

## A survey of aphid parasitoids (Hymenoptera: Braconidae: Aphidiinae) of Southeastern Europe and their aphid-plant associations

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### Abstract

The present work covers original information on the aphid parasitoids (Hymenoptera: Braconidae: Aphidiinae) of Southeastern Europe. The individual parasitoid species were reared from identified host aphid and plant associations which are listed alphabetically. Twenty two aphidiine genera and 115 species from 208 aphid taxa occurring on 422 plant taxa were identified and 561 parasitoid-aphid associations are reported. The determined parasitoid fauna was divided into 9 faunal groups. Local information on some important biocontrol agents (*Aphidius colemani* Viereck) as well as on expansive/introduced species (*Lysiphlebus testaceipes* (Cresson)) in the area are presented.

**Key words:** Aphidiinae; parasitoid-aphid-plant associations; faunistic complexes

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### INTRODUCTION

Over 400 species of aphid parasitoids are described worldwide (Starý, 1988; Dolphine and Quicke, 2001). All species are solitary endoparasitoids of aphids and have a great impact on pest aphid control (Starý, 1970; Hagvar and Hofsvang, 1991). Aphid parasitoids and their aphid hosts have prevalently Northern Hemisphere distribution (Mackauer, 1968).

In the past decades, many new aphid parasitoid species (Starý et al., 1998; Kavallieratos and Lykouressis, 1999–2000; Tomanović and Starý, 2001; Tomanović and Kavallieratos, 2002; Tomanović et al., 2002, 2003a, b; Kavallieratos et al., 2003; Kavallieratos and Tomanović, 2003) and tritrophic associations (Starý, 1962, 1974, 1976; Starý and

Schlinger, 1967; Tomanović et al., 1998; Kavallieratos et al., 2001) were revealed in Southeastern Europe. Continuing our efforts in the field of Aphidiinae we present thirteen years data of parasitoid-aphid-plant associations in the area of Southeastern Europe. The purpose of this study was to elaborate the parasitoid fauna and provide information about the population structure, host range pattern, distribution and faunistic complexes of aphid parasitoids.

### MATERIALS AND METHODS

Samples from plants bearing aphid colonies consisting of both live and mummified aphids, were collected from many localities of Southeastern Europe (Serbia, Montenegro, Greece, Bosnia, Croatia,

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The Former Yugoslav Republic of Macedonia, Bulgaria, Turkey and Cyprus). Plants were pressed herbarized and later identified. Live aphids were preserved in 90% ethyl-alcohol and 75% lactic acid 2:1 (Eastop and van Emden, 1972). Mummified aphids of the same species and plant sample were placed in groups in small plastic boxes. Next, the plastic boxes were put inside a growth cabinet. On the lid of each box there was a circular opening covered with muslin for ventilation in order to maintain inside the boxes similar conditions to those existing in the growth cabinet (22.5°C, 65% relative humidity, 16:8 L:D photoperiod). Slides were made in Canada balsam with dissected parasitoids specimens for later identification.

Twenty two aphidiine genera and 115 species from 208 aphid taxa occurring on 422 plant taxa, were identified. Presently, we report 561 parasitoid-aphid associations.

All material was checked by the authors. Additional unchecked information about Southeastern European aphidiine are available in Graeffe (1908), Fahringer (1924), Vukasović (1928), Ferrière and Vukasović (1928), Fulmek (1957), Mentzelos (1964), Radev (1968), Argyriou (1970), Pělov (1972a, b, c), Atanassova (1997). All records are listed alphabetically. Nomenclature of plants is based on Tutin et al. (1964, 1968, 1972, 1976, 1980) and Greuter et al. (1984, 1986, 1989) whereas nomenclature of aphids is based on Remaudière and Remaudière (1997). Aphid parasitoids nomenclature follows Mackauer and Starý (1967), Starý (1973), Gardenfors (1986) and Kavallieratos et al. (2001).

## RESULTS

### 1. Tritrophic (parasitoid-host aphid-plant) relationships from field collection

Genera and species of Aphidiinae are listed alphabetically, with host aphids, host plants, sex ratio, specific collection sites, date of collections, legators and countries. The references in this section are abbreviated as follows: Starý, Tomanović and Petrović (1998), [STP1998]; Kavallieratos and Lykouressis (1999), [K1999]; Kavallieratos and Lykouressis (1999–2000), [K1999–2000]; Tomanović and Starý (2001), [TS2001]; Kavallieratos, Lykouressis, Sarlis, Stathas, Sanchis Segovia and Athanassiou (2001), [K2001]; Tomanović and

Kavallieratos (2002), [TK2002]; Tomanović, Starý and Petrović (2002), [TSP2002]; Kavallieratos, Athanassiou and Tomanović (2003), [K2003]; Tomanović, Kavallieratos, Athanassiou and Petrović (2003a), [TK2003]; Tomanović, Kavallieratos, Athanassiou and Stanisavljević (2003b), [T2003].

### Abbreviations and symbols

SER—Serbia, MNG—Montenegro, FYRM—The Former Yugoslav Republic of Macedonia, BOS—Bosnia, CRO—Croatia, BUL—Bulgaria, TUR—Turkey, GRE—Greece, CYP—Cyprus.

Legators: AĆ (A. Četković), DG (D. Gonzales), DI (Dimitrov), DJ (D. Jerinić), GS (G. de Salles), GYL (Gyllensvärd), JA (Januševska), JS (J. Stará), KAT (Katsoyannos), KO (Kontev), KPC (K. P. Carl), LP (Leopold Pajnik), MB (M. Brajković), MS (M. Sotunzaden), OP (O. Petrović), PA (P. Aeschlimann), PAT (P. Atanassova), PS (P. Starý), ST (S. Tomanović), ŽT (Ž. Tomanović), VŽ (V. Žikić).

All samples from Greece were collected by the senior author (Nickolas G. Kavallieratos) except the samples with mentioned legators.

# dorsale-yomenae group

## urticae group

### under revision

#### (1) *Aclitus obscuripennis* Förster, 1862

Root aphid parasitoid, collected by sweeping in Sicevo Gorge, 25.viii.1997, (1 ♀), leg. VŽ, (SER).

#### (2) *Adialytus ambiguus* (Haliday, 1834)

*Sipha elegans* del Guercio: on *Triticum aestivum* (8 ♀4 ♂), Gornjane, 07.vii.1990, leg. OP, Kivilovo, 22.v.1993, leg. ŽT, (SER); *Sipha maydis* Passerini: on *Alopecurus pratensis* (6 ♀9 ♂), Žitište, 22.vi.1997, Glogovac, 17.vii.1997, Toponica, 19.vii.1997, leg. ŽT, (SER); *Avena sativa* (1 ♀), Gornjane, 06.vii.1990, leg. OP, (SER); *Chrysopogon gryllus* (22 ♀9 ♂), Borsko jezero, 07.viii.1990, leg. OP, (SER); *Dactylis glomerata* (3 ♀), Žabljak, 04.viii.1992, leg. OP, (MNG), Petnica, 25.vi.1996, leg. ŽT, (SER); on *Hordeum* sp. (10 ♀), Selevac, 27.vi.1995, leg. OP, (SER); on *Triticum aestivum* (27 ♀40 ♂), Kivilovo, 22.v.1993, 19.vi.1997, leg. ŽT, (SER); *Sipha* sp.: on *Tribulus* sp., Zlatni Pjasci, viii, 1975, leg. PS, (BUL).

#### (3) *Adialytus salicaphis* (Fitch, 1855)

*Chaitophorus leucomelas* Koch: on *Populus alba* (173 ♀142 ♂), Athens-Attica, 9.vi.1997,

Kopais-Voiotia, 21.iv.1997, [K2001], (GRE); *P. nigra* (14 ♀9 ♂), Athens-Attica, 21.v.1997, Nafplion-Argolis, 15.v.1997, [K2001], (GRE); ***Chaitophorus populeti*** (Panzer): on *Populus alba* (29 ♀6 ♂), Mt Beljanica, 12.vii.1998 leg. OP, (SER), Athens-Attica, 9.vi.1997, [K2001], (GRE); *P. nigra* (2 ♀3 ♂), Athens-Attica, (GRE), 9.vi.1997, [K2001], (GRE); *P. tremula* (4 ♀), Athens-Attica, 09.vi.1997, [K2001], (GRE); ***Chaitophorus populialbae*** (Boyer de Fonscolombe): on *Populus nigra* (4 ♀6 ♂), Athens-Attica, 21.v.1996, [K2001], (GRE); *P. tremula* (1 ♀), Athens-Attica, 09.vi.1997, [K2001], (GRE); ***Chaitophorus vitellinae*** Schrank: on *Salix alba* (1 ♂), Bački Monoštor, 21.vii.1996, leg. OP, (SER); ***Chaitophorus* spp.:** on *Populus alba* (1 ♀3 ♂), Belgrade-Galovica, 14.v.2000, leg. ŽT, (SER); on *P. tremula* (39 ♀10 ♂), Mt Beljanica, 29.vii.1996, leg. OP, Užice-Trešnjica, 23.vii.1996, leg. ŽT, Mt Divčibare, 05.viii.2000, leg. OP, (SER); *Populus nigra* (10 ♀6 ♂), Ečka, 24.v.2002, leg. ŽT, (SER); *Salix alba* (6 ♀7 ♂), Glogovac, 18.vii.1999, leg. ŽT, (SER); on *S. caprea* (37 ♀9 ♂), Obedska bara, 07.vi.1997, Užice-Sredići, 20.v.2000, Kopaonik-Brzeća, 25.viii.2000, leg. ŽT, (SER); *Salix* sp. (20 ♀16 ♂), Belgrade-Radmilovac, 18.vi.1999, Derventa, 31.v.1998, (SER), Pula, 27.vii.1989, (CRO), Ečka, 31.v.2001, (SER), Mt Durmitor-Jezerska gora, 01.vii.2002, leg. ŽT, (MNG); *Populus nigra*, Zlatni Pjasci, viii.1975, leg. PS, (BUL); *Populus* sp. (6 ♀6 ♂), Mt Beljanica, 29.vii.1996, leg. OP, Novi Sad, 01.vi.1996, leg. LP, New Belgrade (45), 06.vi.1999, leg. ŽT, (SER); *Salix* sp., Plitvička jezera, 03.vii.1966, leg. PS, (CRO).

**(4) *Adialytus thelaxis*** (Starý, 1961)

***Thelaxes* sp.:** on *Quercus ilex* (70 ♀52 ♂), Bečići, 29.vi.2001, leg. ŽT, (MNG).

**(5) *Aphidius absinthii*** Marshall, 1896

***Macrosiphoniella artemisiae*** Boyer de Fonscolombe: on *Artemisia vulgaris* (224 ♀135 ♂), Kovilovo, 03.vi.1993, 15.vi.1993, Belgrade-Dušanovac, 18.vi.1993, Surčin, 19.vi.1993, 17.v.1998, Belgrade-Bežanija, 12.v.2001, leg. ŽT, (SER); ***Macrosiphoniella tanacetaria*** (Kaltenbach): on *Tanacetum corymbosum* (13 ♀10 ♂), Argos Orestikon-Kastoria, 27.v.1999, [K2001], (GRE); ***Macrosiphoniella* sp.:** on *Artemisia scoparia* (2 ♀1 ♂), Gornjane, 07.vii.1990, leg. OP, (SER); on *Achillea millefolium* (16 ♀6 ♂), Mt Tara-Rastište, 31.v.1998, Mt Divčibare, 01.viii.1999, Ečka,

24.v.2002, leg. ŽT, (SER).

**(6) *Aphidius aquilus*** Mackauer, 1961

***Callaphis flava*** Mordvilko: on *Betula* sp. (16 ♀23 ♂), Belgrade-Hajd park, 16.v.1998, leg. ŽT, (SER); ***Euceraphis punctipennis*** (Zetterstedt): on *Betula pendula* (1 ♀), Užice-Bela zemlja, 21.vii.2000, leg. ŽT, (SER).

**(7) *Aphidius artemisicola*** Tizado and Nunez, 1994

***Macrosiphoniella* sp.:** on *Artemisia vulgaris* (2 ♂), Belgrade-Tošin bunar, 01.viii.2000, leg. ŽT, (SER).

**(8) *Aphidius avenae*** Haliday, 1834

***Acyrtosiphon pisum*** (Harris): on *Medicago sativa* (13 ♀6 ♂), Kovilovo, 03.v.1992, 21.vi.1992, 26.vii.1992, 10.v.1993, 05.vi.1993, 11.vi.1993, 24.ix.1993, leg. ŽT, (SER); *Trifolium pratense* (1 ♀), Grocka, 22.vi.1995, leg. ŽT, (SER); ***Acyrtosiphon malvae*** (Mosley): on *Achillea tanacetifolia* (3 ♀), Mt Šara-Livadačko jezero, 24.vii.1995, leg. OP, (SER); ***Acyrtosiphon* sp.:** on *Salix retusa* (56 ♀44 ♂), Mt Durmitor-Mali Međed, 06.vii.1998, 18.vii.2000, Mt Durmitor-Ledena pećina, 17.vii.2000, leg. ŽT, (MNG); ***Macrosiphum* sp.:** on *Digitalis grandiflora* (1 ♂), Mt Vlasina, 23.vii.1990, leg. OP, (SER); ***Metopolophium dirhodum*** (Walker): on *Avena sterilis* (3 ♀), Troizina-Attica, 17.iv.1996, [K2001], (GRE); ***Myzus persicae*** (Sulzer): on *Prunus cerasifera* (1 ♂), Belgrade, 12.vi.1995, leg. OP, (SER); *P. persica* (2 ♀), Skydra-Pella, 19.viii.1997, [K2001], (GRE); *Nicotiana tabacum* (1 ♀), Katerini-Pieria, 01.vi.1997 [K2001], (GRE); ***Rhopalosiphum padi*** (L.): on *Hordeum vulgare* (2 ♀1 ♂), Athens-Attica, 04.iv.1996, [K2001], (GRE); ***Sitobion avenae*** (Fabricius): on *Hordeum sativa* (1 ♀), Kanjiža, 08.vi.1995, leg. ŽT, (SER); ***Sitobion fragariae*** (Walker): Žabljak, 04.viii.1992 on *Lolium rigidum* ssp. *lepturoides* (1 ♀1 ♂), leg. OP, (MNG).

**(9) *Aphidius colemani*** Viereck, 1912

***Aphis craccivora*** Koch: on *Ailanthus altissima* (14 ♀13 ♂), Athens-Attica, 19.v.1997, [K2001], (GRE); *Capsella bursa-pastoris* (8 ♀14 ♂), Kopais-Voiotia, 29.v.1997, [K2001], (GRE); *Ceratonia siliqua* (4 ♀4 ♂), Athens-Attica, 19.v.1997, [K2001], (GRE); *Medicago sativa* (3 ♀), Athens-Attica, 19.v.1997, [K2001], (GRE); *Melilotus sulcata* (16 ♀10 ♂), Athens-Attica, 19.v.1997, [K2001], (GRE); ***A. fabae*** Scopoli: on *Ammi majus* (38 ♀21 ♂), Athens-Attica, 19.v.1997, [K2001],

(GRE); *Cestrum parquii* (7♀10♂), Hania-Hania, 30.x.1995, [K2001], (GRE); *Euonymus japonicus* c.v. Aureo marginatus (3♀7♂), Athens-Attica, 21.iv.1996, [K2001], (GRE); *Euonymus japonicus* (44♀36♂), Athens-Attica, 21.iv.1996, [K2001], (GRE); *Rumex crispus* (9♀1♂), Messologgion-Aitoloakarnania, 12.v.1997, [K2001], (GRE); *Urtica urens* (3♀), Galatas-Attica, 17.iv.1996, [K2001], (GRE); *Vicia faba* (9♀2♂), Athens-Attica, 19.v.1997, [K2001], (GRE); **A. fabae solanella** Theobald: on *Solanum nigrum* (18♀14♂), Athens-Attica, 06–10.iv.1997, Skala Oropou-Attica, 29.v.1996, [K2001], (GRE); **A. gossypii** Glover: on *Abelmoschus esculentus* (80♀32♂), Athens-Attica, 17.x.1997, 18.v.1999, [K2001], (GRE); *Abutilon darwinii* (20♀15♂), Athens-Attica, 19.v.1997, [K2001], (GRE); *Chaenomeles japonica* (13♀8♂), Athens-Attica, 25.iv.1999, [K2001], (GRE); *Chamomilla recutita* (2♀), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Citrus aurantium* (116♀51♂), Athens, 21.iv.1997, [K2001], (GRE); *C. deliciosa*, (21♀6♂), Agrinion-Aitoloakarnania, 01.v.1996, [K2001], (GRE); *C. limon* (2♀1♂), Monemvassia-Lakonia, 02.v.1997, [K2001], (GRE); *C. sinensis* (24♀8♂), Nea Kios-Argolis, 15.v.1997, [K2001], (GRE); *Cucumis sativus* (6♀19♂), Athens-Attica, 23.iv.1999, [K2001], (GRE); *Gladiolus italicus* (12♀3♂), Athens-Attica, 27.v.1996, 25.iv.1999, [K2001], (GRE); *Hibiscus mutabilis* (14♀18♂), Athens-Attica, 27.v.1996, 25.iv.1999, [K2001], (GRE); *H. syriacus* (192♀137♂), Athens-Attica, 09.v.1996, Vrahation-Korinthia, 07.v.1996, Thessaloniki-Thessaloniki, 10.v.1999, Kalamata-Messinia, 26.v.1996, [K2001], (GRE); *Lonicera alpigena* (1♀1♂), Athens-Attica, 24.v.1999, [K2001], (GRE); *Nerium oleander* (2♀5♂), Athens-Attica, 01.vi.1996, 25.iv.1999, [K2001], (GRE); *Pyrus communis* (2♀), Athens-Attica, 25.iv.1996, [K2001], (GRE); *Solanum tuberosum* (9♀), Volos-Magnissia, 23.vi.1996, [K2001], (GRE); *Viburnum fragrans* (1♀), Athens-Attica, 25.iv.1999, [K2001], (GRE); **A. nerii** Boyer de Fonscolombe: on *Nerium oleander* (259♀158♂), Athens-Attica, 19.iv.–27.v.1996, 03.iv.1997, Aleksandroupolis-Evros, 08.vi.1999, Corfu-Corfu, (GRE), 09.viii.1996, Komotini-Rodopi, 08.vi.1999, Hania-Hania, 19.v.1997, [K2001], (GRE); **A. parietariae** Theobald: on *Parietaria diffusa* (85♀45♂), Athens-Attica, 03.iv.1997, [K2001], (GRE); **A. punicae** Shinji: on

