosiphum platanoidis (Schrank, 1801)

LATIUM: *Acer pseudoplatanus*, Tolfa – RM, 11.VI.13; Trevi nel Lazio – FR, 12.VI.13
CAMPANIA: *Acer pseudoplatanus*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76; Acerno – SA, Mts. Picentini, 16.VI.93; Naples, 26.V.94
Ref.: ROBERTI, 1993

Drepanaphis acerifoliae (Thomas, 1878)*

CAMPANIA: *Acer saccharinum*, Nola – NA, 12.VI.05

Subfamily *Chaitophorinae*

Periphyllus acericola (Walker, 1848)

LATIUM: *Acer pseudoplatanus*, Allumiere – RM, 27.VI.12; Tolfa – RM, 11.VI.13

CAMPANIA: *Acer pseudoplatanus*, Montella – AV, loc. Piano di Verteglia, 16.VI.93

Periphyllus aceris (Linnaeus, 1761)

CAMPANIA: *Acer opalus* ssp. *obtusatum*, Montella – AV, loc. Piano di Verteglia, 16.VI.93

Periphyllus hirticornis (Walker, 1848)

LATIUM: *Acer campestre*, Rome (Colle Oppio), 1.V.92 (M. Zapparoli leg.); Trevi nel Lazio – FR, 12.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Acer campestre*, Montesano sulla Marcellana – SA, loc. Cerreta, 15.VI.93

Periphyllus lyropictus (Kessler, 1886)

LATIUM:
Ref.: POLLINI, 2013
CAMPANIA: Vagrant alate, Montesano sulla Marcellana – SA, 15.VI.93
Ref.: POLLINI, 2013

Periphyllus obscurus (Mamontova, 1955)*

LATIUM: *Acer campestre*, Rome, 28.V.94 (M. Zapparoli leg.)
Ref.: PATTI & BARBAGALLO, 1998a
CAMPANIA: *Acer campestre*, Cautano – BN, 15.VI.07

Periphyllus rhenanus (Börner, 1940)

LATIUM: *Acer monspessulanum*, Allumiere – RM, 27.VI.12
CAMPANIA: *Acer opalus* ssp. *obtusatum*, Montella – AV, loc. Piano di Verteglia, 16.VI.93; Mercogliano – AV, loc. Montevegine, 17.VI.93;

Periphyllus testudinaceus (Ferne, 1852)

LATIUM: *Acer campestre*, Rome, 28.V.94 (M. Zapparoli leg.); Rieti, Mt. Terminillo, 28.VI.12; *A. pseudoplatanus*, Tolfa – RM, 11.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Acer pseudoplatanus*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76 and Novi Velia – SA, 3.VI.95; *A. opalus* ssp. *obtusatum*, Montella – AV, loc. Piano di Verteglia, 16.VI.93; Mercogliano, loc. Montevegine – AV, 17.VI.93; Tocco Caudio – BN, 15.VI.07
Ref.: ROBERTI, 1993

Periphyllus venetianus Hille Ris Lambers, 1966

LATIUM: *Acer campestre*, Vicovaro – RM, 29.VI.12
CAMPANIA: *Acer campestre*, Montesano sulla Marcellana – SA, loc. Cerreta, 15.VI.93 and Cautano – BN, 15.VI.07

Chaitophorus capreae (Mosley, 1841)

CAMPANIA:
Ref.: ROBERTI, 1993

Chaitophorus leucomelas Koch, 1854

LATIUM: *Populus nigra*, Rome, 4.V.92 and 8.V.94 (M. Zapparoli leg.); Bracciano – RM, 27.VI.12; same host plant, Rieti, 29.VI.12; *P. nigra* ssp. *italica*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12; *P. canadensis*, Marta – VT, 28.VI.12
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA:
Ref.: SILVESTRI, 1939; ROBERTI, 1993; POLLINI, 2013

- Chaitophorus nassonowi* Mordvilko, 1895
CAMPANIA: *Populus nigra*, San Gregorio Matese – CE, 13.VI.07
- Chaitophorus niger* Mordvilko 1929
LATIUM: *Salix alba*, Bracciano – RM, 27.VI.12; same host plant, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
CAMPANIA: *Salix purpurea*, San Gregorio Matese – CE, 13.VI.07
Ref.: ROBERTI, 1993
- Chaitophorus populeti* (Panzer, 1801)
LATIUM: *Populus alba*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
Ref: POLLINI, 2013
CAMPANIA: *Populus alba*, Avellino, 16.V.76; Marzano Appio – CE, 12.VI.13
Ref.: ROBERTI, 1993; POLLINI, 2013
- Chaitophorus populialbae* (Boyer de Fonscolombe, 1841)
LATIUM: *Populus alba*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
CAMPANIA:
Ref.: ROBERTI, 1939a (as *Ch. hickeliana* Mim.)
- Chaitophorus quinque maculatus* Bozhko, 1976
CAMPANIA: *Salix purpurea*, Contursi Terme – SA, 23.IX.76; same host plant, San Gregorio Matese – CE, 13.VI.07
- Chaitophorus salicti* (Schrank, 1801)
CAMPANIA: *Salix apennina*, Pietrastornina – AV, 17.VI.93; *S. cinerea*, San Gregorio Matese, Matese Lake, – CE, 18.VI.93 and 13.VI.07
- Chaitophorus tremulae* Koch, 1854
CAMPANIA: *Populus tremula*, Sanza – SA, Mt. Serritore, 15.VI.93
Ref.: ROBERTI, 1993
- Chaitophorus truncatus* (Hausmann, 1802)
LATIUM: *Salix purpurea*, Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12
- Chaitophorus vitellinae* (Schrank, 1801)
LATIUM: *Salix alba*: Marta – VT, 28.VI.12; Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12; Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
CAMPANIA: *Salix alba*, Pietrastornina – AV, 17.VI.93
Ref.: ROBERTI, 1993
- Sipha glyceriae* (Kaltenbach, 1843)
CAMPANIA:
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Sipha (Rungisia) elegans* Del Guercio, 1905
LATIUM: Poaceae not ident., Cerveteri – RM, 11.VI.13
CAMPANIA:
Ref.: ROBERTI, 1993
- Sipha (Rungisia) maydis* Passerini, 1860
LATIUM: *Hordeum murinum*, Rome (Villa Borghese), 24.IV.96; *Sorghum halepense*, Fiumicino – RM, 27.VI.12; *Cynodon dactylon*, Fondi – LT, Fondi Lake, 13.VI.13
Ref.: ROBERTI, 1993; BARBAGALLO *et al.*, 1997; POLLINI, 2013
- CAMPANIA:
Ref.: TREMBLAY, 1967; ROBERTI, 1993; POLLINI, 2013
- Chaetosiphella stipae* Hille Ris Lambers, 1947
CAMPANIA: *Stipa* gr. *pennata*, Sanza – SA, Mt. Serritore, 15.VI.93
- Subfamily **Lachninae**
- Eulachnus agilis* Kaltenbach, 1843
CAMPANIA:
Ref.: ROBERTI, 1993
- Eulachnus brevipilosus* Börner, 1940
CAMPANIA:
Ref.: ROBERTI, 1993
- Eulachnus rileyi* (Williams, 1911)
LATIUM: *Pinus nigra*, Ronciglione – VT, Mts. Cimini Park, 28.VI.12; Guarcino – FR, Mts. Ernici, 12.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA:
Ref.: ROBERTI, 1993
- Eulachnus tauricus* Bozhko, 1957
LATIUM: *Pinus pinea*, Rome, 12.IV.92 (M. Zapparoli leg.); Sabaudia – LT, Caprolace Lake, 13.VI.13
Ref.: ROBERTI, 1993
CAMPANIA:
Ref.: ROBERTI, 1993
- Eulachnus tuberculostemmatus* (Theobald, 1915)
LATIUM: *Pinus pinea*, Sabaudia – LT, Caprolace Lake, 13.VI.13
- Schizolachnus obscurus* Börner, 1940
LATIUM: *Pinus nigra*, Guarcino – FR, Mts. Ernici, 12.VI.13; Sabaudia – LT, Caprolace Lake, 13.VI.13
Ref.: BINAZZI, 1978 (as *S. pineti* F., partim); ROBERTI, 1993 (as *S. pineti*, partim)
CAMPANIA: *Pinus nigra*, San Gregorio Matese – CE, Matese Lake, 12.VI.07
Ref.: BINAZZI, 1978 (as *S. pineti*, partim); TREMBLAY & MICIELI DE BIASE, 1971 (as *S. pineti* partim) ROBERTI, 1993 (as *S. pineti* partim)
- Cedrobium laportei* Remaudière, 1954
LATIUM:
Ref.: COVASSI, 1971; ZAPPAROLI, 1992; BARBAGALLO *et al.*, 1997
- Cinara acutirostris* Hille Ris Lambers, 1956
LATIUM: *Pinus nigra*, Ronciglione – VT, Mts. Cimini Park, 28.VI.12; *P. pinaster*, Sabaudia – LT, Caprolace Lake, 13.VI.13
- Cinara cedri* Mimeur, 1936
LATIUM: *Cedrus* sp., Rome, 19.I.94 (M. Zapparoli leg.)
Ref.: COVASSI & BINAZZI, 1974; ZAPPAROLI, 1992; BARBAGALLO *et al.*, 1997; CIAMPOLINI & MAIULINI, 1990
CAMPANIA:
Ref.: BINAZZI, 1978
- Cinara confinis* (Koch, 1856)
CAMPANIA: *Abies cephalonica*, San Gregorio Matese – CE, 12.VI.07
Ref.: COVASSI & BINAZZI, 1993

- Cinara maghrebica* Mimeur, 1934
LATIUM: *Pinus nigra*, Guarcino – FR, Mts. Ernici, 12.VI.13
CAMPANIA: *Pinus halepensis*, Contursi Terme – SA, 24.IX.76
Ref.: TREMBLAY & MICIELI DE BIASE, 1971
- Cinara palaestinensis* Hille Ris Lambers, 1949
CAMPANIA: *Pinus halepensis*, Contursi Terme – SA, 24.IX.76
- Cinara pilicornis* (Hartig, 1841)
LATIUM: *Picea abies*, Rieti, loc. Setteponti, 29.VI.12 and Veroli – FR, 12.VI.13
CAMPANIA:
Ref.: BINAZZI, 1978
- Cinara pinimaritimae* (Dufour, 1833)
LATIUM:
Ref.: ROBERTI, 1993 [as *C. maritima* (Duf.)]; BINAZZI, 1978 (as *C. maritima*); BARBAGALLO *et al.*, 1997 (as *C. maritima*)
CAMPANIA:
Ref.: ROBERTI, 1993 (as *C. maritima*)
- Cinara pruinosa* (Hartig, 1841)
LATIUM: *Picea abies*, Rome (Monte Sacro), 12.VI.92 (M. Zapparoli leg.) and Veroli – FR, 12.VI.13
Ref.: BARBAGALLO *et al.*, 1997
- Cinara schimitscheki* Börner, 1940
LATIUM: *Pinus nigra*, Ronciglione – VT, Mts. Cimini, 28.VI.12
CAMPANIA:
Ref.: TREMBLAY & MICIELI DE BIASE, 1971
- Cinara (Cupressobium) cupressi* (Buckton, 1881)
LATIUM: *Cupressus sempervirens*, Rome, -.V.77 (G. Fiori leg.)
Ref.: PATTI, 1977; BINAZZI, 1978; ZAPPAROLI, 1992; BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA:
Ref.: PATTI, 1977; BINAZZI, 1978; POLLINI, 2013
- Cinara (Cupressobium) fresai* Blanchard, 1939
LATIUM: *Juniperus phoenicea*, Rome (Colle Celio), 8.VI.94 (M. Zapparoli leg.); vagrant alate, Latina, 9.IV.12 (G. Nardi leg.); *J. oxycedrus* ssp. *macrocarpa*, Sabaudia – LT, Caprolace Lake, 13.VI.13
Ref.: BARBAGALLO *et al.*, 1997
- Cinara (Cupressobium) juniperi* (De Geer, 1773)
LATIUM: *Juniperus communis*, Guarcino – FR, Mts. Ernici, 12.VI.13 and Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13
Ref.: BINAZZI, 1978
- Cinara (Cupressobium) oxycedri* Binazzi, 1996
LATIUM: *Juniperus oxycedrus* ssp. *macrocarpa*, Sabaudia – LT, Caprolace Lake, 13.VI.13
- Cinara (Cupressobium) tujafilina* (Del Guercio, 1909)
LATIUM: *Thuja occidentalis*, Veroli – FR, 12.VI.13
Ref.: EASTOP, 1972; BINAZZI, 1978; ZAPPAROLI, 1992; ROBERTI, 1993; BARBAGALLO *et al.*, 1997
- Tuberolachnus salignus* (Gmelin, 1790)
LATIUM: *Salix caprea*, Trevi nel Lazio – FR, 12.VI.13
- CAMPANIA: *Salix alba*, Contursi Terme – SA, 23.IX.76; *S. purpurea*, San Gregorio Matese – CE, 13.VI.07;
Ref.: ROBERTI, 1993
- Lachnus iliciphilus* (Del Guercio, 1909)
LATIUM: *Quercus ilex*, Marta – VT, 28.VI.12
- Lachnus roboris* (Linnaeus, 1758)
LATIUM: *Quercus ilex*, Rome, 1.VI.94 (M. Zapparoli leg.)
Ref.: BARBAGALLO *et al.*, 1997; BINAZZI & REMAUDIÈRE, 2010
CAMPANIA: *Quercus pubescens*, Campagna – SA, loc. Camaldoli, 23.IX.76; Marzano Appio – CE, loc. Campagnola, 12.VI.13
Ref.: ROBERTI, 1993
- Pterochloroides persicae* (Cholodkovsky, 1899)
LATIUM:
Ref.: CIAMPOLINI *et al.*, 1997; POLLINI, 2013
CAMPANIA:
Ref.: CIAMPOLINI & MARTELLI, 1978; MICIELI DE BIASE & CALAMBUCA, 1979a; PICCIRILLO & TALAMÈ, 1982; CIAMPOLINI *et al.*, 1997; POLLINI, 2013
- Stomaphis cupressi* (Pintera, 1965)
CAMPANIA:
Ref.: ROBERTI, 1993 [as *S. longirostris* (F.) partim]
- Stomaphis quercus* (Linnaeus, 1758)
LATIUM: *Quercus pubescens*, Bracciano – RM, 27.VI.12
- Protrama radialis* (Kaltenbach, 1843)
CAMPANIA:
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Trama troglodytes* von Heyden, 1837
CAMPANIA:
Ref.: ROBERTI, 1993
- Subfamily **Pterocommatinae**
- Pterocomma pilosum* Buckton, 1879
CAMPANIA:
Ref.: TREMBLAY, 1967; PENNACCHIO, 1990; ROBERTI, 1993
- Pterocomma pilosum* ssp. *konoii* Hori & Takahashi, 1939
CAMPANIA: *Salix apennina*, Pietrastornina – AV, 17.VI.93; *S. caprea*, San Gregorio Matese – CE, 13.VI.07
- Pterocomma populeum* (Kaltenbach, 1843)
LATIUM:
Ref.: Pollini, 2013
CAMPANIA:
Ref.: ROBERTI, 1993; POLLINI, 2013
- Subfamily **Aphidinae**
Tribe **Aphidini**
- Hyalopterus amygdali* (Blanchard, 1840)
LATIUM: *Prunus persica*, Manziana – RM, 18.VII.87; Rome, 15.VII.87 and 22.VI.90; Rome, loc. Lido di Ostia – RM, 21.VI.90 (R. Spampinato leg.); *P. dulcis*, 22.VI.90 (R. Spampinato leg.); *Phragmites australis*, Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12

- Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA:
Ref.: POLLINI, 2013
- Hyalopterus pruni* (Geoffroy, 1762)
LATIUM: *Phragmites australis*, Bracciano – RM, 18.VII.87 (R. Spampinato leg.); *Prunus domestica*, Rome, 22.VI.90 (R. Spampinato leg.); *P. armeniaca*, Rome, 22.VI.90 (R. Spampinato leg.); *P. spinosa*, Cerveteri – RM, 11.VI.13
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA:
Ref.: SILVESTRI, 1939; TREMBLAY, 1967; PENNACCHIO, 1990; POLLINI, 2013
- Rhopalosiphum maidis* (Fitch, 1856)
LATIUM: *Sorghum halepense*, Fiumicino – RM, 27.VI.12
Ref.: ROBERTI, 1993; BARBAGALLO *et al.*, 1997
CAMPANIA: *Sorghum halepense*, Roccamonfina – CE, loc. Lavatoio, 12.VI.13
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Rhopalosiphum nymphaeae* (Linnaeus, 1761)
LATIUM: Vagrant alate, Rome (Botanical Garden), 30.X.98; *Nymphaea alba*, Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12
CAMPANIA:
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Rhopalosiphum padi* (Linnaeus, 1758)
LATIUM: Unident. Graminaceae, Viterbo, 10.III.86 (B. Paparatti leg.); *Hordeum vulgare*, Rome, 12.V.94 (M. Zapparoli leg.)
Ref.: ZAPPAROLI, 1993a; PENNACCHIO, 1990; BARBAGALLO *et al.*, 1997
CAMPANIA: Vagrant alate, Colliano – SA, Mt. Marzano, 23.IX.76; *Avena sterilis*, Roccamonfina – CE, loc. Lavatoio, 12.VI.13
Ref.: SILVESTRI, 1939; PENNACCHIO, 1990; ROBERTI, 1993
- Rhopalosiphum rufiabdominale* (Sasaki, 1899)
LATIUM: *Cucurbita pepo*, Fondi – LT, 28.V.91 (M. Ciampolini leg.)
Ref.: CIAMPOLINI *et al.*, 1993
- Schizaphis graminum* (Rondani, 1852)
CAMPANIA: Vagrant alate, Colliano – SA, Mt. Marzano – SA, 23.IX.76
Ref.: Silvestri, 1939 [as *Rhopalosiphum* (*Schizaphis*) *graminum*]; ROBERTI, 1993
- Melanaphis bambusae* (Fullaway, 1910)
CAMPANIA: *Phyllostachys bambusoides*, Frattamaggiore – NA, 26.II.82 (L. Micieli De Biase leg.)
Ref.: ROBERTI, 1993
- Melanaphis donacis* (Passerini, 1861)
LATIUM: *Arundo donax*, Rome (Pratone delle Valli), 17.VII.94 (M. Zapparoli leg.); Cerveteri – RM, 11.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Arundo donax*, Roccamonfina – CE, loc. Lavatoio, 12.VI.13; Sessa Aurunca – CE, 12.VI.13
- Melanaphis pyrarica* (Passerini, 1861)
LATIUM: *Pyrus communis*, Rome, 15.V.94 (M. Zapparoli leg.); same host plant, Sutri – VT, 27.VI.12, Marta – VT, 28.VI.12
- Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA:
Ref.: SILVESTRI, 1939 [as *Piraphis pirinus* (Ferr.)]; ROBERTI, 1993; POLLINI, 2013
- Toxoptera aurantii* (Boyer de Fonscolombe, 1841)
LATIUM: *Pyrus communis*, Rome, 15.V.94 (M. Zapparoli leg.); *Pittosporum tobira*, Cisterna di Latina – LT, 26.V.12 (G. Nardi leg.); *Ulmus minor*, Fondi – LT, loc. Fondi Lake, 13.VI.13; *Citrus medica*, Cisterna di Latina – LT, 3.VI.14 (G. Nardi leg.)
Ref.: BARBAGALLO & INSERRA, 1974; TREMBLAY *et al.*, 1978 and 1980; BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: *Citrus sinensis*, Naples, 27.V.94; *Ulmus minor*, Sessa Aurunca – CE, 12.VI.13
Ref.: SILVESTRI, 1939; BARBAGALLO & INSERRA, 1974; TREMBLAY *et al.*, 1978 and 1980; ROBERTI, 1993; POLLINI, 2013
- Aphis acanthoidis* (Börner, 1940)*
CAMPANIA: *Carduus nutans*, San Gregorio Matese – CE, 12.VI.07
- Aphis affinis* Del Guercio, 1911
LATIUM: *Mentha suaveolens*, Tolfa – RM, loc. Rota, 27.VI.12; *M. longifolia*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
CAMPANIA:
Ref.: ROBERTI, 1993
- Aphis aliena* Theobald, 1915
LATIUM: *Teucrium siculum*, Tolfa – RM, 11.VI.13
- Aphis arbuti* Ferrari, 1872
CAMPANIA: *Arbutus unedo*, Pozzuoli – NA, 17.V.76
- Aphis armata* Haussmann, 1802
LATIUM: *Digitalis lutea*, Casaprota – RI, loc. Collelungo Sabino, 9.VIII.02 and 13.IX.02 (A. Fanfani leg.); *D. lutea* spp. *australis*, Rieti, Mt. Terminillo, 28.VI.12
CAMPANIA: *Digitalis lutea* ssp. *australis*, Solopaca – BN, 15.VI.07
- Aphis brunellae* Schouteden, 1903
LATIUM: *Prunella vulgaris*, Tolfa – RM, 11.VI.13
- Aphis bupleuri* (Börner, 1932)
CAMPANIA: *Bupleurum praealtum*, San Gregorio Matese – CE, 12.VI.07
- Aphis calaminthae* (Börner, 1952)
CAMPANIA: *Calamintha nepeta*, Contursi Terme – SA, 24.IX.76
- Aphis chloris* Koch, 1854
LATIUM: *Hypericum perforatum*, Bracciano – RM, loc. Bracciano Lake, 27.VI.12-
- Aphis clematidis* Koch, 1854
LATIUM:
Ref.: ROBERTI, 1993
- Aphis clinopodii* Passerini, 1861
CAMPANIA:
Ref.: ROBERTI, 1993

- Aphis comosa* (Börner, 1950)
LATIUM: *Melilotus albus*, Viterbo, loc. Bagnaia, 28.VI.12
CAMPANIA: *Melilotus officinalis*, San Gregorio Matese – CE, 13.VI.07
- Aphis confusa* Walker, 1849
LATIUM: *Scabiosa* gr. *columbaria*, Tolfa – RM, 27.VI.12
CAMPANIA: *Knautia arvensis*, Acerno – SA, Mts. Picentini, 16.VI.93
Ref.: ROBERTI, 1993
- Aphis coronillae* Ferrari, 1872
CAMPANIA: *Trifolium pratense*, San Gregorio Matese – CE, Matese Lake, 18.VI.93
- Aphis craccae* Linnaeus, 1758
LATIUM: *Vicia* sp., San Polo dei Cavalieri – RM, 25.V.98;
V. villosa, Ronciglione – VT, Mts. Cimini, 28.VI.12
CAMPANIA: *Vicia cracca*, Roccamonfina – CE, loc. Lavatoio, 12.VI.13
Ref.: ROBERTI, 1993
- Aphis craccivora* Koch, 1854
LATIUM: *Vicia* sp., San Polo dei Cavalieri – RM, 25.V.98;
Medicago sativa, Tolfa – RM, loc. Rota, 27.VI.12;
vagrant alates, Ronciglione – VT, Mts. Cimini, 28.VI.12 and Rieti, loc. Setteponti, 29.VI.12;
Dorycnium pentaphyllum, Rieti, loc. Setteponti, 29.VI.12
Ref.: Starý, 1966; Zapparoli, 1992; Ciampolini & Maiulini, 1990; Roberti, 1993; Pollini, 2013
CAMPANIA: *Dorycnium pentaphyllum*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76;
Colutea arborescens, Acerno – SA, Mts. Picentini, 16.VI.93; *Dianthus carthusianorum* and *Genista tinctoria*, Montella – AV, loc. Piano di Verteglia, 16.VI.93;
Onobrychis viciifolia and *Anthyllis vulneraria*, Mercogliano – AV, loc. Montevergine, 17.VI.93
Ref.: TREMBLAY, 1967 and 1989; RAGOZZINO & MICIELI DE BIASE, 1977; ROBERTI, 1993; POLLINI, 2013; NARDI & VOMERO, 2007; CARRIERI *et al.*, 2011.
- Aphis crepidis* (Börner, 1940)
CAMPANIA:
Ref.: ROBERTI, 1993
- Aphis cytisorum* Hartig, 1841
LATIUM: *Spartium junceum*, Viterbo, 15.VI.97; Allumiere – RM, 27.VI.12; Trevi nel Lazio – FR, 12.VI.13;
Adenocarpus samniticus, Ronciglione – VT, Mts. Cimini, 28.VI.12
Ref.: ROBERTI, 1993; POLLINI, 2013
CAMPANIA: *Cytisophyllum sessilifolium*, Mercogliano – AV, loc. Montevergine, 17.VI.93; *Spartium junceum*, Somma Vesuviana – NA, 21.V.00, 19.VI.06 (G. Nardi leg.); Sessa Aurunca – CE, 12.VI.13
Ref.: ROBERTI, 1993; POLLINI, 2013; NARDI & VOMERO, 2007
- Aphis cytisorum* ssp. *sarothamni* Franssen, 1928
LATIUM: *Cytisus scoparius*, Manziana – RM, 27.VI.12 and Marta – VT, 28.VI.12
CAMPANIA: *Cytisus scoparius*, Serino – AV and Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Aphis epilobiaria* Theobald, 1927
LATIUM: *Epilobium parviflorum*, Rome, 26.VII.94 (L. Zapparoli leg.)
Ref.: BARBAGALLO *et al.*, 1997
- Aphis euonymi* (Fabricius, 1775)
CAMPANIA:
Ref.: ROBERTI, 1993
- Aphis eupatorii* Passerini, 1863
LATIUM: *Eupatorium cannabinum*, Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12
- Aphis euphorbiae* Kaltenbach, 1843
LATIUM: *Euphorbia cyparissias*, Ronciglione – VT, Mts. Cimini, 28.VI.12
- Aphis fabae* Scopoli, 1763
LATIUM: unidentified host plant, Rome, Lido di Ostia, -.VI.46 and Marino – RM, -.VI.46 (Essig collection);
Rubia sp., Rome, 28.V.94 (M. Zapparoli leg.);
Euonymus europaeus, San Polo dei Cavalieri – RM, 25.V.98; *Tordylium maximum*, Fiumicino – RM, 27.VI.12; *T. apulum*, Guarcino – FR, Mts. Ernici, 12.VI.13; *Prunus laurocerasus*, Ariccia – RM, 11.VI.13;
Valeriana officinalis, Rocca Priora – RM, 11.VI.13;
Ref.: ROBERTI, 1993; BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: *Rumex crispus*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76; *Anthriscus sylvestris*, Sanza – SA, Mt. Serritore, 15.VI.93; *Angelica sylvestris* and *Centaurea deusta*, Montella – AV, loc. Piano di Verteglia, 16.VI.93; *Achillea ligustica*, Mercogliano – AV, loc. Montevergine, 17.VI.93; *Valeriana officinalis*, San Gregorio Matese – CE, Matese Lake, 12.VI.07; *Torilis arvensis*, Cautano – BN, 15.VI.07
Ref.: SILVESTRI, 1939; MELIS, 1957; TREMBLAY, 1967 and 1989; PENNACCHIO, 1990; ROBERTI, 1993; POLLINI, 2013
- Aphis fabae* ssp. *cirsiiacanthoidis* Scopoli, 1763
LATIUM: *Cirsium arvense*, Ronciglione – VT, Mts. Cimini, 28.VI.12; *Cirsium* sp., Rieti, Mt. Terminillo, 28.VI.12
CAMPANIA: *Cirsium* sp., Marzano Appio – CE, loc. Campagnola, 12.VI.13
Ref.: ROBERTI, 1993
- Aphis fabae* ssp. *mordvilkoii* Börner & Janich, 1922
LATIUM: *Arctium lappa*, Trevi nel Lazio – FR, 12.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Arctium lappa*, Montesano sulla Marcellana – SA, 15.VI.93
- Aphis fabae* ssp. *solanella* Theobald, 1914
LATIUM: *Solanum nigrum*, Fiumicino – RM, 27.VI.12
Ref.: ROBERTI, 1993; POLLINI, 2013
CAMPANIA:
Ref.: POLLINI, 2013
- Aphis farinosa* Gmelin, 1790
LATIUM: *Salix alba*, Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12
CAMPANIA: *Salix purpurea*, Montesano sulla Marcellana – SA, 15.VI.93; *S. cinerea*, San Gregorio Matese – CE, Matese Lake, 18.VI.93; *S. caprea*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
Ref.: ROBERTI, 1993
- Aphis frangulae* Kaltenbach, 1845
LATIUM: *Rhamnus alaternus*, Santa Marinella – RM,