*Punica granatum* (35♀24♂), Athens-Attica, 12.iv.1997, Ermioni-Argolis, 18.v.1997, Skala Oropou-Attica, 29.v.1996, [K2001], (GRE); **A. ruborum** (Börner): on *Rubus ulmifolius* (1♀), Pilion-Magnissia, 30.v.1997, [K2001], (GRE); **A. spiraeicola** Patch: on *Chaenomeles japonica* (1♀), Athens-Attica, 12.iv.1997, (GRE); *Citrus sinensis* (2♀), Athens-Attica, 25.iv.1999, [K2001], (GRE); *Viburnum tinus* (6♀), Halkis-Evoia, 03.iv.1996, [K2001], (GRE); **A. umbrella** (Börner): on *Malva neglecta* (1♀), Athens-Attica, 04.iv.1996, [K2001]; **A. viticis** Ferrari: on *Vitex agnus-castus* (163♀118♂), Athens-Attica, 03.iv.–22.v.1996, Volos-Magnissia, 10.vi.1997, [K2001], (GRE); **Brachycaudus cardui** (L.): on *Carduus australis* (8♀2♂), Troizina-Attica, 08.v.1997, [K2001], (GRE); *C. pycnocephalus* (1♀), Athens-Attica, 21.iv.1997, [K2001], (GRE); *C. tmoleus* ssp. *armatus* (13♀2♂), Pilion, 30.vi.1997, [K2001], (GRE); *Senecio bicolor* ssp. *cineraria* (9♀), Athens-Attica, 27.iv.1997, Geranion-Hania, 02.xi.1995, [K2001], (GRE); **B. helichrysi** (Kaltenbach): on *Calendula arvensis* (2♀), Athens-Attica, 29.iii.1996, [K2001], (GRE); **Dysaphis apiifolia** (Theobald): on *Smyrniium orphanidis* (1♀), Syros-Kyklades, 15.v.2001, (GRE); **Myzus cerasi** (Fabricius): on *Prunus avium* (2♀), Nymfaia-Rodopi, 08.vi.1999, [K2001], (GRE); **M. persicae** (Sulzer): on *Antirrhinum majus* (2♀), Athens-Attica, 19.iv.1996, [K2001], (GRE); *Capsicum annum* (34♀20♂), Athens-Attica, 18.iv.1996, Heraklion-Heraklion, 14.iii.1997, [K2001], (GRE); *Chaenomeles japonica* (22♀10♂), Athens-Attica, 27.iv.1996, [K2001], (GRE); *Citrus aurantium* (1♀3♂), Athens-Attica, 27.iv.1996, [K2001], (GRE); *Gazania rigens* (5♀), Psari-Messinia, 21.v.1997, [K2001], (GRE); *Gossypium herbaceum* (1♀1♂), Farsala-Karissa, 10.vi.1999, [K2001], (GRE); *Nicotiana tabacum* (19♀17♂), Agrinion-Aitoloakarnania, 14.viii.1996, Tithorea-Fthiotis, 29.viii.1997, [K2001], (GRE); *Raphanus sativus* (6♀6♂), Thessaloniki-Thessaloniki, 11.vii.1996, [K2001], (GRE); *Solanum melongena* (4♀3♂), Athens-Attica, 18.iv.1996, [K2001], (GRE); *Tulipa* sp. (1♀1♂), Athens-Attica, 28.iv.1996, [K2001], (GRE); *Urtica urens* (3♀), Athens-Attica, 28.iv.1996, [K2001], (GRE); *Viburnum tinus* (5♀5♂), Athens-Attica, 30.iii.–09.iv.1997, [K2001]; **M. varians** Davidson: on *Clematis vitalba* (14♀11♂), Athens-Attica, 08.xi.1995, [K2001], (GRE); **Rhopalosiphum padi**

(L.): on *Hordeum murinum* (2 ♀), Athens-Attica, 01.iv.1996, [K2001], (GRE); *Hordeum vulgare* (4 ♀3 ♂), Skala Oropou-Attica, 12.iv.2002, (GRE); ***Toxoptera aurantii*** (Boyer de Fonscolombe): on *Citrus aurantium* (102 ♀47 ♂), Athens-Attica, 17.iv.1997, [K2001], (GRE); *C. deliciosa* (1 ♀1 ♂), Agrinion-Aitolokarnania, 01.v.1996, [K2001], (GRE); *C. limon* (18 ♀♂11), Athens-Attica, 03.v.1995, [K2001], (GRE); *Viburnum tinus* (7 ♀4 ♂), Athens-Attica, 30.iii.–08.iv.1997, [K2001], (GRE).

**(10) *Aphidius eadyi*** Starý, Gonzalez & Hall, 1980

***Acyrtosiphon pisum*** (Harris): on *Medicago sativa* (62 ♀22 ♂), Nigrita, 29.v.1978, leg. PA, Aliartos, 16.v.1976, leg. DG, (GRE); Padina, 30.v.1989, leg. MB, Kovilovo, 19.iv.1992, 03.v.1992, 10.v.1992, 08.vi.1992, 14.vi.1992, 21.vi.1992, 26.vii.1992, 10.viii.1992, 13.ix.1992, 25.iv.1993, 10.v.1993, 05.vi.1993, 11.vi.1993, 24.ix.1993, 14.x.1993, leg. ŽT, (SER), Surčin, 11.v.1993, 23.ix.1993, 30.x.1993, 28.iv.1994, 23.v.1994, Bački Monoštor, 18.vii.1996, Bačka Palanka, 18.vi.1996, Indija, 10.vi.1997, Apatin-Prigrevica, 27.ix.1997, Užice, 23.v.2001, leg. ŽT, (SER).

**(11) *Aphidius eglanteriae*** Haliday, 1834

***Chaetosiphon chaetosiphon*** (Nevsky): on *Rosa* sp. (1 ♀1 ♂), Mt Durmitor-Crno jezero, 05.vii.1995, leg. OP, (SER); ***Chaetosiphon* sp.**: on *Rosa* sp. (2 ♀1 ♂), Mt Beljanica, 03.viii.1996, Đetinja Gorge, 10.vi.2000, leg. ŽT, (SER); ***Longicaudus trirhodus*** (Walker): *Thalictrum minus* ssp. *majus* (4 ♀2 ♂), Mt Beljanica, 12.vii.1998, Mt Beljanica-Suvaja, 13.vii.1998, leg. ŽT, (SER); *Thalictrum aquilegifolium* (2 ♀2 ♂), Mt Durmitor-Indina dolina, 14.vii.2000, leg. ŽT, (MNG).

**(12) *Aphidius ervi*** Haliday, 1834

***Acyrtosiphon pisum*** (Harris): on *Lathyrus clymenum* (1 ♀), Athens-Attica, 23.iv.1997, [K2001], (GRE); *Lens culinaris* (1 ♀), Athens-Attica, 09.iv.1996, [K2001], (GRE); *Medicago sativa* (269 ♀178 ♂), Obrenovac, 10.v.1989, leg. OP, Padina, 30.v.1989, leg. MB, Kovilovo, 19.iv.1992, 23.iv.1992, 03.v.1992, 10.v.1992, 31.v.1992, 08.vi.1992, 14.vi.1992, 21.vi.1992, 09.vii.1992, 15.vii.1992, 26.vii.1992, 27.ix.1992, 10.v.1993, 05.vi.1993, 11.vi.1993, 15.vii.1993, Užice-Duboko, 25.v.1992, Surčin, 11.v.1993, 17.v.1993, 19.vi.1993, 28.vii.1993, 30.x.1993, 28.iv.1994, 23.v.1994, 28.iv.1995, Kosmaj-Babe, 24.v.1995,

Perlez, 23.vi.1997, Indija, 10.vi.1997, Kač, 10.vi.1997, Titel-Vilovo, 10.vi.1997, Novi Sad-Šajkaš, 10.vi.1997, Obedska bara, 07.vi.1997, Uzdin, 22.vi.1997; Apatin-Prigrevica, 27.ix.1997, Belgrade-Radmilovac, 10.v.1998, Užice, 20.vi.2001, leg. ŽT, (SER), Athens-Attica, 19.v.–23.vii.1997, Amalias-Ilia, 12.v.1996, Galatas-Attica, 17.iv.1997, [K2001], (GRE); *Melilotus alba* (1 ♀), Athens-Attica, 23.iv.1997, [K2001], (GRE); *Pisum sativum* (19 ♀5 ♂), Smederevska Palanka, 13.vi.1995, Padej, 23.vi.1997, Titel-Vilovo, 10.vi.1997, (SER); *Trifolium nigrescens* (7 ♀), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *T. pratense* (2 ♀1 ♂), Grocka, 22.vi.1995, leg. ŽT, (SER); *T. pratense* (SER); Unknown plant, Sofia, vii.1990, leg. PAT, (BUL); *Vicia benghalensis* (6 ♀), Athens-Attica, 23.vii.1997, [K2001], (GRE); *V. faba* (1 ♀2 ♂), Smederevska Palanka, 07.vi.1995, leg. ŽT, (SER); on *Vicia* sp. (1 ♂), Obrenovac, 01.vi.1989, leg. OP, (SER); *V. narbonensis* (1 ♀1 ♂), Athens-Attica, 23.iv.1997, [K2001], (GRE); *V. sativa* (2 ♀), Athens-Attica, 04.iv.1996; *V. villosa* (4 ♀), Athens-Attica, 23.iv.1996, [K2001], (GRE); ***Acyrtosiphon* sp.**: on *Trifolium montanum* (1 ♂), Mt Durmitor-Sušica, 05.vii.1998, leg. ŽT, (MNG); ***Aulacorthum solani*** (Kaltenbach): on *Malva neglecta* (1 ♀), Pilion-Magnissia, 30.v.1996, [K2001], (GRE); *Pedicularis brachyodonta* (1 ♀), Mt Šara-Jožinačko jezero, 26.vii.1995, leg. OP, (SER); ***Diuraphis noxia*** (Kurdjumov): on *Hordeum vulgare* (1 ♀), Kanjiža, 07.vi.1995, leg. OP, (SER); ***Hyperomyzus lactucae*** (L.): on *Sonchus* sp., Patrai-Ahaia, 08.vi.1981, leg. PA, (GRE); ***Macrosiphum cholodkovskyi*** (Mordvilko): on *Filipendula ulmaria* (9 ♀9 ♂), Mt Durmitor-Crno jezero, 30.vi.2001, leg. ŽT, (MNG); ***Macrosiphum euphorbiae*** (Thomas): on *Galega officinalis* (1 ♀), Surčin, 28.v.1998, leg. OP, (SER); *Solanum tuberosum* (7 ♀3 ♂), Livanatai-Fthiotis, 06.vi.1996, [K2001], (GRE); ***Metopolophium dirhodum*** (Walker): on *Avena sativa* (1 ♀), Sjenica, 19.vii.1991, leg. OP, (SER); *A. sterilis* (27 ♀38 ♂), Galatas-Attica, 09.v.1997, [K2001], (GRE); *Avena* sp. (1 ♀), Zemun, 15.vi.1989, leg. OP, (SER); *Hordeum vulgare* (2 ♀1 ♂), Kanjiža, 08.vi.1995, Stara Pazova, 10.vi.1997, leg. ŽT, (SER); *T. aestivum* (5 ♀4 ♂), Kovilovo, 27.iv.1990, 24.v.1990, 12.vi.1990, 22.v.1993, Surčin, 15.vi.1990, 28.v.1998, leg. OP, (SER); ***Microlophium carnosum*** (Buckton): on *Urtica pilulifera* (2 ♀),

Athens-Attica, 29.iii.1997, [K2001], (GRE); *Myzus persicae* (Sulzer): on *Gossypium herbaceum* (1 ♀), Farsala-Larissa, 10.vi.1999, [K2001], (GRE); *Nicotiana tabacum* (3 ♀), Tithorea-Fthiotis, 10.vi.1996, [K2001], (GRE); *Rhopalosiphum padi* (L.): on *Hordeum vulgare* (1 ♀1 ♂), Athens-Attica, 4.iv.1996, [K2001], (GRE); Poaceae (1 ♀), Zemun, 22.i.1991, leg. OP, (SER); *Schizaphis graminum* (Rondani): on *T. aestivum* (1 ♀), Obrenovac, 15.vi.1989, leg. OP, (SER); *Sitobion avenae* (Fabricius): on *Dactylis glomerata* (1 ♀1 ♂), Debeli Lug, 09.vi.1990, leg. OP, (SER); *Festuca* sp. (1 ♀1 ♂), Mt Šara-Jažinovačko jezero, 26.vii.1995, leg. OP, (SER); *Hordeum murinum* (1 ♀3 ♂), Belgrade-Crveni krst, 14.vi.1997 leg. ŽT, (SER); *Hordeum vulgare* (4 ♀), Kanjiža, 08.vi.1995, Kovilovo, 15.v.1997, leg. ŽT, (SER); *Hordeum* sp. (3 ♀), Surčin, 25.v.1989, 07.vi.1989, Zemun, 21.vi.1989, leg. OP, (SER); on *Secale* sp. (1 ♀), Zemun, 30.v.1989, leg. OP, (SER); on *Setaria verticillata* (3 ♀), Smederevo, 20.x.1991, Lugavčina, 20.x.1991, leg. OP, (SER); *Triticum durum* (24 ♀18 ♂), Kopais-Voiotia, 29.v.1997, [K2001], (GRE); *T. aestivum* (48 ♀33 ♂), Obrenovac, 05.v.1989, 10.v.1989, 01.vi.1989, 08.vi.1989, 15.vi.1989, 07.vi.1990, 14.vi.1990, Kovilovo, 10.v.1989, 31.v.1989, 09.vi.1989, 27.iv.1990, 24.v.1990, 31.v.1990, 12.vi.1990, leg. OP, 22.v.1993, 28.v.1993, 03.vi.1993, leg. ŽT, Kraljevo, 18.vi.1989, Surčin, 26.iv.1990, 03.v.1990, 08.v.1990, 19.v.1990, 29.v.1990, 05.vi.1990, leg. OP, 04.vi.1993, 12.vi.1993, 19.vi.1993, leg. ŽT, Debeli Lug, 09.vi.1990, Ražanj, 11.vi.1990, Majdan, 25.v.1990, Rajac, 18.v.1990, leg. OP, Titel-Đurđevo, 10.vi.1997, Smederevska Palanka, 13.vi.1997, Kovilovo, 16.vi.1993, leg. ŽT, (SER), Toševo, 01.ix.1979, leg. KO, (BUL), Xanthi, 24.v.1989, Thessaloniki, 25.vi.1989, leg. MS, (GRE); Unknown plant, Athens, iv.1979, leg. GS, (GRE); *Sitobion fragariae* (Walker): on *Festuca* sp. (1 ♀), Žabljak, 04.viii.1992, leg. OP, (MNG); *Sitobion* sp.: on *Dactylis glomerata* (1 ♀), Mt Durmitor-Sušica, 03.vii.1998, leg. ŽT, (MNG).