- 27.VI.12; Formia – LT, 13.VI.13; *Scutellaria colum-nae*, Ronciglione – VT, Mts. Cimini, 28.VI.12; *Teucrium flavum*, Formia – LT, loc. Castellonorato, 13.VI.13
 CAMPANIA: *Teucrium flavum*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
 Ref.: SILVESTRI, 1939; ROBERTI, 1946 and 1993
- Aphis galiiscabri* Schrank, 1801
 LATIUM: *Galium lucidum*, Guarcino – FR, Mts. Ernici, 12.VI.13
 CAMPANIA: *Galium mollugo*, Serino – AV, 16.VI.93; Montella – AV, loc. Piano di Verteglia, 16.VI.93; *G. mollugo* ssp. *erectum*, San Gregoro Matese – CE and Castello del Matese – CE, 12.VI.07
- Aphis genistae* Scopoli, 1763
 CAMPANIA: *Genista tinctoria*, Montella, – AV, 16.VI.93
- Aphis gentianae* (Börner, 1940)*
 LATIUM: *Gentiana* sp., Casaprota – RI, loc. Collelungo Sabino, 30.VII.02, 7.VIII.02 and 13.IX.02 (A. Fanfani leg.)
- Aphis gossypii* Glover, 1877
 LATIUM: *Hibiscus syriacus*, Tolfa – RM, 11.VI.13; *Myrtus communis*, Fondi – LT, loc. Fondi Lake, 13.VI.13; *Citrus x clementina*, Cisterna di Latina – LT, 18.V.14 (G. Nardi leg.)
 Ref.: SILVESTRI, 1939 (as *A. frangulae* Koch, partim); BARBAGALLO & INSERRA, 1974; TREMBLAY *et al.*, 1978 and 1980; CIAMPOLINI & MAIULINI, 1990; POLLINI, 2013
 CAMPANIA: *Quercus ilex*, Naples, 13.V.76; *Bidens frondosa*, Portici – NA, 20.XI.82 (L. Micieli De Biase leg.); *Erigeron canadensis*, Rome, 14.X.83 (C. Ricci leg.); *Ulmus minor*, Sessa Aurunca, - CE, 12.VI.13;
 Ref.: SILVESTRI, 1939 (as *A. frangulae*, partim); ROBERTI, 1946 (as *A. frangulae*, partim) and 1993; TREMBLAY, 1967; BARBAGALLO & INSERRA, 1974; TREMBLAY *et al.*, 1978 and 1980; POLLINI, 2013
- Aphis gossypii* ssp. *capsellae* Kaltenbach, 1843
 LATIUM: *Capsella bursapastoris*, Rome, 23.IV.95 (M. Zapparoli leg.)
 Ref.: BARBAGALLO *et al.*, 1997 (as *A. frangulae* ssp. *capsellae*)
- Aphis hederæ* Kaltenbach, 1843
 LATIUM: *Hedera helix*, Rome (Villa Borghese), 24.IV.96
 Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
 CAMPANIA: *Hedera helix*, Naples, 10.XI.44 (Essig collection); Roccamonfina – CE, loc. Lavatoio, 12.VI.13
 Ref. ROBERTI, 1993; POLLINI, 2013
- Aphis helianthemii* Ferrari, 1872
 LATIUM:
 Ref.: ROBERTI, 1993
 CAMPANIA: *Helianthemum nummularium* ssp. *grandiflorum*, Serino – AV, 16.V.76; *H. nummularium*, Sanza – SA, Mt. Serritore, 15.VI.93; same host plant, Acerno – SA, Mts. Picentini, 16.VI.93 and Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Aphis hillerislamberti* Nieto Nafria & Mier Durante, 1976
 CAMPANIA: *Euphorbia helioscopia*, Serino – AV, 16.V.76
- Aphis hypochoeridis* (Börner, 1940)
 CAMPANIA: *Hypochoeris radicata*, Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Aphis idaei* van der Goot, 1913
 CAMPANIA: Vagrant alate, Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Aphis intybi* Koch, 1855
 LATIUM: *Cichorium intybus*, Marta – VT, 28.VI.12
 CAMPANIA:
 Ref.: ROBERTI, 1993
- Aphis lamberti* Börner, 1940
 LATIUM: *Daucus carota*, Rome (Acquatraversa), 15.V.94 (M. Zapparoli leg.)
 Ref.: BARBAGALLO *et al.*, 1997
- Aphis lamiorum* (Börner, 1950)
 CAMPANIA: *Lamium purpureum*, Portici – NA, 19.III.99
- Aphis loti* Kaltenbach, 1862
 LATIUM: *Lotus corniculatus*, Rieti, Mt. Terminillo, 28.VI.12 and Tolfa – RM, 11.VI.13
 CAMPANIA: *Lotus corniculatus*, Serino – AV, 16.V.76 and Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Aphis mamonthovae* Davletshina, 1964
 CAMPANIA: *Verbena officinalis*, Serino – AV, 16.V.76 and Montella, loc. Piano di Verteglia – AV, 16.VI.93
- Aphis myrsinitidis* Petrovic & Leclant, 1998
 CAMPANIA: *Euphorbia myrsinites*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76; *E. rigida*, San Gregorio Matese – CE, 13.VI.07
- Aphis nasturtii* Kaltenbach, 1843
 LATIUM: *Paliurus spina-christi*, Rome, 24.V.94 (M. Zapparoli leg.); *Nasturtium officinale*, Fiumicino – RM, 27.VI.12
 Ref.: BARBAGALLO *et al.*, 1997
 CAMPANIA:
 Ref.: ROBERTI, 1993
- Aphis nerii* Boyer de Fonscolombe, 1841
 LATIUM: *Nerium oleander*, Rome, -.VI.46 (Essig collection) and 16.VIII.76 (G. Fiori leg.) and 24.V.98; Fiumicino – RM, loc. Fregene, 27.VI.12; Ronciglione – VT, 28.VI.12
 Ref.: STARÝ, 1966; ZAPPAROLI, 1993b (as *Anuraphis nerii*); BARBAGALLO *et al.*, 1997; POLLINI, 2013
 CAMPANIA:
 Ref.: POLLINI, 2013
- Aphis origani* Passerini, 1860
 LATIUM: *Acinos alpinus*, Rieti, Mt. Terminillo, 28.VI.12, San Polo dei Cavalieri – RM, 29.VI.12; same host plant and *Thymus striatus*, Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13
 CAMPANIA:
 Ref.: ROBERTI, 1993
- Aphis parietariae* Theobald, 1922
 LATIUM: *Parietaria judaica*, Rome (Villa Borghese), 24.IV.96; Formia – LT, 13.VI.13
 Ref.: BARBAGALLO *et al.*, 1997
 CAMPANIA:

- Ref.: TREMBLAY, 1967; PENNACCHIO, 1990; ROBERTI, 1993
- Aphis passeriniana* (Del Guercio, 1900)
LATIUM: *Salvia officinalis*, Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13
CAMPANIA:
Ref.: ROBERTI, 1993
- Aphis pernilleae* Heie, 1986*
LATIUM: *Andryala integrifolia*, Cerveteri – RM, 27.VI.12
- Aphis picridis* (Börner, 1950)
CAMPANIA: *Picris hieracioides*, Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Aphis polygonata* Nevsky, 1929 (= *avicularis* H.R.L.)
LATIUM: *Polygonum aviculare*, Fiumicino – RM, 27.VI.12
- Aphis pomi* DeGeer, 1773
LATIUM: *Crataegus monogyna*, Allumiere – RM, 27.VI.12; *Malus domestica*, Rieti, loc. Setteponti, 29.VI.12
Ref.: STARÝ, 1966; BARBAGALLO *et al.*, 1977; POLLINI, 2013
CAMPANIA: *Malus domestica* and *Crataegus monogyna*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
Ref.: SILVESTRI, 1939; ROBERTI, 1993; POLLINI, 2013
- Aphis praeterita* Walker, 1849
LATIUM: *Epilobium hirsutum*, Rieti, loc. Setteponti, 29.VI.12
- Aphis punicae* Passerini, 1863
LATIUM: *Punica granatum*, Rome (Villa Borghese), 24.IV.96; Allumiere – RM, 27.VI.12
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Punica granatum*, Naples, 27.V.94
Ref.: ROBERTI, 1993
- Aphis ruborum* (Börner, 1932)
LATIUM: *Rubus ulmifolius*, Cerveteri – RM, 27.VI.12 and Marta – VT, 28.VI.12:
Ref.: ROBERTI, 1993; BARBAGALLO *et al.*, 1997
CAMPANIA: *Rubus ulmifolius*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
Ref.: ROBERTI, 1993
- Aphis rumicis* Linnaeus, 1758
LATIUM: *Rumex obtusifolius*, Marano Equo – RM, 25.V.98
CAMPANIA: *Rumex* sp., Naples, 10.V.45 (Essig collection)
Ref.: ROBERTI, 1993
- Aphis salviae* Walker, 1852
LATIUM: *Salvia pratensis*, Allumiere – RM, 27.VI.12
CAMPANIA: *Salvia virgata*, Contursi Terme – SA, 23.IX.76
- Aphis sambuci* Linnaeus, 1758
LATIUM: *Sambucus nigra*, Allumiere – RM, 27.VI.12; same host plant, Vicovaro – RM, 29.VI.12 ; Tofa – RM, 11.VI.13
CAMPANIA:
Ref.: SILVESTRI, 1939; TREMBLAY, 1967; ROBERTI, 1993
- Aphis sedi* Kaltenbach, 1843
LATIUM: *Sedum sexangulare*, Rieti, Mt. Terminillo, 28.VI.12; *S. rupestre*, Formia – LT, loc. Castellonorato, 13.VI.13
CAMPANIA: *Sedum* sp., Sanza – SA, Mt. Serritore, 15.VI.93 and Naples, 26.V.94
Ref.: ROBERTI, 1993
- Aphis serpylli* Koch, 1854
LATIUM: *Thymus* gr. *serpyllum*, Vicovaro – RM, 29.VI.12
CAMPANIA: *Thymus pulegioides*, Serino – AV, 16.V.76; *T. longicaulis*, San Gregorio Matese – CE, 12.VI.07
- Aphis spiraeicola* Patch, 1914
LATIUM: *Spiraea* sp., Rome (Villa Borghese), 26.III.45 (Essig collection); *Sedum sexangulare*, Rieti, 28.VI.12; *Rhynchospermum jasminoides*, Ronciglione – VT, 28.VI.12; *Prunus laurocerasus*, Ariccia – RM, 11.VI.13; *Citrus aurantium*, Gaeta – LT, 13.VI.13; *Citrus x clementina*, Cisterna di Latina – LT, 18.V.14 (G. Nardi leg.)
Ref.: BARBAGALLO & INSERRA, 1974; TREMBLAY *et al.*, 1978 and 1980 (as *A. citricola* v.d.G.); BARBAGALLO *et al.*, 1997
CAMPANIA: *Erica arborea*, Pozzuoli – NA, 17.V.76; *Myrtus communis*, Pozzuoli – NA, 17.V.76; *Bidens frondosa*, Portici – NA, 20.XI.82 (L. Micieli De Biase leg.); *Citrus sinensis*, Naples, 27.V.94; *Centranthus ruber*, Portici – NA, 9.II.95; *Ulmus minor*, Sessa Aurunca, - CE, 12.VI.13;
Ref.: BARBAGALLO & INSERRA, 1974; MICIELI DE BIASE, 1971; RAGOZZINO & MICIELI DE BIASE, 1977 (as *A. citricola* v.d.G.); TREMBLAY *et al.*, 1978 and 1980 (as *A. citricola*); MICIELI DE BIASE & CALAMBUCA, 1980 (as *A. citricola*); PENNACCHIO, 1990
- Aphis spiraeophaga* F.P. Müller, 1961
CAMPANIA: *Spiraea cantoniensis*, Solopaca – BN, 15.VI.07
- Aphis stachydis* Mordvilko, 1929
CAMPANIA: *Stachys sylvatica*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76; *S. recta*, Montella – AV, loc. Piano di Verteglia, 16.VI.93; *Stachys germanica* ssp. *salviifolia*, Novi Velia – SA, 3.VI.95
- Aphis teucrii* (Börner, 1942)
CAMPANIA: *Teucrium chamaedrys*, Serino – AV, 16.V.76 and San Gregorio Matese – CE, 12.VI.07; *Teucrium* sp., Colliano – SA, loc. Collianello, 23.IX.76; *T. montanum*, Solopaca – BN, 15.VI.07
- Aphis thalictri* Koch, 1854
CAMPANIA: *Thalictrum flavum*, Acerno – SA, Mts. Picentini, 16.VI.93
- Aphis umbrellae* (Börner, 1950)
LATIUM: *Malva* sp., Rome (Villa Borghese), 24.IV.96; *M. nicaeensis*, Rome, 6.V.03 (M. Antonelli leg.); *M. sylvestris*, Marta – VT, 28.VI.12; *M. alcea*, Ronciglione – VT, Mts. Cimini, 28.VI.12; *Lavatera cretica*, Ariccia – RM, 11.VI.13
Ref.: BARBAGALLO *et al.*, 1997; ROBERTI, 1993
CAMPANIA: *Malva sylvestris*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
Ref.: SILVESTRI, 1939 (as *Aphis rhamni* B.d.F., sic)