(13) *Aphidius funebris* Mackauer, 1961

*Uroleucon aeneum* (Hille Ris Lambers): on *Carduus australis* (24 ♀13 ♂), Agrinion-Aitolokarmania, 12.v.1997, Nea Kios-Argolis, 15.v.1997, [K2001], (GRE); *C. crispus* (19 ♀5 ♂), Neapolis-Kozani, 27.v.1997, [K2001], (GRE); *C. pycnocephalus* (12 ♀19 ♂), Athens-Attica, 03.iv.1997,

Kastoria-Kastoria, 27.v.1999, [K2001], (GRE); *C. tmoleus* ssp. *armatus* (13 ♀7 ♂), Pilion-Magnissia, 29.v.1997, [K2001], (GRE); *Carlina corymbosa* (47 ♀30 ♂), Koutson-Ksanthi, (GRE), 06.vi.1999, [K2001], (GRE); *Cirsium vulgare* (2 ♀), Kyparissia-Messinia, 03.vi.1996, [K2001], (GRE); *Uroleucon chondrillae* (Nevsky): on *Reichardia intermedia* (2 ♀10 ♂), Marathon-Attica, 14.iv.1995, [K2001], (GRE); *Uroleucon cichorii* (Koch) on *Cichorium intybus* (27 ♀36 ♂), Belgrade-Topčider, 24.vi.1995, Užice-Trešnjica, 23.vii.1996, Surčin, 08.vi.1997, Kač, 10.vi.1997, Novi Sad, 10.vi.1997, Besni Fok, 10.vi.1997, Stara Pazova, 10.vi.1997, Grocka, 12.vi.1997, leg. ŽT, (SER); *Uroleucon cichorii grossum* (Hille Ris Lambers): on *Crepis biennis* (3 ♂), Petrovčić, 07.vi.1997, Mt Zlatar-Radoinsko jezero, 19.vi.1998, leg. ŽT, (SER); *Uroleucon daronici* (Börner): on *Doronicum austriacum* (4 ♀5 ♂), Mt Kopaonik-Samokovka, 06.viii.2000, leg. ŽT, (SER); *D. columnae* (27 ♀13 ♂), Pilion-Magnissia, 30.v.1997, [K2001], (GRE); *Uroleucon jaceae* (L.): on *Carlina corymbosa* ssp. *graeca* (9 ♀1 ♂), Kyparissia-Messinia, 29.v.1997, [K2001], (GRE); on *Centaurea* sp. (1 ♀), Mt Beljanica-Resava, 11.vii.1998, leg. ŽT, (SER); *Uroleucon murale* (Buckton): on *Mycelis muralis* (1 ♀), Mt Durmitor, 27.ix.1991, leg. OP, (MNG); *Uroleucon solidaginis* (Fabricius): on *Solidago virgaurea* (2 ♀4 ♂), Mt Kopaonik-Marine vode, 04.vii.2000, leg. ŽT, (SER); *Uroleucon sonchi* (L.): on *Sonchus arvensis* (8 ♀13 ♂), Belgrade-Dušanovac, 05.vi.1993, Virpazar-Vranjina, 30.iv.2001, leg. ŽT, (SER, MNG); *S. asper* (15 ♀14 ♂), Nea Kios-Argolis, 15.v.1997, [K2001], (GRE); *S. oleraceus* (43 ♀33 ♂), Čenta, 10.vi.1997, Besni Fok, 10.vi.1997, Belgrade-Jajinci, 03.x.1999, leg. ŽT, (SER), Athens-Attica, 02.iv.1997, Aiginion-Pieria, 08.v.1999, Ehinoksanthi, 06.vi.1999, Nafplion-Argolis, 15.v.1997, Pilion-Magnissia, 29.v.1997, Skala Oropou-Attica, 06.iv.1997, [K2001], (GRE); *S. palustris* (6 ♀), Thessaloniki-Thessaloniki, 23.v.2002, (GRE); *Sonchus* sp., Patrai-Ahaia, 01.vi.1981, leg. PA, (GRE); *Uroleucon* spp.: on *Campanula rapunculus* (1 ♀), Rajac, 22.v.1992, leg. OP, (SER); *Carduus acanthoides* (4 ♀), Mt Durmitor-Zminičko jezero, 04.vii.1998, leg. ŽT, (MNG); *C. crispus* (18 ♀3 ♂), Athens-Attica, 19.v.1997, [K2001], (GRE); *Centaurea jacea* (1 ♂), Vlasinsko jezero, 24.vii.1990, leg. OP, (SER); *Cichorium intybus*

(35 ♀21 ♂), Obrenovac, 14.vi.1990, Mt Zlatar-Uvac, 21.vi.1998, leg. ŽT, (SER); *Crepis biennis* (4 ♀8 ♂), Crepaja, 22.vi.1997, leg. ŽT, (SER); *C. neglecta* (14 ♀14 ♂), Kyparissia-Messinia, 03.vi.1996, [K2001], (GRE); *Crepis* sp. (34 ♀7 ♂), Vlasinsko jezero, 20.vii.1990, Mt Zlatar-Kokin Brod, 19.vi.1998, Mt Zlatar-Akmačići, 21.vi.1998, (SER), Mt Durmitor-Ivan do, 06.vii.1998, 30.vi.2002, Kolašin-Tara, 23.vii.2001, leg. ŽT, (MNG); *Mycelis muralis* (5 ♀), Mt Durmitor, 05.viii.1992, Mt Durmitor-Crno jezero, 30.vi.2001, leg. OP, (MNG).

**(14) *Aphidius galii***<sup>###</sup> Tomanović & Kavallieratos, 2002

***Liniosiphon* sp.:** on *Galium lucidum* (6 ♀5 ♂), Mt Durmitor-Crno jezero, 30.vi.2001, leg. ŽT, [TK2002], (MNG); *Galium schultesii* (18 ♀8 ♂), Mt Durmitor-Crno jezero, 30.vi.2002, Mt Durmitor-Jezerska gora, 01.vii.2002, leg. ŽT, (MNG).

**(15) *Aphidius hieraciorum*** Starý, 1962

***Nasonovia* sp.** (Mosley): on *Hieracium* spp. (23 ♀9 ♂), Mt Durmitor-Crno jezero, 01.vii.1998, 30.vi.2001, Mt Durmitor-Zminje jezero, 02.vii.1998, 13.vii.2000, Mt Durmitor-Mioč poljana, 14.vii.2000, (MNG), Mt Kopaonik-Ledenica, 03.vii.2000, Mt Kopaonik-Samokovka, 08.vii.2000, Mt Kopaonik-Marine vode, 05.vii.2000, leg. ŽT, (SER); *Hieracium murorum* (16 ♀4 ♂), Mt Durmitor-Ivan do, 30.vi.2002, leg. ŽT, (MNG).

**(16) *Aphidius hortensis*** Marshall, 1896

***Liosomaphis berberidis*** (Kaltenbach): on *Berberis vulgaris* (21 ♀14 ♂), Belgrade-Botanical Garden, 02.v.1998, 24.vi.1999, Stražilovo, 27.v.1998, New Belgrade (45), 13.v.2000, leg. ŽT, (SER); on *Mahonia aquifolium* (1 ♀4 ♂), Petnica, 17.v.1998, leg. ŽT, (SER).

**(17) *Aphidius liniosiphonis*** Tomanović & Starý, 2001

***Liniosiphon* sp.:** on *Galium sylvaticum* (5 ♀11 ♂), Mt Tara-Derвента Canyon, 31.v.1998, leg. ŽT, [TS2001], (SER).

**(18) *Aphidius matricariae*** Haliday, 1834

***Aphis craccivora*** Koch: on *Melilotus officinalis* (2 ♀14 ♂), Nafplion-Argolis, 24.iv.1997, [K2001], (GRE); ***Aphis fabae*** Scopoli: on *Chenopodium glaucum* (10 ♀19 ♂), Nafplion-Argolis, 24.iv.1997, [K2001], (GRE); *Euonymus japonicus* c.v. Albo marginatus (4 ♀5 ♂), Athens-Attica, 23.v.1996, [K2001], (GRE); *Euonymus japonicus* (10 ♀6 ♂), Athens-Attica, 23.v.1996, [K2001], (GRE); *Galium*

*aparine* (1 ♀), Skala Oropou-Attica, 06.iv.1997, [K2001], (GRE); ***Aphis fabae cirsiacanthoidis*** Scopoli: on *Carduus australis* (1 ♀), Kopais-Voio-tia, 27.v.1997, [K2001], (GRE); ***Aphis fabae solanella*** Theobald: on *Solanum nigrum* (3 ♀7 ♂), Athens-Attica, 07.vi.1996, Skala Oropou-Attica, 06.iv.1996, [K2001], (GRE); ***Aphis gossypii*** Glover: on *Capsella bursa-pastoris* (8 ♀17 ♂), Athens-Attica, 25.iv.1996, [K2001], (GRE); *Citrus aurantium* (13 ♀7 ♂), Athens-Attica, 21.iv.1996, [K2001], (GRE); *C. deliciosa* (1 ♀5 ♂), Agrinion-Aitolokarnania, 01.v.1996, [K2001], (GRE); *C. sinensis* (5 ♀), Nea Kios-Argolis, 26.v.1997, [K2001], (GRE); *Duranta plumieri* (12 ♀), Athens-Attica, 23.v.1996, [K2001], (GRE); *Gladiolus italicus* (2 ♀9 ♂), Athens-Attica, 27.v.1996, 25.iv.1999, [K2001], (GRE); *Hibiscus syriacus* (26 ♀10 ♂), Athens-Attica, 09.v.1996, 18.v.1999, [K2001], (GRE); *Lapsana communis* (2 ♀), Amalias-Attica, 12.v.1996, [K2001], (GRE); *Pyrus communis* (2 ♀), Athens-Attica, 25.iv.1996, [K2001], (GRE); *Malva neglecta* (11 ♀), Athens-Attica, 23.v.1996, [K2001], (GRE); *Nerium oleander* (3 ♀5 ♂), Athens-Attica, 23.v.1996, 18.v.1999, [K2001], (GRE); *Solanum tuberosum* (7 ♀), Volos-Magnissia, (GRE), 23.vi.1996, [K2001], (GRE); ***Aphis intybi*** Koch: on *Cichorium intybus* (1 ♀1 ♂), Belgrade-Topčider, 24.vi.1995, leg. ŽT, (SER); ***Aphis parietariae*** Theobald: on *Parietaria diffusa* (1 ♀1 ♂), Athens-Attica, 03.iv.1997, [K2001], (GRE); ***Aphis ruborum*** (Börner): on *Rubus ulmifolius* (6 ♀4 ♂), Amalias-Ilia, 12.v.1996, Pilion-Magnissia, 30.v.1997, [K2001], (GRE); ***Aphis spiraeicola*** Patch: on *Senecio bicolor* ssp. *cineraria* (3 ♀), Athens-Attica, 07.vi.1996, [K2001], (GRE); ***Aphis umbrella*** (Börner): on *Malva neglecta* (14 ♀9 ♂), Athens-Attica, 02–09.iv.1996, Kopais-Voio-tia, 11.iv.1997, [K2001], (GRE); *M. sylvestris* (4 ♀9 ♂), Marathon-Attica, 14.iv.1995, [K2001], (GRE); ***Aphis urticata*** Gmelin: on *Urtica dioica* (2 ♀), Pilion-Magnissia, 29.v.1997, [K2001], (GRE); ***Aphis* sp.:** on *Lamium* sp. (1 ♂), Lugavčina, 01.v.1990, leg. OP, (SER); *Clematis jackmanii* (2 ♀2 ♂), Belgrade-Dušanovac, 14.vi.1995, leg. ŽT, (SER); *Galium aparine* (1 ♀3 ♂), Radmilovac, 18.v.2001, leg. ŽT, (SER); *Lycium europaeum* (26 ♀15 ♂), Belgrade-Dušanovac, 06.v.1995, leg. ŽT, (SER); *Vinca minor* (3 ♀7 ♂), Athens-Attica, 21.iv.1995, [K2001], (GRE); ***Aulacorthum solani*** (Kaltenbach): on *Capsicum annuum* (1 ♀), Skydra-Pella, 28.ii.1997,

[K2001], (GRE); *Malva neglecta* (4 ♀1 ♂), Athens-Attica, 02–04.iv.1996, [K2001], (GRE); *Salvia splendens* (2 ♀), Athens-Attica, 22.v.1996, [K2001], (GRE); ***Brachycaudus amygdalinus*** (Schouteden): on *Prunus dulcis* (3 ♀), Athens-Attica, 02.v.1997, Ermioni-Argolis, 28.iv.1997, [K2001], (GRE); ***Brachycaudus cardui*** (L.): on *Calendula arvensis* (7 ♀2 ♂), Athens-Attica, 22.v.1996, [K2001], (GRE); *Carduus australis* (1 ♀8 ♂), Nea Kios-Argolis, 22.iv.1996, Troizina-Attica, 17.iv.1997, [K2001], (GRE); *C. crispus* (12 ♀8 ♂), Athens-Attica, 17.iv.1997, [K2001], (GRE); *C. nutans* (1 ♀), Galatas-Attica, 22.iv.1997, [K2001], (GRE); *C. pycnocephalus* (17 ♀20 ♂), Athens-Attica, 01–21.iv.1997, [K2001], (GRE); *C. tmoleus* ssp. *armatus* (14 ♀6 ♂), Pilion-Magnissia, 30.v.1997, [K2001], (GRE); *Onopordum illyricum* (1 ♀1 ♂), Athens-Attica, 22.iv.1997, [K2001], (GRE); *Prunus cerasifera* (1 ♂), Belgrade, 07.v.1995, (SER); *Senecio bicolor* ssp. *cineraria* (5 ♀), Athens-Greece, 23.v.1996, 27.iv.1997, [K2001], (GRE); *S. vernalis* (2 ♀), Virpazar-Vranjina, 30.iv.2001, leg. ŽT, (MNG); ***Brachycaudus helichrysi*** (Kaltenbach): on *Calendula arvensis* (16 ♀7 ♂), Athens-Attica, 28–29.iii.1996, [K2001], (GRE); *Carduus australis* (5 ♀1 ♂), Galatas-Attica, 17.iv.1997, [K2001], (GRE); *C. crispus* (2 ♀), Athens-Attica, 03.iv.1997, [K2001], (GRE); *Carlina corymbosa* ssp. *graeca* (19 ♀38 ♂), Nea Kios-Argolis, 22.iv.1996, [K2001], (GRE); *Chamomilla recutita* (21 ♀18 ♂), Athens-Attica, 30.iii.1996, [K2001], (GRE); *Chrysanthemum coronarium* (7 ♀6 ♂), Athens-Attica, 28.iii.–12.iv.1996, Nafplion-Argolis, 22.iv.1996, Halkis-Evoia, 03.iv.1996, [K2001], (GRE); *Chrysanthemum uliginosum* (18 ♀37 ♂), Nafplion-Argolis, 22.iv.1996, [K2001], (GRE); *Cirsium creticum* (14 ♀9 ♂), Athens-Attica, 09.v.1996, Amalias-Ilia, 12.v.1996, [K2001], (GRE); *C. italicum* (1 ♀1 ♂), Skala Oropou, 06.iv.1997, [K2001], (GRE); *C. tuberosum* (5 ♀16 ♂), Nea Kios-Argolis, 22.iv.1996, [K2001], (GRE); *C. vulgare* (10 ♀2 ♂), Athens-Attica, 10.iv.1997, [K2001], (GRE); *Citrus aurantium* (3 ♀), Athens-Attica, 05.v.1997, [K2001], (GRE); *C. limon* (2 ♀), Paros-Kyklades, 21.v.1997, [K2001], (GRE); *Cynoglossum creticum* (9 ♀3 ♂), Galatas, 17.iv.1997, [K2001], (GRE); *Gazania rigens* (2 ♀7 ♂), Athens-Greece, 30.iii.1996, [K2001], (GRE); *Leucanthemum vulgare* (33 ♀20 ♂), Agrinion-Aitoloakarnania, 12.v.1997,

Athens-Attica, 22–25.iv.1996, [K2001], (GRE); *Silybum marianum* (10 ♀8 ♂), Messologgion-Aitoloakarnania, 28.iv.1997, Nea Kios-Argolis, 04.iv.1997, [K2001], (GRE); *Solidago virgaurea* (1 ♀), Mt Kopaonik-Marine vode, 04.vii.2000, leg. ŽT, (SER); *Stellaria media* (1 ♀), Nafplion-Argolis, 22.iv.1996, [K2001], (GRE); ***Capitophorus cardui-nus*** (Walker): on *Cirsium vulgare* (1 ♂), Mt Šara-Durlov potok, 15.vii.1995, leg. OP, (SER); ***Capitophorus elaeagni*** (Del Guercio): on *Carduus crispus* (81 ♀19 ♂), Athens-Attica, 03.iv.1997, [K2001], (GRE); ***Capitophorus hippophaes*** (Walker): on *Polygonum* sp. (2 ♂), Bački Monoštor, 21.vii.1996, leg. OP, (SER); ***Capitophorus inulae*** (Passerini): on *Dittrichia viscosa* (64 ♀36 ♂), Kyparissia-Messinia, 21.v.1997, Galatas-Attica, 17.iv.1997, [K2001], (GRE); *Inula conyza* (7 ♀5 ♂), Amalias-Ilia, 15.iv.1997, [K2001], (GRE); ***Capitophorus* spp.:** on *Polygonum persicaria* (3 ♀5 ♂), Vlasinsko jezero, 21.vii.1990, leg. OP, (SER); *Cirsium arvense* (2 ♀2 ♂), Kovilovo, 08.vii.1992, leg. ŽT, (SER); ***Diuraphis noxia*** (Kurdjumov): on *Hordeum vulgare*, Skopje, v.1989, leg. KPC, (FYRM); ***Dysaphis plantaginea*** (Passerini): on *Pyrus communis* (4 ♀6 ♂), Athens-Attica, 27.iv.1996, Argastiri-Hania, 17.v.1999, [K2001], (GRE); ***Lipaphis erysimi*** (Kaltenbach): on *Erysimum graecum* (2 ♀5 ♂), Marathon-Attica, 14.iv.1995, [K2001], (GRE); *Sisymbrium orientale* (3 ♀5 ♂), Galatas-Attica, 17.iv.1997, [K2001], (GRE); ***Myzus cerasi*** (Fabricius): on *Prunus avium* (9 ♀2 ♂), Nymfaia-Rodopi, (GRE), 08.vi.1999, Farsala-Larissa, 10.vi.1999, [K2001], (GRE), Belgrade-Dušanovac, 06.vi.1995, leg. ŽT, (SER); *P. cerasus* (10 ♀13 ♂), Farsala-Larissa, 10.vi.1999, [K2001], (GRE), Belgrade, 07.v.1995, Belgrade-Vidikovac, 06.v.2001, leg. OP, (SER); ***Myzus cymbalariae*** Stroyan: on *Cymbalaria muralis* (1 ♀), Belgrade, 10.v.1998, leg. OP, (SER); ***Myzus langei*** (Börner) on *Galium lucidum* (2 ♀2 ♂), Mt Durmitor-Zminje jezero, 03.vii.1995, leg. OP, (MNG); ***Myzus lythri*** (Schr.): on *Lythrum salicaria* (1 ♀), Bački Monoštor, 16.vii.1996, leg. OP, (SER); ***Myzus persicae*** (Sulzer): on *Antirrhinum majus* (264 ♀123 ♂), Athens-Attica, 16–19.iv.1996, [K2001], (GRE); *Calendula arvensis* (3 ♀4 ♂), Athens-Attica, 28.iii.1996, [K2001], (GRE); *Cap-sicum annuum* (42 ♀42 ♂), Belgrade, 17.vi.1993, leg. OP, (SER), Velestinon-Magnissia, 10.vi.1999, Herakleion-Herakleion, 14.iii.1997, Mintilogli-



Ahaia, 22.iv.1997, Skydra-Pella, 27.ii.1997, [K2001], (GRE); *Cardaria draba* (5 ♀1 ♂), Athens-Attica, 26.iii.–22.iv.1996, Nea Kios-Argolis, [K2001], (GRE); *Carduus crispus* (1 ♀), Athens-Attica, 01.iv.1997, [K2001], (GRE); *Chaenomeles japonica* (9 ♀7 ♂), Athens-Attica, 08.xi.1995, [K2001], (GRE); *Chamomilla recutita* (2 ♀3 ♂), Athens-Attica, 30.iii.–26.iv.1996, [K2001], (GRE); *Chrysanthemum coronarium* (17 ♀8 ♂), Athens-Attica, 25.iii.1996, [K2001], (GRE); *Citrus aurantium* (7 ♀7 ♂), Athens-Attica, 27.iv.1996, [K2001], (GRE); *Malva neglecta* (80 ♀43 ♂), Athens-Attica, 06.iv.–09.v.1996, Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Nicotiana tabacum* (26 ♀17 ♂), Agrinion-Aitoloakarnania, 14.viii.1997, Amfikleia-Fthiotis, 31.viii.1995, Katerini-Pieria, 20.viii.1995, Tithorea-Fthiotis, 22.vii.1996, [K2001], (GRE), Plovdiv, 1979, leg. DI, (BUL); *Phacelia tanacetifolia* (10 ♀4 ♂), Athens-Attica, 09.iv.1996, [K2001], (GRE); *Prunus persica* (9 ♀4 ♂), Skydra-Pella, 20.vi.1996, 01.vi.1997, [K2001], (GRE); *P. cerasifera* (3 ♀1 ♂), Belgrade-Konjarnik, 21.iv.1995, Belgrade, 12.vi.1995, leg. OP, (SER); *Raphanus sativus* (10 ♀7 ♂), Thessaloniki-Thessaloniki, 11.vii.1996, [K2001], (GRE); *Rumex crispus* (24 ♀17 ♂), Kozani-Kozani, 28.v.1999, [K2001], (GRE); *Sisymbrium irio* (1 ♀), Loutsia-Attica, 09.iv.1996, [K2001], (GRE); *S. orientale* (2 ♀4 ♂), Galatas-Attica, 30.iv.1997, [K2001], (GRE); *Solanum tuberosum* (3 ♀2 ♂), Belgrade-M.M.Lug, leg. MB, (SER); *Tulipa* sp. (2 ♀14 ♂), Athens-Attica, 11.iv.1996, [K2001], (GRE); *Urtica urens* (217 ♀136 ♂), Athens-Attica, 12–28.iv.1996, 01–09.iv.1997, [K2001], (GRE); *Viola* sp. (189 ♀107 ♂), New Belgrade (62), 10.v.2001, leg. ŽT, (SER); *Myzus varians* Davidson: on *Clematis vitalba* (12 ♀4 ♂), Athens-Attica, 08.xi.1995, [K2001], (GRE); *Myzus* sp.: *Stellaria media* (1 ♀), Belgrade-Radmilovac, 09.v.1998, leg. ŽT, (SER); *Ovatus crataegarius* (Walker): on *Mentha spicata* (2 ♀), Nafplion-Argolis, 03.vi.1996, [K2001], (GRE); *Crataegus monogyna* (31 ♀19 ♂), Kyparissia-Messinia, 04–24.iv.1997, [K2001], (GRE); *Ovatus insitus* (Walker): on *Crataegus monogyna* (10 ♀1 ♂), Kyparissia-Messinia, 03.vi.1996, [K2001], (GRE); *Ovatus mentharius* (Van der Goot): on *Mentha* sp. (2 ♀), Bački Monoštor, 21.vii.1996, leg. OP, (SER); *Phorodon humuli* (Schrank): on *Humulus lupulus* (5 ♂), Belgrade-Dušanovac, 27.v.1995, leg. ŽT, (SER); on *Prunus*

*cerasifera* (3 ♀), New Belgrade, 17.vi.1993, leg. OP, (SER); *Rhopalosiphum maidis* (Fitch): on *Bromus madritensis* (1 ♀2 ♂), Athens-Attica, 29.iii.1996, [K2001], (GRE); *Hordeum distichon* var. *nudum* (3 ♀), Athens-Attica, 04.iv.1996, [K2001], (GRE); *H. murinum* (2 ♀4 ♂), Athens-Attica, 01–20.iv.1997, [K2001], (GRE); *H. vulgare* (2 ♀), Athens-Attica, 28.iii.1996, [K2001], (GRE); *Rhopalosiphum nymphaeae* (L.): on *Alisma platago-aquatica* (2 ♂), Belgrade-Ratno ostrvo, 09.vi.1997, leg. OP, (SER); *Rhopalosiphum padi* (L.): on *Bromus madritensis* (45 ♀27 ♂), Athens-Attica, 29.iii.–02.iv.1996, [K2001], (GRE); *B. ramosus* (1 ♀1 ♂), Nea Kios-Argolis, 20.iv.1996, 24.iv.1997, [K2001], (GRE); *Hordeum distichon* (5 ♀), Athens-Attica, 29.iii.1996, [K2001], (GRE); *H. murinum* (169 ♀117 ♂), Athens-Attica, 01–20.iv.1996, 01.iv.1997; *H. vulgare* (10 ♀6 ♂), Athens-Attica, 28.iii.–04.iv.1996, [K2001], (GRE); *Lolium perenne* (12 ♀10 ♂), Neohorion-Ilia, 27.iv.1997, [K2001], (GRE); *Piptatherum miliaceum* (1 ♀), Kopais-Voiotia, 25.xi.1996, [K2001], (GRE); *Triticum durum* (18 ♀5 ♂), Athens-Attica, 04.iv.1996, [K2001], (GRE); *Sitobion avenae* (Fabricius): on *Hordeum vulgare* (1 ♀), Kopais-Voiotia, 03.iv.1996, [K2001], (GRE); *Sitobion fragariae* (Walker): on *Avena sterilis* (33 ♀19 ♂), Athens-Attica, 30.iii.–09.v.1996, [K2001], (GRE); *Bromus madritensis* (34 ♀6 ♂), Athens-Attica, 29.iii.–02.iv.1996, [K2001], (GRE); *B. ramosus* (2 ♀1 ♂), Athens-Attica, 09.v.1996, [K2001], (GRE); *B. sterilis* (1 ♀18 ♂), Athens-Attica, 28.iii.1996, [K2001], (GRE); *Hordeum murinum* (49 ♀25 ♂), Athens-Attica, 11.iv.–09.v.1996, [K2001], (GRE); *Piptatherum miliaceum* (6 ♀1 ♂), Athens-Attica, 09.v.1996, Dasia-Corfu, (GRE), 11.iv.1999, [K2001], (GRE); *Toxoptera aurantii* (Boyer de Fonscolombe): on *Citrus aurantium* (7 ♀16 ♂), Athens-Attica, 08.iv.1997, [K2001], (GRE); *C. deliciosa* (2 ♀), Agrinion-Aitoloakarnania, 01.v.1996, [K2001], (GRE).

(19) *Aphidius microlophii* Pennacchio & Tremblay, 1986

*Microlophium carnosum* (Buckton): on *Urtica dioica* (28 ♀12 ♂), Debeli Lug, 09.vi.1990, leg. OP, Belgrade-Dušanovac, 29.v.1993, leg. ŽT, Belgrade-M.M.Lug, 19.v.1994, leg. MB, Užice-Ponikovica, 01.vi.1997, Obedska bara, 07.vi.1997, Belgrade-Košutnjak, 26.iv.1998, Belgrade, 06.v.1998, leg. ŽT, (SER); on *Urtica* sp. (8 ♀2 ♂), leg. ŽT, (SER),

MNG).

**(20) *Aphidius cf. pelargonii*** Starý & Carver, 1979

*Acyrtosiphon malvae* (Mosley): on *Geranium pyrenaicum* (19 ♀22 ♂), Mt Zlatibor-Bela zemlja, 28.vi.1999, Mt Durmitor-Zminje jezero, 14.vii.2000, leg. ŽT, (SER, MNG); *G. caeruleatum* (4 ♀2 ♂), Mt Durmitor-Mali Medjed, 18.vii.2000, leg. ŽT, (MNG); *Geranium* spp. (20 ♀17 ♂), Mt Kopaonik-Marine vode, 06.vii.2000, Mt Kopaonik-Samokovka, 09.vii.2000, (SER), Mt Durmitor-Bosača, 16.vii.2000, Mt Durmitor-Mlinski potok, 13.vii.2000, Mt Durmitor-Zminje jezero, 13.vii.2000, leg. ŽT, (MNG).

**(21) *Aphidius phalangomyzi*** Starý, 1963

*Macrosiphoniella oblonga* (Mordvilko): on *Artemisia vulgaris* (1 ♀), Bački Monoštor, 13.vi.1996, leg. OP, Belgrade-Tošin bunar, 01.viii.2000, leg. ŽT, (SER).

**(22) *Aphidius rhopalosiphii*** De Stefani, 1962

*Diuraphis noxia* (Kurdjumov): on *Hordeum vulgare*, Skopje, v.1989, leg. KPC, (FYRM); *Triticum aestivum*, Ptolemais-Florina, 20.vi.1989, leg. MS, (GRE); *Metopolophium dirhodum* (Walker): on *Avena sativa*, (4 ♀1 ♂), Zemun, 26.v.1989, 28.v.1989, 05.vi.1989, 21.vi.1989, leg. OP, Nova Pazova, 10.vi.1997, leg. ŽT, (SER); *Hordeum vulgare* (1 ♂), Belgrade-Crveni krst, 06.vi.1997, leg. ŽT, (SER); *Poa trivialis* (2 ♀2 ♂), Petnica, 18.v.1998, leg. ŽT, (SER); *Triticum aestivum* (17 ♀1 ♂), Surčin, 15.v.1990, 20.v.1990, Kovilovo, 11.v.1990, 24.v.1990, 12.vi.1990, Lugavčina, 18.vi.1990, Obrenovac, 07.vi.1990, 14.vi.1990, Debeli Lug, 09.vi.1990, leg. OP, (SER); *Zea mays* (17 ♀13 ♂), Kovilovo, 24.vi.1992, 08.vii.1992, 14.vii.1992, 25.vii.1992, 01.viii.1992, leg. ŽT, (SER); *Rhopalosiphum padi* (L.): on *Triticum aestivum* (1 ♀), Kovilovo, 20.vi.1990, leg. OP, (SER); on *Zea mays* (1 ♀), Surčin, 25.vi.1993, leg. ŽT, (SER); *Sitobion avenae* (Fabricius): on *Festuca* sp. (1 ♀1 ♂), Mt Šara-Jažinovačko jezero, 26.vii.1995, leg. OP, (SER); *Hordeum vulgare* (1 ♀), Kovilovo, 15.v.1997, leg. ŽT, (SER); *Hordeum* sp. (2 ♀), Surčin, 07.vi.1989, leg. OP, (SER); *Setaria* sp. (3 ♀3 ♂), Lugavčina, 20.x.1991, leg. OP, (SER); *Sorghum* sp. (1 ♀), Lugavčina, 20.x.1991, leg. OP, (SER); *Triticum aestivum* (16 ♀5 ♂), Kovilovo, 09.vi.1989, 16.vi.1989, 27.iv.1989, 24.v.1990, 31.v.1990, Obrenovac, 01.vi.1990, 07.vi.1990, Surčin, 20.v.1989, 15.vi.1990, 21.vi.1990, Debeli Lug, 09.vi.1990, Inđija, 21.vi.1991, leg. OP,

(SER), Toševo, 1979, leg. KO, (BUL); *Zea mays* (4 ♂), Surčin, 25.vi.1993, 04.vii.1993, Čurug, 23.vi.1997, leg. ŽT, (SER); *Sitobion fragariae* (Walker): on *Dactylis glomerata* (1 ♂), Debeli Lug, 09.vi.1990, leg. OP, (SER).

**(23) *Aphidius ribis*** Haliday, 1834

*Cryptomyzus ribis* (L.): on *Ribes rubrum* (93 ♀78 ♂), Zemun, 21.v.1989, Belgrade-Slanci, 27.iv.1995, leg. OP, Belgrade-Dušanovac, 01.vi.1995, Obedska bara, 15.vi.1996, 07.vi.1997, leg. ŽT, (SER); *R. nigrum* (1 ♀2 ♂), Užice, 05.v.1995, 08.v.1999, leg. ŽT, (SER); *Ribes* spp. (5 ♀), Lugavčina, 01.v.1990, (SER), Mt Durmitor-Crno jezero, 02.vii.1995, leg. OP, (MNG).

**(24) *Aphidius rosae*** Haliday, 1834

*Macrosiphum rosae* (L.): on *Knautia arvensis* (21 ♀10 ♂), Mt Zlatar-Aljinovići, 12.vii.1991, leg. OP, Mt Zlatibor-Ribničko jezero, 07.viii.1999, Mt Kopaonik-Pančićev vrh, 06.vii.2000, leg. ŽT, (SER); *K. longifolia* (10 ♀5 ♂), Mt Šara-Jažinovačko jezero, 26.vii.1995, leg. OP, (SER); *Knautia* sp. (3 ♀1 ♂), Mt Durmitor-Jezerska gora, 01.vii.2002, leg. ŽT, (MNG); *Rosa canina* (4 ♀4 ♂), Belgrade-Bežanija, 15.v.1993, leg. ŽT, (SER); *Rosa* spp. (56 ♀35 ♂), Slnčev Brjag, 10.vii.1976, leg. PS, (BUL); Belgrade-Studentski grad, 16.v.1995, leg. ŽT, Mt Šara, 19.vii.1995, leg. OP, Obedska bara, 14.x.1995, Belgrade-Vračar, 30.x.1995, Belgrade-Crveni krst, 17.vi.1996, leg. ŽT, Mt Beljanica, 03.viii.1996, leg. OP, Grocka, 10.vi.1997, leg. ŽT; Bački Monoštor, 16.vii.1997, leg. OP, Belgrade-Botanical Garden, 13.v.1999, 24.vi.1999, leg. ŽT, (SER), Mt Durmitor-Crno jezero, 03.vii.1998, Mt Durmitor-Ražana glava, 04.vii.1998, Mt Durmitor-Zminičko jezero, 04.vii.1998, leg. ŽT, (MNG), Katsikas-Ioannina, 18.vi.1999, Kozani-Kozani, 25.v.1999, Pilion-Magnissia, 30.v.–10.vi.1997, Florina-Florina, 26.v.1999, Hania-Hania, 17.v.1999, Hrysaugi-Thesprotia, 05.vii.1999, [K2001], (GRE); *Scabiosa columbaria* (4 ♀), Mt Šara, 19.vii.1995, leg. OP, (SER); *Macrosiphum* sp.: on *Rosa* spp. (2 ♀2 ♂), Mt Zlatar-Aljinovići, 12.vii.1991, leg. OP, Belgrade-M.M.Lug, 18.iv.1994, leg. MB, Belgrade, 29.v.1995, leg. OP, (SER).