- Aphis urticata* Gmelin, 1790
LATIUM: *Urtica dioica*, Allumiere – RM, 27.VI.12; Trevi nel Lazio – FR, 12.VI.13
CAMPANIA: *Urtica dioica*, Novi Velia – SA, 3.VI.95
Ref.: ROBERTI, 1993
- Aphis vallei* Hille Ris Lambers & Stroyan, 1959
LATIUM: *Euphorbia* sp., Marino – RM, -.VI.46 (Essig collection); *Euphorbia characias*, Formia – LT, loc. Castellonorato, 13.VI.13
CAMPANIA: *Euphorbia characias*, Colliano – SA, loc. Collianello, 23.IX.76
- Aphis verbasci* Schrank, 1801
LATIUM: *Verbascum phlomoides*, Trevi nel Lazio – FR, loc. Ponte delle Tartare, 12.VI.13
Ref.: ROBERTI, 1993
- Aphis viburni* Scopoli, 1763
CAMPANIA:
Ref.: ROBERTI, 1993
- Aphis viticis* Ferrari, 1872
CAMPANIA:
Ref.: TREMBLAY, 1967; ROBERTI, 1993
- Aphis (Toxoptera) vandergooti*, Börner 1939
CAMPANIA: *Achillea ligustica*, Colliano – SA, Mt. Marzano, 23.IX.76
- Brachyunguis tamaricis* (Lichtenstein, 1885)
LATIUM: *Tamarix gallica*, Fiumicino – RM, 27.VI.84
- Subfamily **Aphidinae**
Tribe **Macrosiphini**
- Cryptosiphum artemisiae* Buckton, 1879
LATIUM: *Artemisia vulgaris*, Viterbo, loc. Bagnaia, 28.VI.12 and Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
- Macchiatiella rhamnii* (Boyer de Fonscolombe, 1841)
LATIUM: *Rhamnus alaternus*, Santa Marinella – RM, 27.VI.12 and Allumiere – RM, 27.VI.12
CAMPANIA: *Rhamnus alaternus*, Castello del Matese – CE, 13.VI.07
Ref.: ROBERTI, 1993
- Nearctaphis bakeri* (Cowen, 1895)
LATIUM: *Trifolium pratense*, Fiuggi – FR, 4.VII.83 (S. Longo leg.)
CAMPANIA: *Trifolium pratense*, Sessa Aurunca – CE, 12.VI.13
- Anuraphis cachryos* Barbagallo & Stroyan 1982
CAMPANIA: *Cachrys ferulacea*, Mercogliano – AV, loc. Montevergine, 17.VI.93
- Anuraphis farfarae* (Koch, 1854)
LATIUM:
Ref.: POLLINI, 2013
CAMPANIA:
Ref.: SILVESTRI, 1939; MELIS, 1956; ROBERTI, 1993; POLLINI, 2013
- Anuraphis pyrilareri* Shaposhnikov 1950
CAMPANIA: *Cachrys ferulacea*, Mercogliano – AV, loc. Montevergine, 17.VI.93
- Anuraphis subterranea* (Walker, 1852)
LATIUM: *Heracleum sphondylium*, Marano Equo – RM, 3.VI.99
Ref.: BARBAGALLO & COCUZZA, 2003
CAMPANIA: *Heracleum sphondylium*, San Gregorio Matese, - CE, Matese Lake, 18.VI.93
- Dysaphis apiifolia* (Theobald, 1923)
LATIUM: *Apium graveolens*, Fondi – LT, 28.V.91 (M. Ciampolini leg.); *Foeniculum vulgare*, Cerveteri – RM, 11.VI.13
Ref.: CIAMPOLINI *et al.*, 1993; ROBERTI, 1993; BARBAGALLO *et al.*, 1997
CAMPANIA: *Laserpitium latifolium* and *Cachrys ferulacea*, Mercogliano, loc. Montevergine – AV, 17.VI.93; *Conium maculatum*, Roccamonfina – CE, 12.VI.13; *Foeniculum vulgare*, Sessa Aurunca – CE, 12.VI.13
Ref.: ROBERTI, 1958 [as *Sappaphis inculata* (Walk.)] and 1993
- Dysaphis crataegi* (Kaltenbach, 1843)
CAMPANIA: *Anthriscus sylvestris* and *Chaerophyllum temulum*, San Gregorio Matese – CE, Matese Lake, 18.VI.93
Ref.: ROBERTI, 1993
- Dysaphis crataegi* ssp. *kunzei* (Börner, 1942)
LATIUM: *Pastinaca sativa*, Rocca Priora – RM, 11.VI.13
- Dysaphis cynarae* Theobald, 1915
CAMPANIA:
Ref.: MICIELI DE BIASE & CALAMBUCA, 1978; TREMBLAY, 1995
- Dysaphis devectora* (Walker, 1849)
LATIUM:
Ref.: POLLINI, 2013
CAMPANIA:
Ref.: POLLINI, 2013
- Dysaphis lappae* (Koch, 1854)
LATIUM: *Arctium lappa*, Manziana – RM, 27.VI.12
- Dysaphis tulipae* (Boyer de Fonscolombe, 1841)
LATIUM: *Arum italicum*, Allumiere – RM, 27.VI.12
CAMPANIA:
Ref.: SILVESTRI, 1939 (as *Yezabura tulipae*); ROBERTI, 1993
- Dysaphis (Pomaphis) anisoidis* Barbagallo & Stroyan, 1981
CAMPANIA: *Pimpinella saxifraga*, Mercogliano – AV, loc. Montevergine, 17.VI.93; *P. tragium*, San Gregorio Matese – CE, 12.VI.07
- Dysaphis (Pomaphis) plantaginea* (Passerini, 1860)
LATIUM: *Malus domestica*, Veroli – FR, 12.VI.13
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: *Malus domestica*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
Ref.: SILVESTRI, 1939 [as *Yezabura (Ceruraphis) malifoliae* Fitch]; TREMBLAY, 1967 [as *D. mali* (Ferr.)]; PENNACCHIO, 1990; ROBERTI, 1993; POLLINI, 2013
- Dysaphis (Pomaphis) pyri* (Boyer de Fonscolombe, 1841)
LATIUM: *Pyrus pyraeaster*, Santa Marinella – RM, loc. Santa Severa, 11.VI.13
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013

- CAMPANIA:
Ref.: ROBERTI, 1993; POLLINI, 2013
- Dysaphis (Pomaphis) reaumuri* (Mordvilko, 1928)
LATIUM: *Pyrus spinosa* (= *amygdaliformis*), Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13
- Brachycaudus helichrysi* (Kaltenbach, 1843)
LATIUM: *Prunus spinosa*, Roviano – RM, 22.IV.95 (L. Bullini leg.); *P. persica*, Tivoli – RM, 22.V.95 (L. Bullini leg.) and Ciampino – RM, -.V.97 (M.T. Tabilio leg.); *P. cerasifera* ssp. *pissardi*, Rome (Villa Borghese), 24.IV.96; *P. persica* and *P. spinosa*, Viterbo, loc. Bagnaia, 28.VI.12; *Achillea nobilis*, Rieti, Mt. Terminillo, 28.VI.12;
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: Casual on *Populus* and *Pistacia*, Naples, -45 (Essig collection); *Myosotis* sp., Serino – AV, 16.V.76; *Centaurea deusta*, Montella – AV, loc. Piano di Verteglia, 16.VI.93; *Genista tinctoria*, Montella, – AV, 16.VI.93; *Prunus domestica*, Naples, 27.V.94 and Montano Antilia – SA, 3.VI.95; *Pulicaria dysenterica*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
Ref.: SILVESTRI, 1939; TREMBLAY, 1967; PENNACCHIO, 1990; ROBERTI, 1993; POLLINI, 2013
- Brachycaudus (Nevskyaphis) cardui* (Linnaeus, 1758) (= *lateralis* Walker)²
LATIUM: *Carduus pycnocephalus*, Rome (Appia Antica), 27.IV.66 (Dickson collection, Riverside, CA, USA); *Carduus* sp., Rome (Valle Capparella), 10.IV.92 (M. Zapparoli leg.); *Notobasis syriaca*, Ciampino – RM, 15.V.99; *Cynara scolymus*, Fiumicino – RM, 27.VI.12; *Senecio aquaticus*, Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12; *Galactites tomentosa*, Cerveteri – RM, 11.VI.13
Ref.: BARBAGALLO, 1974; BARBAGALLO *et al.*, 1997
CAMPANIA: *Carduus nutans*, San Gregorio Matese – CE, 12.VI.07
Ref.: SILVESTRI, 1939; BARBAGALLO, 1974; ROBERTI, 1993
- Brachycaudus (Nevskyaphis) linariae* Stroyan, 1950
LATIUM: *Linaria vulgaris*, Velletri – RM, 23.V.99; *L. purpurea*, Viterbo, loc. Bagnaia, 28.VI.12
Ref.: COEUR D'ACIER *et al.*, 2008
- Brachycaudus (Nevskyaphis) lucifugus* F.P. Müller, 1955*
CAMPANIA: *Plantago lanceolata*, San Gregorio Matese – CE, Matese Lake, 12.VI.07
- Brachycaudus (Nevskyaphis) malvae* Shaposhnikov, 1964*
LATIUM: *Malva sylvestris*, Rome, 14.V.99; *M. nicaeensis*, Rome, 6.V.03 (M. Antonelli leg.)
Ref.: COEUR D'ACIER *et al.*, 2008
- Brachycaudus (Nevskyaphis) persicae* (Passerini, 1860) (= *mimeuri* Remaudière)
LATIUM: *Prunus persica*, Ciampino – RM, -.V.97 (M.T. Tabilio leg.)
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: *Odontites luteus*, Colliano – SA, loc. Collianello, 23.IX.76
Ref.: SILVESTRI, 1939 (as *B. persicae-niger* Smith); TREMBLAY, 1967 (as *B. persicae-niger*); ROBERTI, 1993; POLLINI, 2013
- Brachycaudus (Acaudus) lychnidis* (Linnaeus, 1758)
LATIUM: *Silene latifolia* ssp. *alba*, Rome (Villa Borghese), 24.IV.96, San Polo dei Cavalieri – RM, 25.V.98 and Ronciglione – VT, Mts. Cimini, 28.VI.12
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Silene italica*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76; Vagrant alate, Novi Velia – SA, 3.VI.95; *Silene latifolia* ssp. *alba*, San Gregorio Matese – CE, 12.VI.07; Roccamonfina – CE, loc. Lavatoio, 12.VI.13
Ref.: BURGER, 1975; ROBERTI, 1993
- Brachycaudus (Acaudus) populi* (Del Guercio, 1911)
LATIUM: *Silene vulgaris*, Montefiascone – VT, 28.VI.12
- Brachycaudus (Appelia) prunicola* (Kaltenbach, 1843)
LATIUM: *Prunus spinosa*, Marano Equo – RM, 9.V.99 and 3.VI.99; same host plant, Castel Madama – RM, 23.V.99 and Tolfa – RM, 27.VI.12
Ref.: COCUZZA *et al.*, 2007
- Brachycaudus (Appelia) schwartzii* (Börner, 1931)
LATIUM: *Prunus persica*, Ciampino – RM, -.V.97 (M.T. Tabilio leg.) and Tolfa – RM, loc. Rota, 27.VI.12
Ref.: POLLINI, 2013
CAMPANIA: *Prunus persica*, Naples, -.45 (Essig collection)
Ref.: TROTTER & CECCONI, 1907 (as *Aphis persicae* B.d.F.); SILVESTRI, 1939 [as *B. (A.) persicae* B.d.F.]; ROBERTI, 1993; POLLINI, 2013
- Brachycaudus (Appelia) tragopogonis* (Kaltenbach, 1843)
LATIUM: *Tragopogon* sp., Ciampino – RM, 15.V.99; *T. porrifolius*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
CAMPANIA: *Tragopogon porrifolius*, Ariano Irpino – AV, 9.V.04
Ref.: COCUZZA *et al.*, 2007
- Brachycaudus (Thuleaphis) rumexicolens* (Patch, 1917)
LATIUM: *Rumex crispus*, Fiumicino – RM, 27.VI.12; *Rumex* sp., Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12; vagrant alatae, Cerveteri – RM, 11.VI.13; *Rumex crispus*, Tolfa – RM, 11.VI.13
CAMPANIA: *Rumex crispus*, Solopaca - BN, Calore River, 17.VI.93; *Rumex* sp., Telesse Terme – BN, 17.VI.93
- Brachycolus cerastii* (Kaltenbach, 1846)
CAMPANIA:
Ref.: TROTTER, 1905 (as *Aphis cerastii*); TROTTER & CECCONI, 1906 (as *A. cerastii*)
- Hayburstia atriplicis* (Linnaeus, 1761)
LATIUM: *Chenopodium album*, Trevi nel Lazio – FR, 12.VI.13; vagrant alate, Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13
Ref.: PALLAVICINI MISCIATTELLI, 1894; STARÝ, 1966; ROBERTI, 1993
- Brevicoryne brassicae* (Linnaeus, 1758)
LATIUM: *Brassica napus*, Santa Marinella – RM, loc. Santa Severa, 11.VI.13
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: *Raphanus sativus*, Sessa Aurunca – CE, 12.VI.13
Ref.: SILVESTRI, 1939 (as *Brachycolus brassicae*); TREMBLAY, 1967; POLLINI, 2013

² *Brachycaudus* subdivision into subgenera follows COEUR D'ACIER *et al.*, 2008.