**(25) *Aphidius salicis*** Haliday, 1834

*Cavariella aegopodii* (Scopoli): on *Ammi majus* (7 ♀3 ♂), Varda-Ilia, 13.v.1996, [K2001], (GRE); *Anethum graveolens* (2 ♀), Bački Monoštor, 18.vii.1996, leg. OP, (SER); *Chaerophyllum*

*aureum* (2 ♀1 ♂), Mt Kopaonik-Marine vode, 06.vii.2000, Mt Durmitor-Crno jezero, 30.vi.2001, leg. ŽT, (SER); *Daucus carota* (1 ♀), Surčin, 18.vi.1997, leg. OP, (SER); *Foeniculum vulgare* (4 ♀3 ♂), Varda-Ilia, 13.v.1996, [K2001], (GRE); *Salix caprea* (1 ♀), Obedska bara, 07.vi.1997, leg. ŽT, (SER); *S. retusa* (1 ♀), Mt Durmitor-Mali Meded, 18.vii.2000, leg. ŽT, (SER); **C. archangelicae** (Scopoli): on *Apium graveolens* (2 ♀), Korinthos-Korithia, 22.iv.1996, [K2001], (GRE); **Cavariella theobaldi** (Gillette and Bragg): on *Daucus carota* (1 ♀), Skala Oropou-Attica, 06.iv.1997, [K2001], (GRE); **Cavariella spp.:** on *Pimpinella anisum* (1 ♀2 ♂), Kovačica, 22.vi.1997, leg. ŽT, (SER); *Anethum graveolens* (4 ♀3 ♂) Kikinda, 23.vi.1997, leg. ŽT, (SER); *Conium maculatum* (2 ♀14 ♂), Petnica, 27.vi.1997, leg. ŽT, (SER); *Salix* sp. (9 ♀7 ♂), Mt Tara-Derвента, 31.v.1998, leg. ŽT, (SER).

**(26) *Aphidius smithi*** Sharma & Subba Rao, 1959

***Acyrtosiphon pisum*** (Harris): on *Bromus sterilis* (3 ♀), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Lathyrus cicera* (11 ♀7 ♂), Athens-Attica, 09.iv.1996, 01.iv.1997, [K2001], (GRE); *L. clymenum* (12 ♀6 ♂), Athens-Attica, 23.iv.1997, [K2001], (GRE); *L. ochrus* (4 ♀), Athens-Attica, 23.iv.1997, [K2001], *L. sativus* (6 ♀6 ♂), Athens-Attica, 04.iv.1996, 23.iv.1997, [K2001], (GRE); *Lens culinaris* (14 ♀3 ♂), Athens-Attica, 09.iv.1996, [K2001], (GRE); *Medicago disciformis* (1 ♀), Neohorion-Ilia, 27.iv.1997, [K2001], (GRE); *M. sativa* (10 ♀7 ♂), Athens-Attica, 19.v.1997, Kopais-Voiotia, 09.v.1996, [K2001], (GRE); *Melilotus officinalis* (3 ♀1 ♂), Amalias-Ilia, 12.v.1997, [K2001], (GRE); *M. sulcata* (1 ♀), Athens-Attica, 23.iv.1997, [K2001], (GRE); *Trifolium nigrescens* (2 ♀), Amalias-Ilia, 12.v.1997, [K2001], (GRE); *Vicia narbonensis* (1 ♀), Athens-Attica, 23.iv.1997, [K2001], (GRE); *V. pannonica* (1 ♀1 ♂), Athens-Attica, 01.iv.1997, [K2001], (GRE); *V. sativa* ssp. *amphicarpa* (3 ♀), Athens-Attica, 04.iv.1996, [K2001], (GRE); *V. sativa* (13 ♀4 ♂), Athens-Attica, 04–26.iv.1996, Kyparissia-Messinia, 03.vi.1996, [K2001], (GRE); *V. villosa* (3 ♀1 ♂), Athens-Attica, 23.iv.1997, [K2001], (GRE).

**(27) *Aphidius sonchi*** Marshall, 1896

***Hyperomyzus lactucae*** (L.): on *Sonchus oleraceus* (38 ♀22 ♂), Vlasinsko jezero, 01.vii.1990, leg. OP, Belgrade-Jajinci, 03.x.1999, leg. ŽT, (SER); ***Hyperomyzus* sp.:** on *Hieracium* sp. (3 ♀),

Mt Durmitor-Zminje jezero, 17.viii.1997, leg. OP, (MNG).

**(28) *Aphidius sussi*** Pennacchio & Tremblay, 1988

***Delphiniobium junackianum*** Karsch.: on *Aconitum firmum* (87 ♀28 ♂), Mt Kopaonik-Metode, 03.vii.2000, 07.viii.2000, Mt Kopaonik-Samokovka, 09.vii.2000, 06.viii.2000, 25.viii.2000, Mt Kopaonik-Marine vode, 06.viii.2000, Mt Kopaonik-Konaci, 23.viii.2000, leg. ŽT, (SER); *A. toxicum* ssp. *bosniacum* (61 ♀35 ♂), Mt Durmitor-Crno jezero, 02.vii.1998, 15.viii.1998, 13.vii.2000, 19.vii.2000, 30.vi.2002, 04.vii.2002, leg. ŽT, (SER), Mt Kopaonik-Metode, 18.viii.1998, 20.vii.1999, leg. OP, (SER), Biogradska gora, 26.vii.2001, Mt Durmitor-Sušica, 02.vii.2002, leg. ŽT, (MNG).

**(29) *Aphidius tanacetarius*** Mackauer, 1962

***Metopeurum fuscoviride*** Stroyan: on *Tanacetum vulgare* (23 ♀21 ♂), Vlasinsko jezero, 24.vii.1990, Bački Monoštor, 16.vii.1996, leg. OP, Mt Vlasina, 01.viii.1996, Mt Suva planina-Glogovac, 12.vii.1999, Mt Suva planina-Toponički put, 19.vii.1997, Mt Suva planina-Kosmovac, 17.vii.1999, leg. ŽT.

**(30) *Aphidius transcaspicus*** Telenga, 1958

***Hyalopterus amygdali*** (Blanchard): on *Prunus dulcis* (3 ♀1 ♂), Aliartos-Voiotia, 13.vi.1996, [K1999], (GRE); ***H. pruni*** (Geoffroy): on *Phragmites australis* (46 ♀147 ♂), Gerani-Hania, 02.xi.1995, Messologgion-Aitoloakarnania, 13.v.1997, Pilion-Magnissia, 29.v.1997, [K1999], (GRE).

**(31) *Aphidius urticae***<sup>##</sup> Haliday, 1834

***Acyrtosiphon daphnidis*** Ilharco: on *Daphne alpina* (3 ♀), Mt Durmitor-Zabojsko jezero, 01.vii.2002, leg. ŽT, (MNG); ***Acyrtosiphon pisum*** (Harris): on *Medicago sativa* (1 ♀), Belgrade-Radmilovac, 09.v.1998, leg. OP, (SER); *Pisum sativus* (1 ♀), Smederevska Palanka, 13.vi.1997, leg. ŽT, (SER); ***Amphorophora ampullata*** Buckton: on *Dryopteris* sp. (3 ♀1 ♂), Divčibare, 05.viii.1999, leg. OP, (SER); ***Amphorophora* sp.:** on *Rubus hirtus* (12 ♀12 ♂), Petnica, 18.v.1998, Mt Tara-Derвента, 31.v.1998, Užice-Tatinac, 20.v.2000, leg. ŽT, (SER); ***Aulacorthum solani*** (Kaltenbach): on *Artemisia vulgaris* (1 ♀), New Belgrade, 13.v.1998, leg. ŽT, (SER); *Citrus aurantium* (1 ♀), Agrinion-Aitoloakarnania, 02.v.1996, [K2001], (GRE); *Myosoton aquaticum* (3 ♂), Sremska Mitrovica, 24.v.1998, leg. OP, (SER); *Sanguisorba minor*

(1 ♀), Mt Durmitor-Crno jezero, 01.vii.1998, leg. OP, (MNG); *Macrosiphum daphnidis* Börner: on *Daphne mezereum* (6 ♀♂), Mt Durmitor, 05.viii.1992, leg. OP, Mt Durmitor-Mioč poljana, 14.vii.2000, Mt Durmitor-Ivan do, 30.vi.2002, leg. ŽT, (MNG); *Macrosiphum euphorbiae* (Thomas): on *Euphorbia salicifolia* (6 ♀), Petnica, 17.v.1998, leg. ŽT, (SER); *Macrosiphum funestum* (Macchiati): on *Rubus* sp. (10 ♀1 ♂), Mt Šara, 17.vii.1995, leg. OP, (SER); *Macrosiphum oredonense* Remaudière: on *Lonicera nigra* (8 ♀2 ♂), Mt Durmitor-Zminje jezero, 30.vi.2002, Mt Durmitor-Sušica, 02.vii.2002, leg. ŽT, (MNG); *Macrosiphum prenanthidis* Börner on *Cicerbita pancicii* (4 ♂), Biogradska reka, 24.vii.2001, leg. ŽT, (MNG); on *Prenanthes purpurea* (1 ♀1 ♂), Mt Durmitor-Crno jezero, 04.vii.2002, leg. ŽT, (MNG); *Macrosiphum* sp.: on *Euphorbia amygdaloides* (10 ♀), Mt Durmitor-Ivan do, 30.vi.2002, leg. ŽT, (MNG); *Silene vulgaris* (14 ♀3 ♂), Mt Durmitor-Mlinski potok, 30.vi.2002, leg. ŽT, (MNG); *Valeriana dioica* subsp. *simplicifolia* (1 ♀1 ♂), Mt Durmitor-Zminje jezero, 30.vi.2002, leg. ŽT, (MNG); *Microlophium carnosum* (Buckton): on *Urtica dioica* (27 ♀12 ♂), Debeli Lug, 09.vi.1990, leg. OP, Belgrade-Dušanovac, 29.v.1993, leg. ŽT, Belgrade-M.M.Lug, 19.v.1994, leg. MB, Užice-Ponikovica, 01.vi.1997, Obedska bara, 07.vi.1997, Belgrade-Košutnjak, 26.iv.1998, Belgrade, 06.v.1998, leg. ŽT, (SER, MNG); *Schizaphis scirpi* (Passerini): on *Typha latifolia* (2 ♀3 ♂), Petnica, 27.vi.1997, leg. ŽT, (SER).

**(32) *Aphidius uzbekistanicus*** Luzhetzki, 1960

*Metopolophium dirhodum* (Walker): on *Avena sterilis* (8 ♀), Troizina-Attica, 17.iv.1997, [K2001], (GRE); *Sitobion avenae* (Fabricius): on *Avena sativa* (5 ♀), Obrenovac, 08.vi.1989, Mt Zlatar-Sjenica, 19.vii.1991, leg. OP, (SER); *Triticum aestivum* (65 ♀56 ♂), Obrenovac, 10.v.1989, 24.v.1989, 01.vi.1989, 08.vi.1989, 15.vi.1989, 01.vi.1990, 07.vi.1990, 14.vi.1990, Zemun, 23.v.1989, 28.v.1989, 10.vi.1989, 13.vi.1989, Surčin, 25.v.1989, 07.vi.1989, 08.v.1990, 29.v.1990, 05.vi.1990, 15.vi.1990, Kovilovo, 31.v.1989, 09.vi.1989, 16.vi.1989, 24.v.1990, 31.v.1990, 12.vi.1990, 03.vi.1993, Lugavčina, 11.vi.1989, 18.vi.1990, Čačak, 05.vi.1989, Vrnjačka Banja, 28.v.1989, Kuršumlija, 05.vi.1989, Kraljevo, 18.vi.1989, Belgrade, 06.i.1990, Debeli Lug, 09.vi.1990, Belgrade-Radmilovac, 20.v.1994, leg.

OP, Đurđevo, 10.vi.1997, leg. ŽT, (SER); *T. durum* (4 ♀7 ♂), Kopais-Voiotia, 27.v.1997, [K2001], (GRE); *Hordeum vulgare* (1 ♂), Zemun, 05.vi.1989, Surčin, 07.vi.1989, 14.vi.1989, leg. OP, Kovilovo, 22.v.1997, leg. ŽT, (SER); *Secale* sp. (2 ♂), Zemun, 30.v.1989, 13.vi.1989, leg. OP, (SER); *Sitobion fragariae* (Walker): on *Dactylis glomerata* (5 ♀5 ♂), Debeli Lug, 09.vi.1990, (SER), Mt Durmitor-Žabljak, 04.viii.1992, leg. OP, (MNG); *A. sterilis* (3 ♀2 ♂), Agios Thomas-Aitolokarnania, 13.v.1997, Athens-Attica, 26.iv.1996, [K2001], (GRE); *Bromus madritensis* (6 ♀1 ♂), Athens-Attica, 25.v.2002, (GRE); *Bromus ramosus* (5 ♀1 ♂), Athens-Attica, 26.iv.1996, [K2001], (GRE); *Hordeum murinum* (9 ♀1 ♂), Athens-Attica, 09.v.1996, [K2001], (GRE); *Piptatherum miliaceum* (1 ♀), Athens-Attica, 20.iv.1996, [K2001], (GRE); *Schizaphis graminum* (Rondani): on *Triticum aestivum* (4 ♀3 ♂), Surčin, 07.vi.1989, Obrenovac, 15.vi.1989, leg. OP, (SER).

**(33) *Betuloxys compressicornis*** (Ruthe, 1859)

*Euceraphis punctipennis* (Zetterstedt): on *Betula* sp. (1 ♀), Mt Vlasina, 21.vii.1990, leg. OP, (SER).

**(34) *Binodoxys acalephae*** (Marshall, 1896)

*Aphis affinis* del Guercio: on *Mentha aquatica* (8 ♀), Pilion-Magnissia, 24.vi.1996, [K2001], (GRE); *Aphis craccivora* Koch: on *Acacia retinodes* (7 ♀24 ♂), Athens-Attica, 12.iv.1997, [K2001], (GRE); *Dorycnium herbaceum* (6 ♀3 ♂), Mt Zlatar, 20.vi.1998, leg. ŽT, (SER); *Medicago sativa* (2 ♀1 ♂), Niš, 05.vi.1993, leg. VŽ, (SER); *Melilotus sulcata* (2 ♀9 ♂), Athens-Attica, 12.iv.1997, [K2001], (GRE); *Robinia pseudacacia* (15 ♀21 ♂), Belgrade-Botanical Garden, 04.vii.1995, leg. ŽT, (SER), Ormenion-Evros, 07.vi.1999, [K2001], (GRE); *Vicia faba* (2 ♀3 ♂), Smederevska Palanka, 07.vi.1995, leg. ŽT, (SER); *Aphis cracciae* L.: on *Vicia incana* (2 ♀), Mt Zlatar-Aljinovići, 11.vii.1991, leg. OP, (SER); *Aphis cytisorum* Hartig: on unknown plant (BUL); *Aphis euphorbiae* Kaltenbach: on *Euphorbia cyparissias* (2 ♀1 ♂), Mt Zlatar-Radoinsko jezero, 19.vi.1998, leg. ŽT, (SER); *Aphis fabae* Scopoli: on *Galium aparine* (2 ♀), Athens-Attica, 12.iv.1997, Skala Oropou-Attica, 06.iv.1997, [K2001], (GRE); *Aphis fabae cirsiiacanthoidis* Scopoli: on *Arctium lappa* (3 ♀), Orestias-Evros, 07.vi.1999, [K2001], (GRE); *Carduus australis* (1 ♀), Monemvasia-Lakonia,

02.v.1997, [K2001], (GRE); *Cirsium arvense* (5 ♀4 ♂), Čačak-Zdravljak, 12.v.2000, Ečka, 31.v.2001, leg. ŽT, (SER); ***Aphis fabae solanella*** Theobald: on *Solanum nigrum* (4 ♀4 ♂), Athens-Attica, 10.iv.1997, Skala Oropou-Attica, 06.iv.1997, [K2001], (GRE); ***Aphis gossypii*** Glover: on *Citrus aurantium* (4 ♀1 ♂), Agrinion-Aitoloakarnania, 21.iv.1996, [K2001], (GRE); *C. deliciosa* (4 ♀7 ♂), Agrinion-Aitoloakarnania, 01.v.1996, [K2001], (GRE); *C. sinensis* (2 ♀4 ♂), Monemvassia-Lakonia, 02.v.1997, [K2001], (GRE); *Duranta plumieri* (7 ♀1 ♂), Athens-Attica, 22.v.1996, [K2001], (GRE); *Gladiolus italicus* (2 ♀), Athens-Attica, 27.v.1996, [K2001], (GRE); *Hibiscus syriacus* (15 ♀4 ♂), Athens-Attica, 22.v.1996, Nafplion-Argolis, 17.v.1995, [K2001], (GRE); ***Aphis hederæ*** Kaltenbach: on *Hedera helix* (3 ♀), Athens-Attica, 20.iv.1996, Halkis-Evoia, 03.iv.1996, [K2001], (GRE); ***Aphis idaei*** van der Goot: on *Rubus* sp. (6 ♀), Čačak-Zdravljak, 12.v.2000, leg. ŽT, (SER); *R. idaeus* (29 ♀31 ♂), Petnica, 18.v.1998, Vrujci-Berkovac, 30.iv.2000, leg. ŽT, (SER), Psarades-Florina, 26.v.1999, [K2001], (GRE); ***Aphis myrsinitidis*** Petrović & Leclant: on *Euphorbia myrsinites* (6 ♀7 ♂), Mt Zlatar, 11.vii.1991, (SER), Mt Durmitor-Crno jezero, 27.viii.1991, leg. OP, (MNG); ***Aphis nasturtii*** Kaltenbach: on *Punica granatum* (1 ♂), Belgrade-Crveni krst, 17.vii.1996, leg. ŽT, (SER); ***Aphis parietariae*** Theobald: on *Parietaria diffusa* (2 ♀2 ♂), Athens-Attica, 20.iv.1996, [K2001], (GRE); ***Aphis ruborum*** (Börner): on *Rubus hirtus* (1 ♀1 ♂), Veroia-Imathia, 28.v.1999, [K2001], (GRE); *R. ulmifolius* (19 ♀13 ♂), Dimarion-Ksanthi, 06.vi.1999, Pilion-Magnissia, 30.v.1997, [K2001], (GRE); ***Aphis sambuci*** L.: on *Sambucus nigra* (3 ♀), Athens-Attica, 27.iv.1996, [K2001], (GRE); ***Aphis spiraecola*** Patch: on *Citrus aurantium* (1 ♀), Athens-Attica, 27.iv.1996, [K2001], (GRE); *C. sinensis* (2 ♀), Athens-Attica, 28.iv.1999, [K2001], (GRE); *Viburnum fragrans* (7 ♀11 ♂), Athens-Attica, 27–30.iii.1997, [K2001], (GRE); *V. tinus* (5 ♀6 ♂), Athens-Attica, 30.iii.1997, Koropi-Attica, 06.iv.1997, Halkoutsis-Attica, 06.iv.1997, (GRE); ***Aphis spiraephaga*** Müller: on *Spiraea media* (2 ♀2 ♂), Belgrade, 11.v.1990, leg. OP, Belgrade-Bežanija, 15.v.1993, leg. ŽT, (SER); ***Aphis umbrellæ*** (Börner): on *Malva neglecta* (4 ♀4 ♂), Athens-Attica, 03.iv.1997, [K2001], (GRE); ***Aphis urticata*** Gmelin: on *Urtica dioica* (85 ♀66 ♂), Bel-

grade, 24.iv.1992, Belgrade-Dušanovac, 08.v.1993, 29.v.1993, Kanjiža, 08.vi.1995, Čenta, 20.vi.1996, Belgrade-Radmilovac, 13.v.1998, Vrujci, 29.iv.2000, 30.iv.2000, leg. ŽT, (SER); *Dipotamia Kastoria*, [K2001], (GRE); ***Aphis viticis*** Ferrari: on *Vitex agnus-castus* (5 ♀2 ♂), Athens-Attica, 22.v.1996, [K2001], (GRE); ***Aphis* sp.:** on *Vicia* sp. (16 ♀4 ♂), Rajac, 22.v.1992, leg. OP, (SER); *Vicia minor* (3 ♀), Athens-Attica, 17.iv.1995, [K2001], (GRE).