- Lipaphis pseudobrassicae* (Davis, 1914)*
LATIUM:
Ref.: POLLINI, 2013
CAMPANIA: *Rorippa sylvestris*, Naples, 24.VI.97
Ref.: POLLINI, 2013
- Semiaphis dauci* (Fabricius, 1775)
LATIUM: *Daucus carota*, Bracciano – RM, Bracciano Lake and Fiumicino – RM, 27.VI.12
CAMPANIA: *Daucus carota*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Hyadaphis foeniculi* (Passerini, 1860)
LATIUM: *Lonicera etrusca*, Vicovaro – RM, 29.VI.12
Ref.: ROBERTI, 1993
CAMPANIA:
Ref.: SILVESTRI, 1939; ROBERTI, 1958 and 1993; TREMBLAY, 1962 and 1967; PENNACCHIO, 1990
- Hyadaphis passerinii* (Del Guercio, 1921)
LATIUM: *Conium maculatum*, Rieti, loc. Setteponti, 29.VI.12; *Lonicera implexa* Guarcino – FR, Mts. Ernici, 12.VI.13
- Staegeriella necopinata* (Börner, 1939)
CAMPANIA: *Galium mollugo*, Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Aphidura delmasi* Remaudière & Leclant, 1965
CAMPANIA: *Silene italica*, Bagnoli Irpino – AV, Piano Laceno (Mt. Cervialto), 25.IX.76
Ref.: BARBAGALLO & STROYAN, 1982
- Aphidura pujoli* (Gomez-Menor, 1950)
CAMPANIA:
Ref.: ROBERTI, 1958 (as *Lipaphis pujoli*) and 1993
- Coloradoa achilleae* Hille Ris Lambers 1939
CAMPANIA: *Achillea millefolium*, San Gregorio Matese – CE, Matese Lake, 18.VI.93
- Coloradoa angelicae* (Del Guercio, 1911) [= *absinthiella* (Oss.)]
CAMPANIA: *Artemisia arborescens*, Naples (Parco delle Rimembranze), 13.V.75
- Coloradoa bournieri* Remaudière & Leclant, 1969
CAMPANIA: *Santolina marchii* (cult.), Portici – NA, 27.V.87
- Coloradoa palmerae* Börner, 1952
LATIUM: *Artemisia alba*, Petrella Salto – RI, Salto Lake, 29.VI.12
- Coloradoa rufomaculata* (Wilson, 1908)
CAMPANIA:
Ref.: ROBERTI, 1993
- Longicaudus trirhodus* (Walker, 1849)
LATIUM: *Rosa canina*, Guarcino – FR, Mts. Ernici, 12.VI.13
CAMPANIA: *Thalictrum flavum*, Acerno – SA, Mts. Picentini, 16.VI.93
Ref.: ROBERTI, 1993
- Myzaphis bucktoni* Jacob, 1946
CAMPANIA:
Ref.: ROBERTI, 1993
- Myzaphis rosarum* (Kaltenbach, 1843)
LATIUM: *Rosa canina*, Guarcino – FR, Mts. Ernici, 12.VI.13
CAMPANIA: Vagrant alate, Sanza – SA, Mt. Serritore, 15.VI.93
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Chaetosiphon chaetosiphon* Nevsky, 1928
CAMPANIA: Vagrant alate, Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Chaetosiphon (Pentatrachopus) fragaefolii* (Cockerell, 1901)
LATIUM:
Ref.: POLLINI, 2013
CAMPANIA:
Ref.: SILVESTRI, 1939 [as *Pentatrachopus potentillae* (Walk.)]; ROBERTI, 1993; POLLINI, 2013
- Chaetosiphon (Pentatrachopus) tetraerhodum* (Walker, 1849)
CAMPANIA:
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Cavariella aegopodii* (Scopoli, 1763)
LATIUM: *Daucus carota*, Rome (Acquatraversa), 15.V.95 (M. Zapparoli leg.)
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: *Ferulago campestris*, Naples (Parco delle Rimembranze), 13.V.75; *Angelica sylvestris*, Montella, – AV, loc. Piano di Verteglia, 16.VI.93; unident. Apiaceae, Mercogliano – AV, 17.VI.93; *Salix purpurea*, San Gregorio Matese, – CE, 13.VI.07
Ref.: SILVESTRI, 1939; ROBERTI, 1993; POLLINI, 2013
- Cavariella archangelicae* (Scopoli, 1763)
CAMPANIA: *Heracleum sphondylium*, Roccamonfina – CE, 12.VI.13
- Cavariella theobaldi* (Gillette & Bragg, 1918)
LATIUM: *Heracleum sphondylium*, Rome (Villa Borghese), 24.IV.96; *Pastinaca sativa*, Rocca Priora – RM, 11.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Pastinaca sativa*, Montesano sulla Marcellana – SA, 15.VI.93; *Heracleum sphondylium*, San Gregorio Matese – CE, Matese Lake, 12.VI.07
Ref.: TREMBLAY, 1975 [as *C. umbellatarum* (Koch)]
- Ovatus crataegarius* (Walker, 1850)
CAMPANIA: *Crataegus laevigata*, Sanza – SA, Mt. Serritore, 15.VI.93 and San Gregorio Matese – CE, Matese Lake, 18.VI.93; *Mentha* sp., Montesano sulla Marcellana – SA, 15.VI.93; *Mentha* gr. *aquatica*, Roccamonfina – CE, 12.VI.13
- Ovatus insitus* (Walker, 1849)
CAMPANIA:
Ref.: ROBERTI, 1958 and 1993
- Ovatus (Ovatooides) inulae* (Walker, 1849)
LATIUM: *Pulicaria dysenterica*, Cerveteri – RM, 11.VI.13
CAMPANIA: *Pulicaria dysenterica*, Campagna – SA, loc. Camaldoli, 23.IX.76
- Phorodon humuli* (Schrank, 1801)
LATIUM: *Prunus domestica*, Tivoli – RM, 22.IV.95 (L.

- Bullini leg.); *P. spinosa*, Roviano – RM, 22.IV.95 and Rome, 2.V.95 (L. Bullini leg.); San Polo dei Cavalieri – RM, 25.V.98
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA:
Ref.: SILVESTRI, 1939 [as *Pb. pruni* (Scop.)]
- Phorodon (Paraphorodon) cannabis* Passerini, 1860
CAMPANIA:
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Rhopalomyzus (Judenkoa) loniceræ* (Siebold, 1839)
CAMPANIA:
Ref.: TROTTER, 1906 [as *Syphocoryne* (sic) *loniceræ* Sieb.]
- Neotoxoptera violæ* (Pergande, 1900)
CAMPANIA:
Ref.: SILVESTRI, 1939 (as *Micromyzus violæ*); ROBERTI, 1993
- Myzus cerasi* (Fabricius, 1775)
LATIUM: *Prunus avium*, Cisterna di Latina – LT, 25.V.12 and Tolfa – RM, 11.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Prunus avium* and *Galium* sp., Colliano – SA, loc. Collianello, 23.IX.76; *P. avium*, Montano Antilia – SA, 3.VI.95; Marzano Appio – CE, loc. Campagnola, 12.VI.13
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Myzus lythri* (Schrank, 1801)
LATIUM: *Lytbrum salicaria*, Fiumicino – RM, 27.VI.12; same host plant and *Veronica anagallis-aquatica*, Bracciano – RM, Bracciano Lake, 27.VI.12
- Myzus ornatus* Laing, 1932
CAMPANIA: *Mentha* gr. *aquatica*, Roccamonfina – CE, 12.VI.13
Ref.: ROBERTI, 1993
- Myzus varians* Davidson, 1912
LATIUM: *Clematis vitalba*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
CAMPANIA: *Clematis vitalba*, Contursi Terme – SA, 23.IX.76; *Prunus persica*, Montano Antilia – SA, 3.VI.95
Ref.: BARBAGALLO & STROYAN, 1982
- Myzus (Galiobium) langei* (Börner, 1933)
CAMPANIA: *Galium mollugo*, Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Myzus (Nectarosiphon) ligustri* (Mosley, 1841)
CAMPANIA: *Ligustrum vulgare*, Campolattaro – BN, 13.IX.81
- Myzus (Nectarosiphon) persicae* (Sulzer, 1776)
LATIUM: *Capsella bursa-pastoris*, Rome, 23.IV.95 (M. Zapparoli leg.); *Prunus persica*, Ciampino – RM, -V.97 (M.T. Tabilio leg.); *Malva nicaensis*, Rome, 6.V.03 (M. Antonelli leg.); *Ranunculus x asiaticus* (cult.), Pontinia – LT, -6.07 (M. Costanzi leg.); vagrant alate, Rieti, loc. Setteponti, Ripa Sottile Lake, 29.VI.12
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: *Angelica sylvestris* and *Dianthus carthusianorum*, Montella – AV, loc. Piano di Verteglia, 16.VI.93; *Rhinanthus* sp., San Gregorio Matese – CE, Matese Lake, 18.VI.93
Ref.: SILVESTRI, 1939 (as *Myzodes persicae*); TREMBLAY, 1967 (as *M. persicae*) and 1973b; MICIeli DE BIASE, 1983; PENNACCHIO, 1990; TREMBLAY, 1995; POLLINI, 2013
- Myzus (Sciamyzus) ascalonicus* Doncaster, 1946
LATIUM: *Anchusa azurea*, Rieti, Mt. Terminillo, 28.VI.12
CAMPANIA: *Cerastium sylvaticum*, Serino – AV, 16.V.76; *Myosotis* sp., Serino – AV, 16.V.76; unident. host plant, Colliano – SA, loc. Collianello, 23.IX.76; *C. tomentosum* and *Potentilla* sp., Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76
- Pentalonia nigronervosa* Coquerel, 1859*
CAMPANIA:
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Idiopterus nephrolepidis* Davis, 1909
CAMPANIA:
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Tubaphis ranunculina* (Walker, 1852)
CAMPANIA: *Ranunculus* sp., Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76
- Cryptomyzus galeopsidis* (Kaltenbach, 1843)
CAMPANIA: *Galeopsis angustifolia*, Campolattaro – BN, 13.IX.81
- Cryptomyzus korschelti* Börner, 1938
CAMPANIA: *Stachys sylvatica*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76 and Montesano sulla Marcellana – SA, 15.VI.93; *S. germanica* ssp. *salviifolia*, Novi Velia – SA, 3.VI.95
- Capitophorus carduinus* (Walker, 1850)
CAMPANIA: *Cirsium vulgare*, Montesano sulla Marcellana – SA, 15.VI.93
Ref.: ROBERTI, 1993
- Capitophorus elaeagni* (Del Guercio, 1894)
LATIUM: *Cynara scolymus*, Fiumicino – RM, 27.VI.12; *Silybium marianum*, Cerveteri – RM, 11.VI.13
CAMPANIA:
Ref.: ROBERTI, 1958 and 1993
- Capitophorus hippophaes* (Walker, 1852)
CAMPANIA: *Persicaria maculosa*, Contursi Terme – SA, 23.IX.76
Ref.: ROBERTI, 1958 and 1993
- Capitophorus inulae* (Passerini, 1860)
LATIUM: *Dittrichia viscosa*, Cerveteri – RM, 27.VI.12
CAMPANIA: *Dittrichia viscosa*, Sessa Aurunca – CE, 12.VI.13
Ref.: ROBERTI, 1958 and 1993; TREMBLAY, 1962 and 1967; PENNACCHIO, 1990
- Capitophorus similis* van der Goot, 1915
LATIUM: *Tussilago farfara*, Viterbo, loc. Bagnaia, 28.VI.12
- Pleotrichophorus glandulosus* (Kaltenbach, 1846)
LATIUM: *Artemisia vulgaris*, Viterbo, loc. Bagnaia, 28.VI.12
CAMPANIA: *Artemisia vulgaris*, Marzano Appio – CE, loc. Campagnola, 12.VI.13

- Pleotrichophorus persimilis* Börner, 1950
CAMPANIA: *Artemisia campestris* ssp. *variabilis*, Telese Terme – BN, 17.VI.93
- Nasonovia compositellae* ssp. *nigra* (Hille Ris Lambers, 1931)
LATTIUM: *Hieracium* gr. *murorum*, Tolfa – RM, 11.VI.13
CAMPANIA: *Hieracium* sp., Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76; *H. ? lachenalii*, San Gregorio Matese – CE, 12.VI.07; *H. piloselloides*, Solopaca – BN, 15.VI.07
- Nasonovia ribisnigri* (Mosley, 1841)
LATTIUM: *Lapsana communis*, Santa Marinella – RM, 27.VI.12; *Hieracium cymosum*, Rieti, Mt. Terminillo, 28.VI.12; *Hieracium pilosella*, Tolfa – RM, 11.VI.13
CAMPANIA: *Lapsana communis*, Sorrento – NA, 14.V.76; Colliano – SA, loc. Collianello, 23.IX.76; San Gregorio Matese – CE, 12.VI.07; Acerno – SA, Mts. Picentini, 16.VI.93; *Hieracium* sp., Serino – AV, 16.V.76; *Hieracium ? lachenalii*, San Gregorio Matese – CE, Matese Lake; 18.VI.93; Sanza – SA, Mt. Serritore, 15.VI.93; *Leontodon crispus*, Colliano – SA, Mt. Marzano, 23.IX.76; *Aetheorrhiza* (= *Crepis*) *bulbosa*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76; *Crepis* sp., Mercogliano – AV, loc. Montevergine, 17.VI.93; *Crepis neglecta*, San Gregorio Matese, – CE, 13.VI.07;
Ref.: MICIELI DE BIASE & RAGOZZINO, 1977; MICIELI DE BIASE, 1983; TREMBLAY, 1995
- Hyalopteroides humilis* (Walker, 1852)
CAMPANIA: *Dactylis glomerata*, Acerno – SA, Mts. Picentini, 16.VI.93
- Hyperomyzus lactucae* (Linnaeus, 1758)
LATTIUM: *Lactuca serriola*, Fiumicino – RM, 27.VI.12; *Sonchus oleraceus*, Cerveteri – RM, 27.VI.12
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA:
Ref.: MICIELI DE BIASE, 1983; ROBERTI, 1993
- Hyperomyzus lampsanae* (Börner, 1932)
LATTIUM: *Lapsana communis*, Santa Marinella – RM, 27.VI.12
CAMPANIA: *Lapsana communis*, Sorrento – NA, 14.V.76
- Hyperomyzus pallidus* Hille Ris Lambers, 1935
CAMPANIA:
Ref.: ROBERTI, 1993
- Hyperomyzus (Neonasonovia) picridis* (Börner & Blunck, 1916)
LATTIUM: *Helminthotheca* (= *Picris*) *echioides*, Fiumicino – RM, 27.VI.12; *Picris hieracioides*, Cerveteri – RM, 11.VI.13 and Rocca Priora – RM, 11.VI.13
CAMPANIA: *Hieracium* sp., Sanza – SA, Mt. Serritore, 15.VI.93; Vagrant alate, Montella – AV, loc. Piano di Verteglia, 16.VI.93; *Picris hieracioides*, Marzano Appio – CE, loc. Campagnola, 12.VI.13-
- Rhopalosiphoninus latysiphon* Davidson, 1912
LATTIUM: *Cucurbita pepo*, Fondi – LT, 28.V.91 (M. Ciampolini leg.)
Ref.: CIAMPOLINI *et al.*, 1993
CAMPANIA:
Ref.: ROBERTI, 1993
- Rhopalosiphoninus (Myzosiphon) staphyleae* ssp. *tulipaelus* Theobald, 1916*
CAMPANIA:
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Eucarazzia elegans* (Ferrari, 1872)
LATTIUM: Vagrant alate, Cerveteri – RM, 27.VI.12; *Melissa officinalis*, Cerveteri – RM, 11.VI.13
CAMPANIA:
Ref.: ROBERTI, 1993
- Aulacorthum solani* (Kaltenbach, 1843)
LATTIUM: *Anchusa azurea*, Rieti, Mt. Terminillo, 28.VI.12
Ref.: ROBERTI, 1993
CAMPANIA: *Myosotis* sp., Serino – AV, 16.V.76; *Hieracium* sp., *Stachys sylvatica* and *Galeopsis ladanum*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76; *Stachys recta*, Montella – AV, loc. Piano di Verteglia, 16.VI.93; *H. ? lachenalii*, San Gregorio Matese, Matese Lake – CE, 12.VI.07
- Aulacorthum (Neomyzus) circumflexum* (Buckton, 1876)
CAMPANIA:
Ref.: ROBERTI, 1993
- Microlophium carnosum* (Buckton, 1876)
LATTIUM: *Urtica dioica*, Allumiere – RM, 27.VI.12
CAMPANIA: *Urtica dioica*, Colliano – SA, Mt. Marzano, 23.IX.76, Novi Velia – SA, 3.VI.95 and Roccamonfina – CE, 12.VI.13
Ref.: TREMBLAY, 1962 and 1967 [as *M. evansi* (Theob.)]; PENNACCHIO & TREMBLAY, 1987; PENNACCHIO, 1990
- Acyrtosiphon caraganae* (Cholodkovsky, 1907)
LATTIUM: *Emerus majus*, Nemi – RM, 11.VI.13
CAMPANIA: *Colutea arborescens*, Sessa Aurunca – CE, 12.VI.13
- Acyrtosiphon cyparissiae* (Koch, 1855)
LATTIUM: *Euphorbia cyparissias*, Ronciglione – VT, Mts. Cimini, 28.VI.12
- Acyrtosiphon lactucae* (Passerini, 1860)*
LATTIUM: *Lactuca serriola*, Fiumicino – RM, 27.VI.12
CAMPANIA: *Lactuca serriola*, Roccamonfina – CE, loc. Lavatoio, 12.VI.13
- Acyrtosiphon loti* (Theobald, 1913)
LATTIUM: *Lotus corniculatus*, Rieti, Mt. Terminillo, 28.VI.12
CAMPANIA: *Lotus* sp., Montella – AV, Piano di Verteglia, 16.VI.93; *L. corniculatus*, Mercogliano – AV, 17.VI.93 and San Gregorio Matese, Matese Lake – CE, 18.VI.93
- Acyrtosiphon malvae* (Mosley, 1841)
LATTIUM: *Geranium sanguineum*, Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13
- Acyrtosiphon malvae* ssp. *sanguisorbae* Seccombe, 1987
CAMPANIA: *Sanguisorba minor*, Serino – AV, 16.V.76-
- Acyrtosiphon nigripes* (Hille Ris Lambers, 1935)*
CAMPANIA: Vagrant alate, Acerno – SA, Mt. Picentini, 16.VI.93
- Acyrtosiphon parvum* (Börner, 1950)
CAMPANIA: *Cytisophyllum sessilifolium*, Sanza – SA, Mt.

- Serritore, 15.VI.93 and Mercogliano – AV, loc. Montevergine, 17.VI.93
- Acyrtosiphon pisum* (Harris, 1776)
LATIUM: *Medicago sativa*, Tolfa – RM, loc. Rota, 27.VI.12; *Cytisus scoparius*, Marta – VT and Viterbo, loc. Bagnaia, 28.VI.12; *Adenocarpus samniticus*, *Trifolium* sp. and *Vicia villosa*, Ronciglione – VT, Mts. Cimini, 28.VI.12; *Lotus corniculatus*, Tolfa – RM, 11.VI.13
Ref.: MELIS, 1951 (as *A. onobrychis* B.d.F.); BARBAGALLO *et al.*, 1997
CAMPANIA: *Medicago sativa*, Campagna – SA, loc. Camaldoli, 23.IX.76; *Cytisus scoparius*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76; Montella – AV, loc. Piano di Verteglia, 16.VI.93; *Genista tinctoria*, Montella – AV, 16.VI.93; *Onobrychis vicifolia*, Mercogliano – AV, 17.VI.93; *Trifolium pratense* and *Medicago* sp., San Gregorio Matese – CE, Matese Lake, 18.VI.93
Ref.: SILVESTRI, 1939 (as *A. onobrychis* B.d.F.); TREMBLAY, 1962 and 1967; PENNACCHIO & TREMBLAY, 1986; EASTOP, 1971; TREMBLAY & PENNACCHIO, 1985; PENNACCHIO, 1990
- Linosiphon galiophagum* (Wimshurst, 1923)
CAMPANIA: *Galium mollugo*, Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Metopolophium dirhodum* (Walker, 1849)
LATIUM: *Avena sterilis*, Rome, 24.V.98
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Bromus* sp., Novi Velia – SA, 3.VI.95
Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Metopolophium festucae* (Theobald, 1917)
CAMPANIA: *Festuca* sp., Novi Velia – SA, loc. Vallo della Lucania, 3.VI.95
- Metopolophium festucae* ssp. *cerealium* Stroyan, 1982
LATIUM: Unident. Graminaceae, Fiumicino – RM, 27.VI.12 and Cerveteri – RM, 11.VI.13
- Rhodobium porosum* (Sanderson, 1900)
LATIUM: *Rosa* sp. (cult.), Cisterna di Latina – LT, 7.IV.12 and 18.V.14 (G. Nardi leg.)
- Corylobium avellanae* (Schrank, 1801)
LATIUM: *Corylus avellana*, Petrella Salto – RI, loc. Borgo San Pietro, 29.VI.12
Ref.: PENNACCHIO, 1990
CAMPANIA: Vagrant alate, Mercogliano – AV, 17.VI.93; *Corylus avellana*, Roccamonfina – CE, loc. Lavatoio, 12.VI.13
Ref.: SILVESTRI, 1939; RUSSO, 1967; VIGGIANI, 1970, 1972 and 1982; ROBERTI, 1993
- Sitobion avenae* (Fabricius, 1775)
LATIUM: *Avena sterilis*, Rome, 24.V.98; vagrant alate, Cerveteri – RM, 11.VI.13; *Festuca* gr. *rubra*, Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: Unident. Graminaceae; Acerno – SA, Mts. Picentini and Montella – AV, 16.VI.93
Ref.: SILVESTRI, 1939; TREMBLAY, 1967; PENNACCHIO, 1990
- Sitobion fragariae* (Walker, 1848)
LATIUM: *Avena sterilis*, Tolfa – RM, 11.VI.13; *Hordeum murinum*, Cerveteri – RM, 11.VI.13; *Rubus ulmifolius*, Tolfa – RM, 11.VI.13; unident. Graminaceae, Rieti, Mt. Terminillo, 28.VI.12 and Aprilia – LT, 11.VI.13; *Bromus sterilis* and *Dactylis glomerata*, Guarcino – FR, Mts. Ernici, 12.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: *Holcus lanatus*, Montesano sulla Marcellana – SA, 15.VI.93; *Rubus ulmifolius*, Sanza – SA, Mt. Serritore, 15.VI.93; unident. Graminaceae, Montella – AV, loc. Piano di Verteglia, 16.VI.93, Mercogliano – AV, 17.VI.93 and San Gregorio Matese, Matese Lake – CE, 12.VI.07; *Bromus* sp., Novi Velia – SA, 3.VI.95
Ref.: SILVESTRI, 1939 (as *S. avenae*, partim); PENNACCHIO, 1990; POLLINI, 2013
- Macrosiphum cerinthiacum* (Börner, 1950)
LATIUM: *Cerithe major*, Tolfa – RM, 11.VI.13
CAMPANIA: *Cerithe minor* ssp. *auriculata*, Sanza – SA, Mt. Serritore, 15.VI.93
- Macrosiphum euphorbiae* (Thomas, 1878)
LATIUM: *Heracleum sphondylium*, Rome (Piazza Talenti), 25.V.94 (M. Zapparoli leg.); *Rosa* sp. (cult.), Cisterna di Latina – LT, 7.IV.12 (G. Nardi leg.); *Sonchus oleraceus*, Cerveteri – RM, 27.VI.12
Ref.: MELIS, 1956; CIAMPOLINI & MAIULINI, 1990; BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: *Rorippa sylvestris*, Naples, 24.VI.97
Ref.: SILVESTRI, 1939 [as *M. solanifolii* (Ash.)]; MICIELI DE BIASE & CALAMBUCA, 1980; MICIELI DE BIASE, 1983; PENNACCHIO, 1990; POLLINI, 2013
- Macrosiphum funestum* (Macchiati, 1885)
CAMPANIA: *Rubus ulmifolius*, Sanza – SA, Mt. Serritore, 15.VI.93; vagrant alate, Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Macrosiphum hellebori* Theobald & Walton 1923
LATIUM: *Helleborus foetidus*, Trevi nel Lazio – FR, 12.VI.13
CAMPANIA: *Helleborus foetidus*, Acerno – SA, Mts. Picentini, 16.VI.93; *H. bocconeii*, San Gregorio Matese – CE, 12.VI.07
- Macrosiphum laseri* Holman, 1962*
CAMPANIA: *Laserpitium latifolium*, Mercogliano – AV, loc. Montevergine, 17.VI.93
- Macrosiphum rosae* (Linnaeus, 1758)*
LATIUM: *Rubus ulmifolius*, Rome (Acquatraversa), 15.V.94 (M. Zapparoli leg.); *Rosa* sp., San Polo dei Cavalieri – RM, 25.V.98; *Rosa* sp. (cult.) Cisterna di Latina – LT, 7.IV.12 and 26.V.12 (G. Nardi leg.); *Scabiosa columbaria*, Rieti, Mt. Terminillo, 28.VI.12; Guarcino – FR, Mts. Ernici, 12.VI.13; *S. maritima*, Sabaudia – LT, Sabaudia Lake, 13.VI.13; *Rosa canina*, Guarcino – FR, Mts. Ernici, 12.VI.13
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: Vagrant alate, Montella – AV, loc. Piano di Verteglia, 16.VI.93; *Rosa* sp., Novi Velia – SA, 3.VI.95
Ref.: SILVESTRI, 1939; TREMBLAY, 1967; JACCARINO & TREMBLAY, 1973; PENNACCHIO, 1990; POLLINI, 2013
- Macrosiphum stellariae* Theobald 1913
CAMPANIA: *Silene vulgaris*, San Gregorio Matese – CE, 14.VI.07 (P. Suma leg.)

- Titanosiphon artemisiae* (Koch, 1855)
CAMPANIA: *Artemisia campestris* ssp. *variabilis*, Portici – NA, 21.X.85 (L. Micieli De Biase leg.)
Ref. ROBERTI 1958 and 1993; TREMBLAY, 1973a
- Uroleucon chondrillae* (Nevsky, 1929)
LATIUM: *Chondrilla juncea*, Rieti, loc. Setteponti, 29.VI.12
CAMPANIA: *Chondrilla juncea*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
- Uroleucon cichorii* (Koch, 1855)
LATIUM: *Cichorium intybus*, Cerveteri – RM, 27.VI.12, Marta – VT, 28.VI.12; Rieti, 29.VI.12; Marzano Appio – CE, loc. Campagnola, 12.VI.13; *Lapsana communis*, Santa Marinella – RM, 27.VI.12
Ref.: POLLINI, 2013
CAMPANIA: *Lapsana communis*, Sanza, Mt. Serritore – SA, 15.VI.93;
Ref.: POLLINI, 2013
- Uroleucon grossum* (Hille Ris Lambers, 1939)
LATIUM: *Crepis foetida*, Tolfa – RM, 11.VI.13
CAMPANIA: *Crepis* sp., Mercogliano, loc. Montevergine – AV, 17.VI.93; *C. neglecta*, San Gregorio Matese – CE, 13.VI.07
- Uroleucon hypochoeridis* (Fabricius, 1779)
LATIUM: *Hypochoeris radicata*, Fiumicino, loc. Fregene – RM, 27.VI.12; *H. achyrophorus*, Tolfa – RM, 11.VI.13
CAMPANIA: *Reichardia picroides*, Contursi Terme – SA, 23.IX.76; *Hypochoeris radicata*, Portici – NA, 21.X.85 (L. Micieli de Biase leg.)
- Uroleucon murale* (Buckton, 1876)
LATIUM: *Lactuca muralis*, Ronciglione – VT, Mts. Cimini, 28.VI.12
CAMPANIA: *Lactuca muralis*, Bagnoli Irpino – AV, loc. Piano Laceno (Mt. Cervialto), 25.IX.76
- Uroleucon obscurum* (Koch, 1855)
LATIUM: *Hieracium piloselloides*, Tolfa – RM, 11.VI.13
- Uroleucon picridis* (Fabricius, 1775)
LATIUM: *Helminthotheca* (= *Picris*) *echioides*, Fiumicino – RM, 27.VI.12; *Picris hieracioides*, Rieti, Mt. Terminillo, 28.VI.12
CAMPANIA: *Picris hieracioides*, Contursi Terme – SA, 23.V.76; Marzano Appio – CE, loc. Campagnola, 12.VI.13
- Uroleucon pilosellae* (Börner, 1933)*
LATIUM: *Hieracium pilosella* and *H. racemosum*, Tolfa – RM, 11.VI.13
CAMPANIA: *Hieracium* sp., Sanza – SA, Mt. Serritore, 15.VI.93
- Uroleucon pseudobscurum* (Hille Ris Lambers, 1967)
CAMPANIA: *Hieracium* sp., Sanza – SA, Mt. Serritore, 15.VI.93
- Uroleucon sonchi* (Linnaeus, 1767)
LATIUM: *Sonchus oleraceus*, Rome (Botanical Garden), 30.X.98
Ref.: BARBAGALLO *et al.*, 1997; POLLINI, 2013
CAMPANIA: *Reichardia picroides* and *Picris hieracioides*, Contursi Terme – SA, 23.IX.76; *Sonchus oleraceus*, Naples, 27.V.94
- Ref.: SILVESTRI, 1939 (as *Dactynotus sonchi*); TREMBLAY, 1962 (as *D. sonchi*); MICIELI DE BIASE, 1983 (as *D. sonchi*); PENNACCHIO, 1990; POLLINI, 2013
- Uroleucon (Belochilum) inulae* (Ferrari, 1872)
LATIUM: *Dittrichia viscosa*, Cerveteri – RM, 27.VI.12; *Pulicaria dysenterica*, Cerveteri – RM, 11.VI.13
CAMPANIA: *Dittrichia viscosa*, Sessa Aurunca – CE, 12.VI.13
- Uroleucon (Uromelan) aeneum* (Hille Ris Lambers, 1939)
LATIUM: *Cirsium* sp., Rome (Botanical Garden), 30.X.98; *Carduus nutans*, Tolfa – RM, 11.VI.13; *C. pycnocephalus*, Trevi nel Lazio – FR, 12.VI.13
Ref.: BARBAGALLO *et al.*, 1997
CAMPANIA: Vagrant alate, Novi Velia – SA, 3.VI.95; *Carduus nutans*, San Gregorio Matese – CE, 12.VI.07
- Uroleucon (Uromelan) carthami* (Hille Ris Lambers, 1948)
LATIUM: *Carthamus lanatus*, Tolfa – RM, 11.VI.13 and Trevi nel Lazio – FR, 12.VI.13;
CAMPANIA:
Ref.: PENNACCHIO, 1990
- Uroleucon (Uromelan) jaceae* (Linnaeus, 1758)
LATIUM: *Centaurea bracteata*, Tolfa – RM, 11.VI.13; *C. gr. deusta*, Trevi nel Lazio – FR, 12.VI.13; *C. spheroccephala*, Sabaudia – LT, Caprolace Lake, 13.VI.13
CAMPANIA: *Centaurea deusta*, Sanza – SA, Mt. Serritore, 15.VI.93; Montella – AV, loc. Piano di Verteglia, 16.VI.93 and Solopaca – BN, 15.VI.07; *C. ambigua*, San Gregorio Matese – CE, 12.VI.07
Ref.: JACCARINO & TREMBLAY, 1973 (as *Dactynotus jaceae*)
- Uroleucon (Uromelan) nigrocampanulae* (Theobald, 1928)
LATIUM: *Campanula rapuncululus*, Tolfa – RM, 11.VI.13; *C. trachelium*, Fiuggi – FR, 12.VI.13
CAMPANIA: *Campanula trachelium*, Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Uroleucon (Uromelan) solidaginis* (Fabricius, 1779)
LATIUM: *Solidago virgaurea*, Ariccia – RM, 11.VI.13
- Macrosiphoniella absinthii* (Linnaeus, 1758)
CAMPANIA:
Ref.: ROBERTI, 1958
- Macrosiphoniella artemisiae* (Boyer de Fonscolombe, 1841)
LATIUM: *Artemisia vulgaris*, Cerveteri – RM, 27.VI.12 and Valentano – VT, 28.VI.12
CAMPANIA: *Artemisia vulgaris*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
- Macrosiphoniella atra* (Ferrari, 1872)
LATIUM: *Artemisia alba*, Guarcino – FR, Mts. Ernici, 12.VI.13
CAMPANIA:
Ref.: ROBERTI, 1958
- Macrosiphoniella fasciata* Del Guercio, 1913
CAMPANIA: *Artemisia campestris* ssp. *variabilis*, Telesse Terme – BN, 17.VI.93
Ref.: ROBERTI, 1958
- Macrosiphoniella helichrysi* Remaudière, 1952
LATIUM: *Helichrysum stoechas*, Vicovaro – RM,