### (35) *Binodoxys angelicæ* (Halliday, 1833)

***Aphis craccae*** L.: on *Vicia* sp. (SER); ***Aphis craccivora*** Koch: on *Medicago sativa* (7 ♀1 ♂), 19.v.1997, [K2001], (GRE); ***Aphis epilobii*** Kaltenbach: on *Epilobium montanum* (11 ♀7 ♂), Mt Suva planina-Devojački grob, 13.vii.1999, Mt Suva planina-Kraljev put, 15.vii.1999, Mt Suva planina-Vrelo, 17.vii.1999, leg. ŽT, (SER); ***Aphis fabae*** Scopoli: on *Ammi majus* (1 ♀), Tanagra-Voioia, 03.vi.1997, [K2001], (GRE); *Cephalanthera rubra* (1 ♀), Mt Durmitor-Gornje Počivalo, 28.viii.1990, leg. OP, (MNG); *Chenopodium album* (12 ♀7 ♂), Obedska bara, 07.vi.1997, leg. ŽT, (SER), Paliouri-Halkidiki, 10.v.1999, [K2001], (GRE); *C. hybridum* (6 ♀2 ♂), Skala Oropou-Attica, 06.iv.1997, [K2001], (GRE); *Evonymus europaeus* (7 ♀20 ♂), Belgrade-Radmilovac, 21.iv.1995, leg. OP, Belgrade-Botanical Garden, 17.vi.1997, Belgrade-Topčider, 26.iv.1998, Obedska bara, 01.iv.2001, leg. ŽT, (SER); *E. japonicus* (4 ♀4 ♂), Athens-Attica, 16.iv.1996, [K2001], (GRE); *E. japonicus* c.v. Aureo marginatus (3 ♀2 ♂), Athens-Attica, 21.iv.1996, [K2001], (GRE); *Galium aparine* (55 ♀28 ♂), Athens-Attica, 12.iv.1997, [K2001], (GRE); *G. spurium* (20 ♀14 ♂), Athens-Attica, 09.v.1999, [K2001], (GRE); *Impatiens noli-tangere* (2 ♀), Mt Beljanica-Suvaja, 11.vii.1998, leg. ŽT, (SER); *Papaver somniferum* (4 ♀3 ♂), Obedska bara, 07.vi.1997, Titel-Vilovo, 23.vi.1997, leg. ŽT, (SER); *Rumex acetosella* (1 ♀1 ♂), Kač, 10.vi.1997, leg. ŽT, (SER); *R. crispus* (2 ♀3 ♂), Messologgion-Aitoloakarnania, (GRE), 12.v.1997, Filyron-Thessaloniki, (GRE), 09.v.1999, [K2001], (GRE); *Spiraea* sp. (BUL); *Vicia faba* (10 ♀15 ♂), Skala Oropou-Attica, 06.iv.1997, [K2001], (GRE); ***Aphis fabae cirsiacanthoidis*** Scopoli: on *Carduus australis* (33 ♀24 ♂), Kopais-Voioia, 11.iv.–27.v.1997, Monemvassia-Lakonia, 02.v.1997, [K2001], (GRE); *Cirsium arvense* (11 ♀4 ♂), Surčin, 29.v.1993, Kovilovo, 11.vi.1999, New Belgrade-

- Tošin bunar, 26.v.2002, leg. ŽT, (SER); *Onopordum illyricum* (1 ♀1 ♂), Orestias-Evros, 07.vi.1999, [K2001], (GRE); *Aphis fabae solanella* Theobald: on *Solanum nigrum* (17 ♀33 ♂), Athens-Attica, 10.iv.1997, Skala Oropou-Attica, 06.iv.1997, [K2001], (GRE); *Aphis gossypii* Glover: on *Chrysanthemum coronarium* (2 ♀), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Citrus aurantium* (54 ♀28 ♂), Athens-Attica, 21.iv.1996, [K2001], (GRE); *C. deliciosa* (32 ♀18 ♂), Agrinion-Aitoloakarnania, 01.v.1996, [K2001], (GRE); *C. limon* (7 ♀2 ♂), Athens-Attica, 03.v.1995, [K2001], (GRE); *C. sinensis* (61 ♀66 ♂), Monemvasia-Lakonia, 02.v.1997, [K2001], (GRE); *Duranta plumieri* (13 ♀10 ♂), Athens-Attica, 22.v.1996, [K2001], (GRE); *Gladiolus italicus* (12 ♀7 ♂), Athens-Attica, 27.v.1996, [K2001], (GRE); *Hibiscus syriacus* (300 ♀148 ♂), Athens-Attica, 22.v.1996, Thessaloniki-Thessaloniki, 10.v.1999, Kalamata-Messinia, 21.v.1997, Korinthos-Korinthia, 07.v.1996, Kyparissia-Messinia, 21.v.1997, [K2001], (GRE); *Nerium oleander* (1 ♀), Athens-Attica, 01.vi.1996, [K2001], (GRE); *Punica granatum* (11 ♀11 ♂), Ermioni-Argolis, 18.v.1997, [K2001], (GRE); *Pyrus communis* (12 ♀), Athens-Attica, 25.iv.1996, [K2001], (GRE); *Viburnum fragrans* (3 ♀1 ♂), Athens-Attica, 30.iii.1997, [K2001], (GRE); *Aphis hederæ* Kalténbach: on *Hedera helix* (427 ♀312 ♂), Athens-Attica, 01–20.iv.1996, 08.iv.1997, Halkis-Evoia, 03.iv.1996, [K2001], (GRE); Apatin-Prigrevica, 27.ix.1997, Belgrade-Botanical Garden, 13.v.1999, leg. ŽT, (SER); *Aphis nerii* Boyer de Fonscolombe: on *Nerium oleander* (47 ♀48 ♂), Athens-Attica, 27.v.1996, Aleksandroupolis-Evros, 08.vi.1999, Kassandra-Halkidiki, 10.v.1999, Komotini-Rodopi, 08.vi.1999, Tinos-Kyklades, 30.v.1999, [K2001], (GRE); *Aphis pomi* de Geer: on *Malus domestica* (2 ♀2 ♂), Belgrade-Radmilovac, 22.vi.1995, Belgrade-Botanical Garden, 25.vi.1998, leg. OP, (SER); *Spiraea media* (6 ♀), New Belgrade, 05.v.2000, leg. ŽT, (SER); *Aphis puniceae* Shinji: on *Punica granatum* (4 ♀9 ♂), Ermioni-Argolis, 18.v.1997, Skala-Oropou, 29.v.1996, [K2001], (GRE); *Aphis ruborum* (Börner): on *Rubus hirtus* (10 ♀9 ♂), Kopais-Voiotia, 29.v.1997, Veroia-Imathia, 28.v.1999, [K2001], (GRE); *Rubus ulmifolius* (2 ♀1 ♂), Argos Orestikon-Kastoria, 27.v.1999, [K2001], (GRE); *Aphis rumicis* L.: on *Rumex* sp. (5 ♀10 ♂), Belgrade-Dušanovac, 06.vi.1993, (SER); *Aphis sambuci* L.: on *Sambucus nigra* (16 ♀4 ♂), Belgrade-Studentski grad, 20.v.1991, Belgrade-Banjica, 13.vi.1995, Belgrade-Crveni krst, 20.v.1997, leg. ŽT, (SER), Athens-Attica, 10.v.1997, (GRE); *Aphis spiraeicola* Patch: on *Citrus aurantium* (16 ♀1 ♂), Athens-Attica, 19.iv.1996, [K2001], (GRE); *C. sinensis* (1 ♀), Monemvasia-Lakonia, 02.v.1997, [K2001], (GRE); *Viburnum fragrans* (69 ♀36 ♂), Athens-Attica, 28.iii.1996, 15–30.iii.1997, [K2001], (GRE); *V. rhytidophyllum* (9 ♀), Athens-Attica, 25.iv.1996, [K2001], (GRE); *V. tinus* (97 ♀47 ♂), Athens-Attica, 01–08.iv.1996, Koropi-Attica, 30.iii.1997, [K2001], (GRE); *Aphis spiraeophaga* Müller: on *Spiraea media* (49 ♀22 ♂), Belgrade-Brankov most, 11.v.1990, Belgrade-Bežanija, 15.v.1993, Belgrade-Dušanovac, 27.v.1995, Zemun, 03.ix.1997, New Belgrade, 03.vi.1999, New Belgrade, 09.v.2001, leg. ŽT, (SER); *Aphis umbrella* (Börner): on *Malva neglecta* (44 ♀34 ♂), Athens-Attica, 29.iii–09.iv.1996, 03.iv.1997, Aleksandroupolis-Evros, 18.x.1998, [K2001], (GRE); *M. sylvestris* (1 ♀), Athens-Attica, 29.iii.1996, [K2001], (GRE); *Aphis viburni* Scopoli: on *Viburnum opulus* (3 ♀9 ♂), Belgrade-Žarkovo, 19.iv.1990, leg. OP, (SER); *Aphis viticis* Ferrari: on *Vitex agnus-castus* (20 ♀16 ♂), Athens-Attica, 22.v.1996, Volos-Magnissia, 10.vi.1997, [K2001], (GRE); Virpazar-Vranjina, 30.iv.2001, leg. ŽT, (SER); *Aphis* spp.: on *Anethum graveolens* (2 ♀2 ♂), Belgrade-M.M.Lug, 16.vi.1995, leg. MB, (SER); *Beta vulgaris* (1 ♂), Belgrade-M.M.Lug, 18.vi.1995, leg. MB, (SER); *Epilobium angustifolium* (1 ♀), Biogradska gora, 23.vii.2001, leg. ŽT, (MNG); *Philadelphus coronarius* (8 ♀15 ♂), Belgrade-Dušanovac, 06.vi.1995, leg. ŽT, (SER); *Vinca minor* (7 ♀), Athens-Attica, 14.iv.1995, [K2001], (GRE); *Brachycaudus cardui* (L.): on *Carduus tmoleus* ssp. *armatus* (1 ♀), Pilion-Magnissia, 30.v.1997, [K2001], (GRE); *Brachycaudus helichrysi* (Kalténbach): on *Calendula arvensis* (3 ♀), Athens-Attica, 29.iii.1996, [K2001], (GRE); *Leucanthemum vulgare* (2 ♀), Agrinion-Aitoloakarnania, 12.v.1997, [K2001], (GRE); *Dysaphis plantaginea* (Passerini): on *Pyrus communis* (26 ♀25 ♂), Athens-Attica, 25.iv.1996, [K2001], (GRE); *Lipaphis lepidii* (Nevsky): on *Cardaria draba* (5 ♀), Athens-Attica, 02.v.1996, [K2001], (GRE); *Myzuspersicae* (Sulzer): on *Citrus aurantium* (1 ♀1 ♂), Nafplion-Attica, 07.v.1996, [K2001], (GRE); *Ovatus insitus* (Walker): on *Cydonia oblonga* (2 ♂),

Belgrade-Radmilovac, 13.v.1998, (SER); *Toxoptera aurantii* (Boyer de Fonscolombe): on *Citrus aurantium* (16♂7♀), Athens-Attica, 17.iv.1997, [K2001], (GRE), Zelenika, 31.x.2000, leg. ŽT, (MNG); *C. deliciosa* (1♀), Agrinion-Aitoloakarnania, 01.v.1996, [K2001], (GRE); *Viburnum tinus* (6♀), Athens-Attica, 30.iii.1997, [K2001], (GRE); *Uhlmania singularis* (Börner): on *Asperula cynanchica* (2♀), Žabljak, 09.vii.1995, leg. OP, (MNG).

**(36) *Binodoxys brevicornis*** (Haliday, 1833)

*Cavariella* sp.: on *Pimpinella serbica* (6♀12♂), Mt Durmitor-Bosača, 04.vii.1998, leg. ŽT, (MNG); *Uhlmania singularis* (Börner) on *Asperula longifolia*, Mt Durmitor-Crno jezero, 30.vi.2002, leg. ŽT, (MNG).

**(37) *Binodoxys centaureae*** (Haliday, 1833)

*Macrosiphoniella artemisiae* Boyer de Fonscolombe: on *Artemisia vulgaris* (1♀), Petnica, 17.v.1998, leg. ŽT, (SER); *Macrosiphoniella* sp.: on *Achillea millefolium* (2♀1♂), Mt Goč, 17.ix.1992, leg. ŽT, (SER); *Uroleucon cichorii* (Koch): on *Crepis biennis* (5♀5♂), Nymfaia-Rodopi, 08.vi.1999, [K2001], (GRE); *Uroleucon cichorii grossum* (Hille Ris Lambers): on *Crepis biennis* (1♂), Mt Zlatar-Radoinsko jezero, 19.vi.1998, leg. ŽT, (SER); *Uroleucon murale* Buckton: on *Mycelis muralis* (9♀2♂), Mt Durmitor, 27.ix.1991, leg. OP, (MNG), Mt Beljanica-Suvaja, 01.viii.1996, leg. OP, 11.vii.1998, leg. ŽT, Mt Kopaonik-Brzeća, 17.viii.1998, leg. OP, (SER); *Uroleucon* sp.: on *Crepis* sp. (11♀3♂), Mt Zlatar-Akmačići, 20.vi.1998, Užice-Tatinac, 28.ix.1999, leg. ŽT, (SER).

**(38) *Binodoxys heraclei*** (Haliday, 1833)

*Cavariella aegopodii* (Scopoli): on *Anethum graveolens* (3♀7♂), Zemun, 20.vi.1995, leg. OP, (SER); *Salix cinerea* (2♀2♂), Debeli lug, 09.vi.1990, leg. OP, Zlatarsko jezero, 20.vi.1998, leg. ŽT, (SER); *Salix* sp. (3♀7♂), Surčin, 19.iv.1990, Belgrade, 06.v.1998, leg. OP, (SER); *Cavariella theobaldi* (Gillette & Bragg): on *Peucedanum aegopodioides* Suva planina-Vetanska reka, 17.vii.1999, leg. ŽT, (SER); *Salix caprea* (4♀2♂), Zlatarsko jezero, 21.vi.1998, leg. ŽT, (SER); *Cavariella* spp.: on *Salix* spp. (14♀8♂), Surčin, 19.iv.1990, Belgrade-Radmilovac, 06.v.1998, leg. OP, (SER); *Semiaphis* sp.: on *Lonicera xylosteum* (1♀), Mt Durmitor-Zminje jezero, 03.vii.1998, leg. ŽT, (MNG).

**(39) *Diaeretellus palustris*** Starý, 1960

*Rhopalosiphum nymphaeae* L.: on *Ranunculus aquatilis* (2♂), Mt Vlasina, 22.vii.1990, leg. OP, (SER).

**(40) *Diaeretellus macrocarpus*** Mackauer, 1961

*Saltusaphis* sp.: on *Carex rostrata* (1♀1♂), Mt Durmitor-Valovito jezero, 02.vii.2002, leg. ŽT, (MNG).