- 29.VI.12; *H. italicum*, Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13
 CAMPANIA: *Helichrysum italicum*, Novi Velia – SA, 3.VI.95
 Ref.: ROBERTI, 1958
- Macrosiphoniella leucanthemi* (Ferrari, 1872)
 CAMPANIA: *Leucanthemum vulgare*, San Gregorio Matese – CE, 13.VI.07
- Macrosiphoniella millefolii* (DeGeer, 1773)
 CAMPANIA: *Achillea ligustica*, Naples, 29.V.84; *A. millefolium*, Mercogliano – AV, loc. Montevergine, 17.VI.93; Manzano Appio – CE, loc. Campagnola, 12.VI.13
- Macrosiphoniella oblonga* (Mordvilko, 1901)
 LATIUM: *Artemisia vulgaris*, Valentano – VT, 28.VI.12
- Macrosiphoniella sanborni* (Gillette, 1908)
 LATIUM: *Chrysanthemum indicum*, Guarcino – FR, Mts. Ernici, 12.VI.13
 CAMPANIA:
 Ref.: SILVESTRI, 1939
- Macrosiphoniella silvestrii* Roberti, 1954
 CAMPANIA: *Achillea ligustica*, Colliano – SA, Mt. Marzano, 23.IX.76
 Ref.: ROBERTI, 1954
- Macrosiphoniella staegeri* Hille Ris Lambers, 1947
 CAMPANIA: *Centaurea deusta*, Montella – AV, loc. Piano di Verteglia, 16.VI.93
- Macrosiphoniella tapuskae* (Hottes & Frison, 1931)
 LATIUM: *Anthemis cotula*, Manziana – RM, 27.VI.12; *Achillea nobilis*, Rieti, Mt. Terminillo, 28.VI.12
 CAMPANIA: *Achillea ligustica*, Mercogliano – AV, loc. Montevergine, 17.VI.93; *Leucanthemum vulgare*, San Gregorio Matese – CE, 13.VI.07;
- Amphorophora gei* (Börner, 1939)*
 LATIUM: Vagrant alate, Formia – LT, loc. Maranola, Mts. Aurunci, 13.VI.13
- Amphorophora rubi* (Kaltenbach, 1843)
 CAMPANIA: *Rubus ulmifolius*, Sanza – SA, Mt. Serritore, 15.VI.93; vagrant alate, Acerno – SA, Mts. Picentini, 16.VI.93
 Ref.: SILVESTRI, 1939; ROBERTI, 1993
- Wahlgreniella nervata* (Gillette, 1908)
 LATIUM: *Rosa* sp. (cult.), Cisterna di Latina – LT, 18.V.14 (G. Nardi leg.)
- Wahlgreniella* spp. *arbuti* (Davidson, 1910)
 LATIUM: *Arbutus unedo*, Allumiere – RM, 27.VI.12
 CAMPANIA: *Arbutus unedo*, Pozzuoli – NA, 17.V.76
 Ref.: PATTI, 1983
- Megoura viciae* Buckton, 1876
 LATIUM: *Lathyrus pratensis*, Ronciglione – VT, Mts. Cimini, 28.VI.12; *Trifolium hybridum*, Tolfa – RM, 11.VI.13
 Ref.: BARBAGALLO *et al.*, 1997
 CAMPANIA: *Lathyrus pratensis*, Montesano sulla Marcellana – SA, 15.VI.93; *Onobrychis viciifolia*,

Mercogliano – AV, 17.VI.93; vagrant alate, Mercogliano – AV, loc. Montevergine, 17.VI.93; *L. sylvestris*, Marzano Appio – CE, loc. Campagnola, 12.VI.13
 Ref.: SILVESTRI, 1939; ROBERTI, 1993

Megourella purpurea Hille Ris Lambers, 1949
 CAMPANIA: *Lathyrus pratensis*, Montesano sulla Marcellana – SA, 15.VI.93
 Ref.: BARBAGALLO & PATTI, 1998

ADDITIONAL NOTES ON TAXA

Supplementary notes are added for a few aphid taxa to provide further information on their local distribution, ecology, or taxonomic status. Four species (i.e. *Aploneura ampelina*, *Cerataphis lataniae*, *Pentalonia nigronervosa*, and *Rhopalosiphoninus staphyleae* ssp. *tulipaellus*) are of uncertain presence in the quoted area, while some others are new records for Italy (i.e. *Aphis acanthoidis*, *A. gentiana*, *A. pernilleae*, *Lipaphis pseudobrassicae*, and *Macrosiphum laseri*) or are uncommon and therefore rarely recorded in the country.

Pemphigus populinigrae (Schrank). The aphid was recorded for Latium (Rome) by PALLAVICINI MISCIATTELLI (1894) as *Pemphigus marsupialis* Couchet; she gave a short description of the aphid gall on *Populus nigra*. ROBERTI (1938), in his first paper on poplar Pemphigini, subsequently noted the same aphid as *P. filaginis* B.d.F. for Campania, either on its primary host (*P. nigra*) or secondary host plants (genera *Filago* and *Gnaphalium*, Asteraceae); he reported a detailed morphological description of the different aphid morphs, adding biological accounts.

The binomial name *Pemphigus marsupialis* Couchet nec Koch for this aphid (*P. populinigrae*) was apparently used for the first time by LICHTENSTEIN (1886), who renamed the aphid species erroneously attributed to *Pachypappa marsupialis* Koch by COURCHET (1880-84), who had misidentified the aphid. Following Lichtenstein's designation several Italian cecidologists (MASSALONGO C.B., 1893; PALLAVICINI MISCIATTELLI, 1894; MASSALONGO O., 1896; DEL GUERCIO, 1906; TROTTER, 1898; TROTTER & CECCONI, 1906; GRANDI, 1908; COBAU, 1910; CORTI, 1910; COZZI, 1914) have long used the name *Pemphigus marsupialis* Couchet [at times even erroneously attributing the authorship to 'Koch' or to '(Koch) Couchet'] for the aphid now known as *Pemphigus populinigrae* (Schrank) (= *P. filaginis* B.d.F.). This even appears clear from the short description of the gall and/or from its reported figures. Furthermore, one of us (S.B.) recently had the opportunity to see (at the Herbarium collection, Dept. of Life Sciences and Systems Biology, University of Turin – Turin, Italy) the serial fascicles entitled *Cecidotheca Italica* by TROTTER & CECCONI (1900-1917), which contain, for each item therein reported, a gall sample as *exsiccata*. Sheet no. 343 (part of fascicle XIV, published in 1906), labelled as *Pemphigus marsupialis* Couchet, contains a leaf-gall sample that undoubtedly belongs to *P. populinigrae* (Schrank) (identifiable at least as a species group). *Pachypappa marsupialis* Koch should thus be deleted from the Italian aphid checklist, because all current records noting this aphid species in the country, including more recent records (ROBERTI, 1993; BARBAGALLO *et al.*, 2008 and 2011), must indeed refer to

Pemphigus populinigrae (Schrank).

Aploneura ampelina (Mokrzecky). The presence of this aphid species in Italy is uncertain, but its distribution is apparently inclusive of several countries in southern Europe where the aphid lives on the roots of *Vitis vinifera*. The first record of this aphid in Italy (Campania) was by MORDVILKO (1935), who identified some specimens of a root aphid collected by F. Silvestri from Bermuda grass (*Cynodon dactylon*) near Naples. ROBERTI (1939b, 1993) subsequently reported specimens of the same aphid sample as belonging to *Baizongia pistaciae*. Unfortunately, no further record of *A. ampelina* has yet been reported for Italy, so its establishment in Campania or elsewhere in the country remains an object of controversy.

Cerataphis lataniae (Boisduval). This aphid is an intertropically distributed species recorded in Italy by SILVESTRI (1939) in his general book of applied entomology; thereafter, the insect was recorded by several other authors (GRANDI, 1951; ROBERTI, 1968; TREMBLAY, 1995; POLLINI, 2013) for a possible presence in areas of southern Italy and in greenhouses on palms and other suitable ornamental host plants. Nevertheless, no recovered aphids have been reported for any region of the country, and its presence in Italy therefore remains uncertain.

Drepanaphis acerifoliae (Thomas). This Calaphidine of Nearctic origin was recorded in Italy more than twenty years ago (LOZZIA & BINAGHI, 1992) and in the following years (COLOMBO *et al.*, 1996; BARBAGALLO *et al.*, 2008) in Lombardy. The aphid is presently widespread in other regions of Italy, mainly in the northern area of the peninsula, where it usually lives on silver maples (*Acer saccharinum*), a common ornamental tree in parks and gardens. Our aphid sample collected in Campania currently represents the most southern record in our country. The aphid can be easily identified using the keys to the aphid genus *Drepanaphis* on *Acer* spp. by BLACKMAN & EASTOP, 1994.

Periphyllus obscurus Mamontova. The presence of this species in Italy was recorded for Latium by PATTI & BARBAGALLO (1998a) on the basis of a single apterous specimen collected in Rome from *Acer campestre*. A second small sample was subsequently collected in Campania (Cautano, Benevento province) from the same host plant. The aphid is undoubtedly quite rare in Italy, although it is known in several other European countries (HEIE, 1982; BLACKMAN & EASTOP, 1994). STROYAN (1977) gives morphological features and a key to British *Periphyllus*.

Aphis acanthoidis (Börner). A sample attributed by us to this species, not yet known to Italy, was collected in Campania from flower stems of *Carduus nutans*. This taxon was briefly described by BÖRNER (1940) from *C. acanthoides* in Germany and is presently known from a few other European countries (SZELEZIEWICZ, 1975; BLACKMAN & EASTOP, 2006). The aphid is a short-haired species, similar in colour to *A. gossypii*, from which it can be easily distinguished by the set of marginal tubercles present on abdominal tergites 2-5 and by other morphological features. Molecular analysis of the mitochondrial gene encoding cytochrome oxidase I indicated a significant divergence of our specimens from *A. gossypii* (COCUZZA *et al.*, 2009). The morphology of the aphid has rarely been reported in the literature, so a short description of our available specimens is reported here.

Apterous viviparous female (biometric data from 10 specimens). Body length 1.20-1.52 mm (up to 2.20 mm in specimens seen from the B.M. collection), dark greenish in colour. Antennae 6- or 5-jointed (mostly in smaller specimens), 0.38-0.57 of body length, and process terminalis 1.92-2.50 of the base of joint VI. Rostrum reaching the third coxae; ultimate rostral joint with 2, rarely 3, accessory hairs, 1.10-1.40 of hind tarsomer II. Siphunculi slightly tapering and well pigmented, 0.11-0.15 (occasionally up to 0.19) of body length. Cauda tongue-shaped, sometimes slightly constricted laterally, bearing 5-7 hairs and nearly as pigmented as the siphunculi; its ratio with the siphunculi is quite variable from ~0.50 up to 0.85 (commonly 0.60-0.75). Abdominal dorsum mostly membranous, with small transverse spinal bars on the 8th and usually also the 7th tergites. Abdominal marginal tubercles usually present on tergites 2-5 at a variable number of 2-8 (very rarely completely lacking on both sides) in addition to those on the 1st and 7th urites. Body hairs all very short and quite blunt, 6-11 µm on the head (front), 6-10 µm on the 3rd urotergite (marginal), and 9-18 µm on the 8th urotergite, which bears 2 hairs. Genital-plate chaetotaxy with 2-4 discal hairs and 6-10 (occasionally up to 14) marginal hairs.

Alate viviparous female (biometric data from 10 specimens). Body length 1.24-1.55 mm. Antennae 6-jointed, 0.55-0.65 of body length; 3-6 secondary rhinaria on joint III (large and toward the distal part of the joint) and 0-1 on joint IV. Siphunculi 0.10-0.11 of body length. Cauda with 4-6 hairs. Abdominal sclerifications consisting of small marginal plates on segments 2-5 and small spinal bars on the 6th-8th urotergites, occasionally extending forward on one or two more tergites. Other biometric features as in the apterae.

Aphis gentianae (Börner). This species, originally described by BÖRNER (1940) from the basal leaves of *Gentiana cruciata*, is known to live on various genera of Gentianaceae in several European countries (SZELEZIEWICZ, 1975; BLACKMAN & EASTOP, 2006). Our small sample from Latium represents only a few specimens (four apterae viviparous and three oviparous females) collected on different dates from *Gentiana* sp. in a woody area, where it was attended by *Formica pratensis* (Prof. A. Fanfani *legit*). The aphid is here recorded for the first time in Italy, although we have seen one more sample from the N.H.M. in London previously collected in Venice (Venetia region) from *Centaureum* (Gentianaceae) by the late Dr. Victor F. Eastop. It develops a monoecious holocyclic life cycle (oviparous specimens have been collected in September) and has the typical facies of a root feeding *Aphis* species, i.e. short hairs on the body and appendices and a more or less complete set of abdominal marginal tubercles. The aphid has been rarely recorded in the literature, so we here briefly describe it on the basis of available specimens seen from the two mentioned Italian regions.

Apterous viviparous female (eight specimens). Body length 1.15-1.70 mm. Antennae 0.50-0.77 of body length; distal part of antennal joint VI 2.10-3.00 of the base, 1.02-1.38 of antennal joint III, and 0.92-1.18 of siphunculi; antennal joint III without secondary rhinaria (except in three alate specimens with 2-7 secondary small rhinaria on antennal joint III). Last rostral joint 1.10-1.38 of hind tarsomer II. Siphunculi pigmented brown and slightly tapering, 0.12-0.20 of body length and 4.50-6.60 of their medial diameter. Cauda pigmented as the siphunculi, tongue-

shaped, not constricted and quite pointed at the apex, bearing 5-9 lateral setae. Genital plate with 3-6 discal setae and 8-13 marginal setae, all very short. Dorsum membranous, with narrow pigmented bands on the 8th and usually also the 7th urotergite. Dorsal body hairs and those on appendices very short and blunt at the apex: 5-9 μm on the 8th urite, the latter having 2 dorsal setae; hairs on antennal joint III 5-8 μm or 0.26-0.38 of basal articular diameter of the same joint; posterior trocanteral hair of hind legs 0.18-0.28 of trocantero-femoral suture. Marginal tubercles quite large, always present on the 2nd-5th urites (occasionally also on the 6th) in addition to those on the 1st and 7th urites.

Alate viviparous female (two specimens). Body length 1.33-1.52. Antennae 0.62-0.64 of body length; processus terminalis of joint VI 2.90-3.10 of base; 5-6 secondary rhinaria on joint III, absent on joint IV. Abdomen with marginal sclerifications on the 2nd-4th urites and small spinal sclerifications on the 7th and 8th urotergites. Other morphological features as in the apterae.

Oviparous female (three specimens). Body length 1.20-1.48 mm. Antennae 6- or (one specimen) 5-jointed; processus terminalis of last antennal joint about twice the length of the base. Last rostral joint 1.20-1.30 of joint II of the hind tarsi. Siphunculi quite pale at the base and gradually darkening to the apex, cylindrical; their length 0.09-0.12 of body length and 1.36-1.68 of caudal length. The latter sub-triangular or nearly helmet-shaped, as long as wide at the base (0.90-1.00), with 6-7 hairs. Genital plate with 36-43 short hairs, scattered throughout. Hind tibiae widened very little and bearing ~12-30 pseudosensoria.

Note. This species is morphologically similar to *Aphis orocantabrica* Garcia Prieto & Nieto Nafria living on *Gentiana lutea* in Spain. Nevertheless, specimens of *A. orocantabrica* inspected for comparison had a number of morphological differences, such as (1) a differently shaped cauda (which is digitiform and usually paler than the siphunculi and (2) a shorter processus terminalis of antennal joint VI, which is 1.25-1.78 of the base of the same joint and shorter (0.50-0.86) than the siphunculi in both apterae and alatae.

Aphis pernilleae Heie. A few colonies attributed by us to this species were collected from the main roots of *Andryala integrifolia* in a dry area at Cerveteri near Rome. Only apterae and immatures were present at the end of June within the myrmecophilous colonies. Specimens were green yellowish with a pale bluish tinge. The aphid was described from Denmark (HEIE, 1986b), collected from roots of *Hypochoeris* sp., and thereafter found in Spain (NIETO NAFRIA *et al.*, 2005) on *Andryala* spp. (*integrifolia*, *ragusina*). Both papers contain a detailed morphological description, which agreed well with the morphological features of our specimens from Italy; our specimens also corresponded well to one paratype specimen of *A. pernilleae* borrowed from the Natural History Museum (London). Apterae collected in Italy have the following main biometrics.

Apterous viviparous female (biometric data from 10 specimens). Body length 1.02-1.38 mm. Antennae 5-jointed, 0.69-0.90 mm; antennal joint V 0.08-0.11 (basal part) + 0.18-0.25 mm of distal part, and shorter (0.64-0.75) than antennal joint III. Last rostral joint 0.11-0.13 mm, with 2 accessory hairs. Second hind tarsomer 0.08-0.09 mm. Siphunculi 0.15-0.19 mm, entirely pigmented. Cauda tongue-shaped or with a small constriction, 0.11-0.12 mm, with 5-7 hairs and slightly paler than the siphunculi.

Abdominal marginal tubercles only present on the 1st and 7th urites, the latter 32-42 μm in maximum diameter or length. Maximum length of body hairs: 6-9 μm on head (frons), 6-12 μm on the 3rd abdominal tergite, 14-18 μm on the 8th urite, 6-9 μm on antennal joint III (basal articular diameter of the latter, 18-20 μm), and 16-20 μm on the hind trocanter, ventral side (trocantero-femoral suture 34-48 μm in diameter).

Brachycaudus (Nevskyaphis) lucifugus Müller. This aphid was first recorded in Italy by VAN HARTEN & COCEANO (1981) and subsequently noted in other papers (BARBAGALLO & PATTI, 1994; BARBAGALLO & RICCI, 2006; COEUR D'ACIER *et al.*, 2008) mainly from northeastern regions. The present record from Campania is therefore the most southerly on the peninsula. The aphid is myrmecophilous and lives in the root-collar area of *Plantago lanceolata*; it can easily be overlooked because of this behaviour and may be more widespread in Italy than is presently apparent. For its identification and morphological details, see MÜLLER (1955), STROYAN (1964), HEIE (1992), and BLACKMAN (2010).

Brachycaudus (Nevskyaphis) malvae Shaposhnikov. Two samples of this aphid, both collected in Latium (Rome), are available to us. The species was first recorded in Italy in a paper on the molecular phylogeny of the genus *Brachycaudus* (COEUR D'ACIER *et al.*, 2008). The aphid is known to live on *Malva* spp., on which it has a monoeucious life cycle. It is widely distributed from western Europe eastward to China (BLACKMAN & EASTOP, 2006).

Lipaphis pseudobrassicae (Davis). This aphid was previously recorded in Italy and elsewhere in Europe as *L. erysimi* (Kalt.) *s. lat.*, but two distinct taxa are now recognized. *L. pseudobrassicae* mostly affects brassica crops, rather than wild Brassicaceae, while these latter usually host *L. erysimi s. str.* Our sole sample from Campania and here attributed to *L. pseudobrassicae* was collected from *Rorippa sylvestris*, living along a roadside in an urban area. The differences between the two very similar aphid taxa were detailed by BLACKMAN and EASTOP (2006). For information about biology and damage to crops, see also BLACKMAN & EASTOP (2000) (under the name *L. erysimi*). This aphid was recently recorded in Italy by POLLINI (2013).

Pentalonia nigronervosa (Coquerell). This aphid is intertropically distributed but also occurs indoors in temperate European countries (HEIE, 1986a, 1994; BLACKMAN & EASTOP, 2000). The insect is a well-known pest of cultivated Musaceae and is particularly noxious to banana crops, mainly for virus transmission. It has been rarely recorded in Italy apart from a first note by SILVESTRI (1939) in his book of applied entomology, which has been assumed as a record for Campania (ROBERTI, 1993), although no recovered aphids have been reported from the area. SÜSS (1972) recorded *P. nigronervosa* in Lombardy (northern Italy), where it was collected from rhizomes of *Caladium* (Araceae) in a greenhouse. Misidentification with *P. caladii* v.d.G. may be involved here, because the latter was recently shown to be a separate species living on Araceae and Zingiberaceae (FOOTITT *et al.*, 2010).

Rhopalosiphoninus staphyleae ssp. tulipaellus Theobald. *R. staphyleae* (Koch), *s. lat.* has rarely been recorded in

Italy, only from Tuscany and Lombardy (DEL GUERCIO, 1900; LIMONTA, 2001). The subspecies *tulipaellus* was apparently recorded only for Campania (SILVESTRI, 1939; TREMBLAY, 1995), although no collection data are available as a pest of tulip bulbs (or other Liliaceae species). BLACKMAN (2010) recently provided morphological details to separate ssp. *staphyleae* s. str. from ssp. *tulipaellus*, and the latter has been ranked at full species level by previous authors (BÖRNER, 1952; BÖRNER & HEINZE, 1957; HEIE, 1994).

Acyrtosiphon nigripes (Hille Ris Lambers). This aphid was originally described from Italy (Trentino-Alto Adige region) by HILLE RIS LAMBERS (1935), who later added further morphological and ecological details (HILLE RIS LAMBERS, 1947). The insect lives on the stems and leaves of *Laserpitium siler* and has a monoecious life cycle. Our find from Campania (Mounts Picentini) consists of a single alate viviparous specimen selected from a sample of mixed aphid species obtained by thrashing various herbaceous plants including unidentified Apiaceae. This record is the first for this aphid from southern Italy.

Macrosiphum laseri Holman. A small sample of this aphid was collected in Campania at Montevergine (Mercogliano, Avellino province) from *Laserpitium latifolium*. A single small colony was found on the underside of a leaflet; specimens were yellowish and covered with a white waxy secretion. The species, which is a new record for Italy, was previously known from Crimea (type locality), Hungary, and France (BLACKMAN & EASTOP, 2006). For morphological features and relationships to related species, see HOLMAN (1962).

Uroleucon pilosellae (Börner). *U. pilosellae* is one of the commonest species in Italy, recorded from various north-central regions of the peninsula (Trentino-Alto Adige, Venetia, Lombardy, Marche, Umbria, and Abruzzo) and now southwards to Latium and Campania. It lives holocyclically on several species of *Hieracium* (mostly of the *pilosella* group), on which dense colonies develop, particularly along the flower stems of its host plants. The aphid is widespread in Europe (HILLE RIS LAMBERS, 1939; HEIE, 1995; BLACKMAN, 2010).

Amphorophora gei (Börner). One alate viviparous specimen was caught by thrashing mixed herbs on Mounts Aurunci (Latium, Latina province). The aphid was previously recorded from Italy by VAN HARTEN & COCEANO (1981), who trapped another single alate in a yellow sticky trap in the Friuli-Venetia Julia region (north-eastern side of the peninsula). No direct field collections have been registered from its relevant host plants (*Geum*, *Alchemilla*, and *Filipendula*) in Italy, where the aphid appears to be quite rare; it is nevertheless widespread in north-central Europe (HILLE RIS LAMBERS, 1947; HEIE, 1995; BLACKMAN & EASTOP, 2006). For its identification and further details, see BLACKMAN (2010).

BIOGEOGRAPHICAL REMARKS

A large number of taxa have been recorded in Latium and Campania that have wide biogeographical distributions, such as Cosmopolitan or Subcosmopolitan (18.7%) and Holarctic (25.1%) species. Two additional large groups are represented by aphids with a more restricted

Palearctic (17.7%) or European (30.0%) distribution. A much smaller group contains taxa that are more or less restricted in distribution to the Mediterranean area (8.5%). This latter group has a few representatives apparently restricted to Italy, such as some of the oak-feeding Phylloxerinae, including *Phylloxera confusa*, *Ph. ilicis*, and *Ph. italica* (Grassi *et al.*, 1912).

The above-mentioned chorological pattern is similar to that of the Italian aphid fauna as a whole, where the corresponding main biogeographical categories are 24.9% Cosmopolitan and Subcosmopolitan, 19.5% Holarctic, 17.0% Palearctic, 30.6% European, and 8.0% Mediterranean and Italian (Barbaggio *et al.*, 2009).

FINAL COMMENTS

The present survey of the aphid fauna of Latium and Campania adds 130 and 116 aphid species, respectively, to the previously published data. The number of aphids recorded to date for the two regions is undoubtedly an underestimate. The present checklist therefore only represents a preliminary contribution to our faunistic knowledge of this group of sap-feeding insects within the surveyed regions. The richness of the various ecological habitats and the floristic biodiversity of both regions, where ~3200 vascular plants in Latium and ~2800 in Campania have been recorded (CONTI *et al.*, 2005), guarantee further contributions. Notably, more than four hundred aphid taxa have been recorded to date in other Italian administrative regions having a similar floristic biodiversity, such as Lombardy and Emilia Romagna, suggesting a likely increase in the number of recorded aphid species in Campania and Latium.

RIASSUNTO

Lo studio faunistico sugli afidi delle regioni Lazio e Campania ha evidenziato la rispettiva presenza nel territorio di 269 e 324 specie e sottospecie, con un complessivo di 390 taxa per entrambe le regioni. I dati riportati derivano in prevalenza da dirette raccolte di campo, che hanno consentito di cumulare e identificare circa 850 campioni afidici nell'arco di oltre un trentennio di collezione per entrambe le regioni. Questi dati sono stati integrati da tutti i riferimenti bibliografici a nostra disposizione e relativi alle segnalazioni delle singole specie nei territori regionali in causa.

Nella checklist delle specie sono annotati per ciascun taxon oggetto di nostri diretti riscontri i dati essenziali di campo (piante ospiti, località e data di raccolta) separatamente per singola regione. Per un gruppo di specie, fra cui alcune poco note o di nuova segnalazione per l'Italia vengono fornite notizie aggiuntive ai dati di raccolta, al fine di chiarire, a seconda dei casi, alcuni aspetti connessi al loro status tassonomico, la distribuzione geografica locale, la morfologia e/o loro comportamenti bio-ecologici. Sono esposte, infine, brevi considerazioni biogeografiche d'insieme sulle specie riportate, comparandone lo spettro corologico con quello relativo all'afidofauna italiana nel suo insieme.

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