**(41) *Diaeretiella rapae*** (M'Intosh, 1855)

*Aphis cadiva* Walker: on *Silene vulgaris* (2♂), Mt Durmitor-Zminje jezero, 23.viii.1990, leg. OP, (MNG); *Aphis craccivora* Koch: on *Cardaria draba* (4♀3♂), Pilion-Magnissia, (GRE), 29.v.1997, [K2001], (GRE); *Aphis gossypii* Glover: on *Citrus aurantium* (1♀), Athens-Attica, 21.iv.1996, [K2001], (GRE); *C. deliciosa* (1♀1♂), Agrinion, 21.iv.1996, [K2001], (GRE); *Aphis nerii* Boyer de Fonscolombe: on *Nerium oleander* (1♀), Lefkimi-Corfu, 09.viii.1996, [K2001], (GRE); *Aphis spiraeicola* Patch: on *Viburnum tinus* (2♀), Athens-Attica, 21.v.1996, [K2001], (GRE); *Aphis umbrella* (Börner) on unknown plant (GRE); *Aulacorthum solani* (Kaltenbach): on *Malva neglecta* (1♀), Athens-Attica, 02.iv.1996, [K2001], (GRE); *Brachycaudus amygdalinus* (Schouteden): on *Prunus dulcis* (1♀1♂), Athens-Attica, 02.v.1997, [K2001], (GRE); *Brachycaudus cardui* (L.): on *Calendula arvensis* (17♀4♂), Athens-Attica, 21.v.1996, [K2001], (GRE); *Carduus australis* (1♂), Agrinion-Aitoloakarnania, 12.v.1997, [K2001], (GRE); *C. crispus* (1♀2♂), Athens-Attica, 01.iv.1997, [K2001], (GRE); *C. pycnocephalus* (1♀), Athens-Attica, 06.iv.1997, [K2001], (GRE); *Brachycaudus helichrysi* (Kaltenbach): on *Carduus crispus* (2♂), Athens-Attica, 03.iv.1997, [K2001], (GRE); *Carlina corymbosa* ssp. *graeca* (10♀17♂), Nea Kios-Argolis, 22.iv.1996, [K2001], (GRE); *Chrysanthemum coronarium* (2♀2♂), Athens-Attica, 25–28.iii.1996, Nafplion-Argolis, 24.iv.1997, [K2001], (GRE); *Chrysanthemum uliginosum* (12♀21♂), Nafplion-Argolis, 21.iv.1996, [K2001], (GRE); *Cirsium creticum* (1♀), Athens-Attica, 20.iv.1996, [K2001], (GRE); *C. tuberosum* (2♀1♂), Nea Kios-Argolis, 24.iv.1996, [K2001]; *C. vulgare* (4♀2♂), Athens-Attica, 10.iv.1997, [K2001], (GRE); *Leucanthemum vulgare* (5♀5♂), Agrinion-Aitoloakarnania, 12.v.1997, [K2001], (GRE); *Onopordum illyricum* (2♀1♂), Athens-Attica, 10.iv.1997, [K2001], (GRE); *Rumex acetosella* (1♂), Mt Vlasina, 24.vii.1990, leg. OP,

(SER); *Stellaria media* (1 ♀), Nafplion-Argolis, 04.v.1997, [K2001], (GRE); ***Brachycaudus he-lichrysi var. warei*** (Theobald): *Melilotus sulcatus* (4 ♂), Athens-Attica, 25.iii.1997, [K2001], (GRE); ***Brevicoryne brassicae*** L.: on *Brassica oleracea* (91 ♀102 ♂), Zemun, 14.x.1991, Belgrade-M.M.Lug, 08.viii.1992, leg. MB, Smederevo, 17.v.1994, Belgrade-Ratno ostrvo, 22.vi.1995, leg. OP, Palić-Selevenjske pustare, 09.viii.1995, Ilinci, 14.vii.1996, leg. DJ, Užice-Ponikovica, 18.vii.1996, Beljanica, 02.viii.1996, Kovačica, 22.vi.1997, Kikinda, 23.vi.1997, Apatin-Prigrevica, 27.ix.1997, Sirig, 27.ix.1997, leg. ŽT, (SER); *Brassica oleracea* var. *botrytis* (48 ♀33 ♂), Volos-Magnissia, 11.i.1997, [K2001], (GRE); *Brassica oleracea* var. *capitata* (58 ♀39 ♂), Belgrade-Ratno ostrvo, 10.v.1995, leg. OP, (SER), Varda-Ilia, 15.iv.1996, Volos-Magnissia, 11.i.1996, Megalopolis-Arkadia, 12.viii.1996, [K2001], (GRE); *Raphanus sativus* (7 ♀5 ♂), Belgrade-Ratno ostrvo, 22.vi.1995, leg. OP, (SER); on *Ruta graveolens* (4 ♀), Pančevo, 19.vi.1995, leg. ŽT, (SER); ***Diuraphis noxia*** (Kurdjumov): on *Hordeum vulgare* (1 ♀), Mt Vlasina, 23.vii.1990, leg. OP, (SER), Skopje, v.1989, leg. KPC, (FYRM); *Triticum aestivum*, Ptolemais-Florina, 20.vi.1989, leg. MS, (GRE); ***Hayhurstia atriplicis*** (L.): on *Chenopodium album* (2 ♀), Mt Kopaonik-Brzeća, 19.viii.1998, leg. OP, (SER); ***Hyadaphis foeniculi*** (Passerini): on *Lonicera* sp. (1 ♀), Belgrade-Studentski grad, 19.iv.2001, leg. ŽT, (SER); ***Lipaphis lepidii*** (Nevsky): on *Cardaria draba* (8 ♀9 ♂), Athens-Attica, 10.iv.1997, Assos-Korinthia, 20.iv.1997, Nafplion-Argolis, 24.iv.1997, Nea Kios-Argolis, 24.iv.1997, [K2001], (GRE); ***Lipaphis erysimi*** (Kaltenbach): on *Erysimum graecum* (2 ♀7 ♂), Marathon-Attica, (GRE), 14.iv.1997, [K2001], (GRE); ***Myzus persicae*** Sulzer: on *Antirrhinum majus* (10 ♀5 ♂), Athens-Attica, 19.iv.1996, [K2001], (GRE); *Brassica nigra* (5 ♀3 ♂), Volos-Magnissia, 26.iii.1996, [K2001], (GRE); *Capsicum annuum* (1 ♀1 ♂), Belgrade, 17.vi.1993, leg. OP, (SER); *Cardaria draba* (9 ♀6 ♂), Athens-Attica, 16.iv.1996, Amalias-Ilia, 12.v.1996, Assos-Korinthia, 20.iv.1996, Nea Kios-Argolis, 22.iv.1996, 15.v.1997, Kopais-Voiotia, 03.iv.1996, [K2001], (GRE); *Chamomilla recutita* (5 ♀1 ♂), Athens-Attica, 30.iii.1996, [K2001], (GRE); *Chrysanthemum coronarium* (1 ♀1 ♂), Athens-Attica, 28.iii.1996, Halkis-Evoia, 03.iv.1996, [K2001], (GRE); *C.*

*segetum* (5 ♀10 ♂), Athens-Attica, 28.iii.1996, [K2001], (GRE); *Citrus aurantium* (2 ♀6 ♂), Nafplion-Argolis, 07.v.1996, [K2001], (GRE); *C. sinensis* (13 ♀9 ♂), Vrahation-Korinthia, 28.iv.1996, [K2001], (GRE); *Malva neglecta* (13 ♀7 ♂), Athens-Attica, 06.iv.1996, [K2001], (GRE); *Nicotiana tabacum* (17 ♀4 ♂), Agrinion-Aitoloakarnania, 25.viii.1997, Veroia-Imathia, 11.vi.1997, [K2001], (GRE); *Phacelia tanacetifolia* (2 ♀1 ♂), Athens-Attica, 09.iv.1996, [K2001], (GRE); *Prunus persica* (75 ♀69 ♂), Skydra-Pella, 01.vi.1997, [K2001], (GRE); *Sisymbrium irio* (15 ♀3 ♂), Loutsia-Attica, 09.iv.1996, [K2001], (GRE); *S. orientale* (2 ♀8 ♂), Galatas-Attica, 17.iv.1997, [K2001], (GRE); *Urtica urens* (1 ♀), Athens-Attica, 12.iv.1996, [K2001], (GRE); ***Pseudobrevicoryne leclanti*** Petrović and Remaudière: on *Arabis alpina* (3 ♀), Mt Durmitor-Crno jezero, 15.viii.1997, leg. OP, (MNG); ***Rhopalosiphum maidis*** (Fitch): on *Hordeum distichon* var. *nudum* (4 ♀1 ♂), Athens-Attica, 04.iv.1996, [K2001], (GRE); *Hordeum vulgare* (2 ♀1 ♂), Athens-Attica, 28.iii.–04.iv.1996, [K2001], (GRE); *Triticum durum* (1 ♀1 ♂), Athens-Attica, 04.iv.1996, [K2001], (GRE); ***Rhopalosiphum padi*** (L.): on *Bromus ramosus* (6 ♂), Athens-Attica, 04.iv.1996, [K2001], (GRE); *Hordeum murinum* (10 ♀6 ♂), Athens-Attica, 01–11.iv.1996, [K2001], (GRE); *H. vulgare* (6 ♀6 ♂), Athens-Attica, 09.iv.1996, [K2001], (GRE); *Triticum durum* (1 ♀1 ♂), Athens-Attica, 04.iv.1996, [K2001], (GRE); ***Toxoptera aurantii*** (Boyer de Fonscolombe): on *Citrus aurantium* (1 ♀2 ♂), Agrinion-Aitoloakarnania, 01.v.1996, Athens-Attica, 21.v.1996, [K2001], (GRE); unknown aphid: on *Hordeum vulgare*, Skopje, x.1989, leg. KPC, (FYRM); ***Uroleucon*** sp.: on unknown plant, Corivos-Ilia, 04.vi.1989, leg. KAT, (GRE).

**(42) *Diaeretes leucopterus*** (Haliday, 1834)

***Eulachnus agilis*** (Kaltenbach): on *Pinus pinea* (3 ♀10 ♂), Athens-Attica, 07.v.1996, [K2001], (GRE); ***Eulachnus rileyi*** (Williams): on *Pinus sylvestris* (3 ♀9 ♂), Belgrade-Topčider, 26.iv.1998, 16.v.1998, leg. ŽT, (SER); ***Eulachnus tuberculostemmatus*** (Theobald): on *Pinus pinea* (6 ♀8 ♂), Athens-Attica, 07.v.1996, Vrahation-Korinthia, 15.v.1997, [K2001], (GRE); ***Schizolachnus pineti*** (Fabricius): on *Pinus nigra* (1 ♀1 ♂), Vrujci, 30.iv.2000, leg. ŽT, (SER).



**(43) *Dyscritulus planiceps*** (Marshall, 1896)

*Drepanosiphum platanoidis* Schrank: on *Acer pseudoplatanus* (3 ♀1 ♂), Belgrade-Botanical Garden, 04.vii.1995, 13.v.1997, 10.v.2000, New Belgrade, 19.ix.1999, leg. ŽT, (SER).

**(44) *Ephedrus cerasicola*** Starý, 1962

*Brachycaudus helichrysi* (Kaltenbach): on *Myosotis* sp. (3 ♀), Kopaonik-Pančičev vrh, 05.vii.1997, leg. ŽT, (SER), Mt Durmitor-Zminje jezero, 04.viii.1982, leg. MB, (MNG); *Myzus cerasi* (Fabricius): on *Prunus cerasus* (4 ♀), Belgrade-Crveni Krst, 14.vi.1997, leg. ŽT, (SER); *Phorodon humuli* (Schrank): on *Prunus cerasifera* (4 ♀), Novi Beograd, 17.vi.1993, leg. OP, (SER).

**(45) *Ephedrus helleni*** Mackauer, 1968

*Cavariella aegopodii* (Scopoli): on *Salix cinerea* (4 ♀6 ♂), Debeli lug, 09.vi.1990, leg. OP, (SER); *Cavariella theobaldi* (Gillette & Bragg) on *Salix caprea*, (SER).

**(46) *Ephedrus lacertosus*** (Haliday, 1833)

*Macrosiphum cholodkovskyi* (Mordvilko): on *Filipendula ulmaria* (2 ♀), Mt Kopaonik-Marina voda, 08.vii.2000, (SER); *Macrosiphum rosae* (L.): on *Rosa canina* (2 ♀), Belgrade-Bežanija, 15.v.1993, leg. ŽT, Mt Kopaonik-Markova stena, 13.viii.1986, leg. AČ, (SER).

**(47) *Ephedrus chaitophori*** Gardenfors, 1986

*Chaitophorus* sp.: on *Populus nigra* (1 ♀1 ♂), New Belgrade, 06.vi.1999, leg. ŽT, (SER).

**(48) *Ephedrus blattnyi*** Starý, 1973

*Pterocomma rufipes* (Hartig): on *Salix retusa* (1 ♀1 ♂), Durmitor-Mali Meded, 14.vii.2000, leg. OP, Durmitor-Mali Meded, 18.vii.2000, leg. ST, (MNG).

**(49) *Ephedrus laevicollis*** (Thomson, 1895)

*Chaetosiphon tetrarhodum* (Walker): on *Rosa* spp. (34 ♀9 ♂), Belgrade-Crveni Krst, 09.vi.1998, 14.vi.1998, Užice-Đetinja, 10.vi.2000, leg. ŽT, (SER, MNG); *Longicaudus trirhodus* (Walker): on *Thalictrum minus* ssp. *majus* (3 ♀), Suvaja-livada, 13.vii.1998, leg. ŽT, (SER), Mt Durmitor-Donja Ališnica, 19.viii.1986, (MNG), Mt Stara planina-Crnovrška reka, 17.vii.1983, Mt Kopaonik-Gobelja, 15.vii.1987, leg. AČ, (SER).

**(50) *Ephedrus nacheri*** Quilis, 1934

*Hayhurstia atriplicis* (L.): on *Chenopodium album* (10 ♀11 ♂), Zemun, 02.ix.1997, Carska bara, 02.vii.1996, leg. OP, Banatski Brestovac, 13.vi.1996, leg. ŽT, Mt Kopaonik-Brzeća, 19.viii.1998, leg. OP, (SER).

**(51) *Ephedrus niger*** Gautier, Bonnamour & Gaumont, 1929

*Megoura viciae* (Buckton): on *Lathyrus sativus* (1 ♀), Mt Kopaonik-Samokovska reka, 08.vii.2000, leg. ŽT, (MNG); *Uroleucon cichorii* Koch: on *Cichorium intybus* (1 ♀1 ♂), Opovo, 23.vi.1997, leg. ŽT, (SER); *Uroleucon inulae* (Ferrari): on *Inula conyza* (36 ♀27 ♂), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Uroleucon murale* (Buckton): on *Mycelis muralis* (1 ♀), Mt Durmitor, 05.viii.1992, leg. OP, (SER).

**(52) *Ephedrus persicae*** Froggatt, 1904

*Aphis euphorbiae* Kaltenbach: on *Euphorbia characias* ssp. *wulfenii* (28 ♀56 ♂), Kopais-Voiotia, 21.iv.1997, [K2001], (GRE); *Aphis fabae* Scopoli: on *Chenopodium album* (7 ♀13 ♂), Paliouri-Halkidiki, 10.v.1999, [K2001], (GRE); *Papaver rhoeas* (4 ♀6 ♂), Florina, 26.v.1999, [K2001], (GRE); *Rumex acetosa* (3 ♀11 ♂), Kastoria-Kastoria, 27.v.1999, [K2001], (GRE); *Spinacia oleracea* (4 ♀), Paramythia-Thesprotia, 03.v.1997, [K2001], (GRE); *Aphis fabae cirsiacanthoidis* Scopoli: on *Carduus australis* (1 ♀), Monemvassia-Lakonia, 02.v.1997, [K2001], (GRE); *Aphis fabae solanella* Theobald: on *Solanum nigrum* (10 ♀17 ♂), Kopais-Voiotia, 21.iv.1997, [K2001], (GRE); *Aphis gossypii* Glover: on *Citrus aurantium* (2 ♀7 ♂), Athens-Attica, 02.iv.1997, [K2001], (GRE); *Aphis pomi* de Geer: on *Malus domestica* (1 ♀), Belgrade-Radmilovac, 22.vi.1995, leg. OP, (SER); *Aphis umbrella* (Börner): on *Malva sylvestris* (2 ♀), Paramythia-Thesprotia, 03.v.1997, [K2001], (GRE); *Aphis* sp.: on *Satureja montana* (11 ♀3 ♂), Virpazar-Vranjina, 30.iv.2001, leg. ŽT, (MNG); *Vitex agnus-castus* (1 ♀1 ♂), Virpazar-Vranjina, 30.iv.2001, leg. ŽT, (MNG); *Brachycaudus amygdalinus* (Schouteden): on *Prunus dulcis* (104 ♀121 ♂), Athens-Attica, 02.v.1997, Ermioni-Argolis, 28.iv.1997, [K2001], (GRE); *Brachycaudus cardui* (L.): on *Carduus tmoleus* ssp. *armatus* (2 ♀), Pilion-Magnissia, 30.v.1997, [K2001], (GRE); unknown plant, Olympia-Ilia, 15.v.1960, leg. GYL, (GRE); *Prunus domestica* (4 ♀), Belgrade, 28.iv.1995, leg. OP, (SER); *Brachycaudus helichrysi* (Kaltenbach): on *Achillea abrotanoides* (6 ♀5 ♂), Mt Durmitor-Mali Meded, 01.vii.2001, leg. ŽT, (MNG); *A. tanacetifolia* (1 ♂), Biogradska gora-Svatovsko groblje, 22.vii.2001, leg. ŽT, (MNG); *Achillea* sp. (1 ♀1 ♂), Mt Durmitor-Crna Gora, 03.vii.1998, leg. ŽT, (MNG); *Myosotis syl-*

*vatica* (1 ♂), Mt Kopaonik-Samokovska reka, 05.vii.2000, leg. ŽT, (SER); *Prunus cerasifera* (1 ♀), New Belgrade, 04.v.1995, leg. OP, (SER); *P. domestica* (6 ♀18 ♂), Belgrade, 28.iv.1995, leg. OP, (SER); *Sedum anopetalum* (1 ♂), Mt Durmitor-Crno jezero, 27.viii.1990, leg. OP, (MNG); ***Brachycaudus prunicola*** (Kaltenbach): on *Prunus cerasifera* (1 ♀), Belgrade, 07.v.1995, leg. OP, (SER); ***Brachycaudus rumexicolens*** (Patch): on *Rumex acetosa* (1 ♀1 ♂), Kastoria-Kastoria, 27.v.1997, [K2001], (GRE); ***Dysaphis apiifolia*** (Theobald): on *Apium graveolens* (3 ♀1 ♂), Tanagra-Voiotia, 27.v.1997, [K2001], (GRE); ***Dysaphis foeniculus*** (Theobald): on *Apium graveolens* (6 ♀), Tanagra-Voiotia, 27.v.1997, [K2001], (GRE); ***Dysaphis plantaginea*** (Passerini): on *Malus domestica* (4 ♀), Belgrade-Radmilovac, 13.v.1998, leg. OP, (SER); *Pyrus communis* (4 ♀), Argastiri-Hania, 17.v.1999, [K2001], (GRE); ***Dysaphis pyri*** (Boyer de Fonscolombe): on *Pyrus communis* (1 ♂), Belgrade-Radmilovac, 13.v.1998, leg. OP, (SER); ***Dysaphis reamuri*** (Mordvilko): on *Pyrus communis* (2 ♀), Belgrade-Radmilovac, 13.v.1998, leg. OP, (SER); ***Dysaphis sp.***: on *Pyrus communis* (7 ♀5 ♂), Avala, 26.v.1993, leg. ŽT, (SER); ***Melanaphis pyraria*** (Passerini): on *Pyrus communis* (1 ♀3 ♂), Lugavčina, 20.iv.1995, leg. OP, (SER); ***Myzus cerasi*** (Fabricius): on *Prunus avium* (3 ♀1 ♂), Belgrade, 28.iv.1995, leg. OP, (SER), Nymfaia-Rodopi, 08.vi.1999, (GRE); *Prunus cerasus* (18 ♀10 ♂), Belgrade, 28.iv.1995, 07.v.1995, leg. OP, (SER); ***Myzus persicae*** Sulzer: on *Prunus cerasifera* (3 ♀), Belgrade, 21.iv.1995, leg. OP, (SER); *P. persica* (1 ♀), Belgrade, 28.iv.1995, leg. OP, (SER); ***Phorodon humuli*** (Schrank): on *Prunus cerasifera* (3 ♀3 ♂), Belgrade-Dušanovac, 29.v.1993, leg. ŽT, Rudnik, 18.v.1990, Belgrade, 07.v.1995, leg. OP, (SER); *P. cerasus* (1 ♀3 ♂), Belgrade, 07.v.1995, leg. OP, (SER); *P. domestica* (2 ♂), New Belgrade, 25.iv.1995, leg. OP, (SER); *P. spinosa* (1 ♀1 ♂), Belgrade, 07.v.1995, leg. OP, (SER); ***Rhopalosiphum nymphaeae*** L.: on *Prunus sp.* (1 ♂), New Belgrade, 25.iv.1995, leg. OP, (SER); ***Toxoptera aurantii*** (Boyer de Fonscolombe): on *Citrus aurantium* (11 ♀3 ♂), Athens-Attica, 21.iv.1999, [K2001], (GRE); ***Uroleucon solidaginis*** (Fabricius): on *Solidago virgaurea* (2 ♀), Mt Kopaonik-Marine vode, 04.vii.2000, leg. ŽT, (SER).

(53) ***Ephedrus plagiator*** (Nees, 1811)

***Acyrtosiphon pisum*** (Harris): on *Medicago sativa* (1 ♂), Kovilovo, 15.vii.1992, leg. ŽT; (SER); ***Aphis fabae*** Scopoli: on *Cephalanthera rubra* (3 ♂), Suva planina-Devojački grob, 13.vii.1999, leg. ŽT, (SER); *Chenopodium album* (1 ♀), Niki-Florina, 26.v.1999, [K2001], (GRE); *Evonymus europaeus* (7 ♀3 ♂), Belgrade-Topčider, 03.v.1997, 26.iv.1998, leg. ŽT, (SER); *Impatiens noli-tangere* (3 ♀), Beljanica-Suvaja, 13.vii.1998, leg. ŽT, (SER); *Gentiana asclepiadea* (1 ♀), Durmitor-Zmijsko jezero, 21.viii.1990, leg. OP, (MNG); *Rumex crispus* (1 ♀), Kozani-Kozani, 28.v.1999, [K2001], (GRE); ***A. idaei*** Van der Goot: on *Rubus sp.* (1 ♀1 ♂), Čačak-Zdravljak, 12.v.2000, leg. ŽT, (SER); *R. idaeus* (1 ♂), Vrujci-Berkovac, 30.iv.2000, leg. ŽT, (SER); ***A. salicariae*** Koch: on *Epilobium angustifolium* (3 ♀), Kopaonik-Samokovska reka, 06.viii.2000, leg. ŽT, (SER); ***A. schneideri*** (Börner): on *Ribes rubrum* (1 ♀1 ♂), Užice, 09.vii.1996, leg. ŽT, (SER); ***A. spiraeophaga*** Müller: on *Spiraea media* (1 ♀1 ♂), New Belgrade (62), 05.v.2000, Belgrade-Topčider, 26.v.2000, leg. ŽT, (SER); ***Brachycaudus helichrysi*** (Kaltenbach): on *Hieracium sp.* (1 ♀), Mt Kopaonik-Ledenica, 03.vii.2000, leg. ŽT, (SER); *Melampyrum cristatum* (1 ♀), Mt Šara, 26.vii.1990, leg. OP, (SER); *Solidago virgaurea* (1 ♀1 ♂), Kopaonik-Marine vode, 04.vii.2000, leg. ŽT, (SER); ***Capitophorus sp.***: on *Polygonum persicaria* (3 ♂), Vlasinsko jezero, 21.vii.1990, leg. OP, (SER); ***Corylobium avellanae*** (Schrank): on *Corylus avellana* (9 ♀6 ♂), Belgrade, 11.v.1997, Belgrade-Botanička Bašta, 13.v.1997, Belgrade-Crveni krst, 09.v.1998, leg. ŽT, (SER); ***D. pyri*** (Boyer de Fonscolombe): on *Pyrus communis* (3 ♀), Belgrade-Radmilovac, 22.iv.1992, leg. OP, (SER), Neapolis-Kozani, 26.v.1999, [K2001], (GRE); ***Dysaphis sp.***: on *Malus domestica* (7 ♀3 ♂), Belgrade, 08.v.1995, leg. OP; (SER); ***Hyalopterus pruni*** (Geoffroy): on *Prunus spinosa* (1 ♀), Užice-Trešnjica, 01.vi.1998, leg. ŽT, (SER); ***Macrosiphum cholodkovskyi*** (Mordvilko): on *Filipendula ulmaria* (1 ♀1 ♂), Mt Kopaonik-Marine vode, 08.vii.2000, leg. ŽT, (SER); ***M. rosae*** (L.): on *Rosa sp.* (1 ♀1 ♂), Belgrade-Studentski grad, 16.v.1995, (SER), Mt Durmitor-Zmijško jezero, 04.vii.1998, leg. ŽT, (MNG); ***Macrosiphum sp.***: on *Linum capitatum* (1 ♀1 ♂), Mt Durmitor-Mlinski potok, 03.vii.2002, leg. ŽT, (MNG); ***Metopolophium dirhodum***

Walker: on *Avena sativa* (1 ♀1 ♂), Zemun, 05.vi.1989, 13.vi.1989, leg. OP, (SER); *Hordeum vulgare* (1 ♀1 ♂), Surčin, 27.v.1989, 07.vi.1989, leg. OP, (SER); *Triticum aestivum* (3 ♀4 ♂), Zemun, 28.v.1989, Zemun, 28.v.1989, 13.vi.1989, Kovilovo, 16.vi.1989, 31.v.1990, Ražanj, 11.vi.1990, Požarevac, 28.v.1990, Surčin, 28.v.1998, leg. OP, (SER); *Myzus cerasi* (Fabricius): on *Prunus avium* (1 ♀1 ♂), Belgrade-Dušanovac, 06.vi.1995, leg. ŽT, (SER); *P. cerasus* (1 ♂), Belgrade, 28.iv.1995, leg. OP, (SER); *M. ligustri* (Mosley): on *Ligustrum vulgare* (2 ♂), Surčin, 19.iv.1990, leg. OP, (SER); *Phorodon humuli* (Schrank): on *Prunus cerasus* (1 ♂), Belgrade, 07.v.1995, leg. OP, (SER); *P. spinosa* (2 ♀), Lugavčina, 01.v.1990, leg. OP, (SER); *Rhopalomyzus loniceræ* Siebold: on *Lonicera tatarica* (1 ♀), New Belgrade, 05.iv.1990, leg. OP, (SER); *Schizaphis graminum* (Rondani): on *Hordeum vulgare* (1 ♀1 ♂), Belgrade-Radmilovac, 18.vi.1999, leg. ŽT, (SER); *Sitobion avenae* (Fabricius): on *Avena sativa* (1 ♀), Zemun, 25.vi.1989, leg. OP, (SER); *Dactylis glomerata* (3 ♀5 ♂), Debeli lug, 09.vi.1990, leg. OP, (SER); *Secale* sp. (1 ♀), Zemun, 30.v.1989, leg. OP, (SER); *Triticum aestivum* (15 ♀12 ♂), Surčin, 29.v.1990, 15.vi.1990, Obrenovac, 01.vi.1990, Kovilovo, 31.v.1990, 12.vi.1990, Lugavčina, 18.vi.1990, Obrenovac, 24.v.1990, 21.vi.1990, Debeli lug, 09.vi.1990, Nova Pazova, 24.v.1998, leg. OP, (SER); *S. fragariae* (Walker): on *Dactylis glomerata* (2 ♀), Debeli lug, 09.vi.1990, leg. OP, (SER).

**(54) *Ephedrus validus*** (Haliday, 1833)

Root aphid parasitoid: Mt Durmitor-Kovačka dolina, 20.viii.1982, leg. MB, (MNG).

**(55) *Euaphidius cingulatus*** Ruthe, 1859

*Pterocomma populeum* (Kaltenbach): on *Populus* sp. (12 ♀9 ♂), Belgrade-Radmilovac, 09.v.1998, leg. ŽT, (SER); *Pterocomma rufipes* (Hartig): on *Salix retusa* (6 ♀), Mt Durmitor-Ledena pećina, 17.vii.2000, Mt Durmitor-Mali međed, 18.vii.2000, leg. ŽT, (MNG); *Pterocomma* spp.: on *Salix alba* (2 ♂), Zemun, 11.v.1997, leg. OP, (SER); *S. caprea* (1 ♀2 ♂), Obedska bara, 07.vi.1997, leg. ŽT, (SER); *Salix* spp. (4 ♀), Lugavčina, 02.xi.1991, 01.v.1997, leg. OP, (SER), Mt Durmitor-Jezerska gora, 01.vii.2002, leg. ŽT, (MNG); *Populus deltoides* (7 ♀7 ♂), Novi Sad, 20.viii.2000, leg. LP, (SER).

**(56) *Euaphidius setiger*** Mackauer, 1961

*Peryphyllus bulgaricus* Tashev: on *Acer monspessulanum* (1 ♀), Troizina-Attica, 17.iv.1997, [K2001], (GRE); *Peryphyllus testudinaceus* (Ferne): on *Acer campestre* (32 ♀20 ♂), Belgrade-Banjička šuma, 10.vi.1994, Belgrade-Hajd park, 16.v.1998, New Belgrade, 13.v.2000, leg. ŽT, (SER).

**(57) *Falciconus pseudoplatani*** (Marshall, 1896)

*Drepanosiphum platanoidis* Schrank: on *Acer pseudoplatanus* (1 ♂), Suvaja, 14.vii.1998, leg. ŽT, (SER).

**(58) *Harkeria angustivalva*** (Starý, 1959)

*Nasonovia ribisnigri* Mosley: on *Hieracium* spp. (3 ♀1 ♂), Mt Kopaonik-Samokovska reka, 05.vii.2000, leg. ŽT, (SER).

**(59) *Lipolexis gracilis*** Förster, 1862

*Aphis craccivora* Koch: on *Medicago sativa* (1 ♂), Niš, 05.vi.1993, leg. VŽ, (SER); *Trifolium sativa* (1 ♀1 ♂), Bečmen, 16.v.1996, leg. ŽT, (SER); *Vicia faba* (3 ♀4 ♂), Smederevska Palanka, 07.vi.1997, leg. ŽT, (SER); *Aphis crepidis* (Börner): on *Crepis biennis* (1 ♂), Žitište, 22.vii.1997, leg. ŽT, (SER); *Aphis fabae* Scopoli: on *Althaea officinalis* (8 ♀2 ♂), Novi Sad, 10.vi.1997, leg. ŽT, (SER); *Arctium lappa* (5 ♀16 ♂), Ašanja, 15.vi.1995, leg. ŽT, (SER); *Cirsium arvense* (4 ♀3 ♂), Mt Suva planina-Glogovac, 16.vii.1999, New Belgrade-Tošin bunar, 26.v.2002, leg. ŽT, (SER); *Galium aparine* (1 ♀), Bela Zemlja-Dautovac, 05.vi.2001, leg. ŽT, (SER); *Papaver somniferum* (1 ♀), Kanjiža, 08.vi.1995, leg. ŽT, (SER); *Punica granatum* (3 ♀3 ♂), Virpazar, 30.iv.2001, leg. ŽT, (MNG); *Aphis gossypii* Glover: on *Chrysanthemum* sp. (11 ♀8 ♂), Kanjiža, 08.vi.1995, leg. ŽT, (SER); *Aphis intybi* Koch: on *Cichorium intybus* (4 ♀), Besni Fok, 10.vi.1997, leg. ŽT, (SER); *Aphis newtoni* Theobald: on *Iris pseudacorus* (1 ♀2 ♂), Belgrade-Galovica, 14.v.2000, leg. ŽT, (SER); *Aphis urticata* Gmelin: on *Urtica dioica* (15 ♀7 ♂), Čenta, 20.vi.1996, Mt Suva planina-Vlaška poljana, 19.vii.1999, Vrujci, 24.iv.2000, leg. ŽT, (SER); *Dipotamia-Kastoria*, 26.v.1999, [K2001], (GRE); *Dysaphis apiifolia* (Theobald): *Smyrnum orphanidis* (5 ♀3 ♂), Syros-Kyklades, 15.v.2001, (GRE); *D. pyri* (Boyer de Fonscolombe): on *Pyrus communis* (4 ♀), Neapolis-Kozani, 26.v.1999, [K2001], (GRE); *Metopeurum fuscoviride* Stroyan: on *Tanacetum vulgare* (1 ♂), Mt Suva planina-Toponički put, leg. ŽT, (SER);

*Myzus cerasi* (Fabricius) on *Prunus avium* (15 ♀11 ♂), Belgrade-M.M.Lug, 20.v.1993, leg. MB, Belgrade-Dusanovač, 06.vi.1995, leg. ŽT, Lugavčina, leg. OP, (SER); Nymphaia-Rodopi, 08.vi.1999, [K2001], (GRE).

(60) *Lysaphidus arvensis* Starý, 1960

*Macrosiphoniella artemisiae* (Boyer de Fonscolombe): on *Artemisia vulgaris* (5 ♀3 ♂), Belgrade-Voždovac, 30.vi.1995, leg. ŽT, (SER), Mt Durmitor-Barno jezero, 02.vii.1988, leg. AĆ, (MNG).

(61) *Lysaphidus viaticus* Sedlag, 1968

*Pleotrichophorus duponti* Hille Ris Lambers: on *Achillea millefolium* (3 ♀), Mt Durmitor-Zminje jezero, 17.viii.1997, leg. OP, (MNG); *Pleotrichophorus glandulosus* (Kaltenbach): on *Artemisia vulgaris* (541 ♀360 ♂), Belgrade-Radmilovac, 18.v.2001, Belgrade-Autokomanda, 05.vi.1999, leg. ŽT, Zemun, 10.vi.1999, Mt Goč, 23.x.1999, leg. OP, New Belgrade-Tošin bunar, 08.v.2001, 26.v.2002, leg. ŽT, (SER); *Achillea millefolium* (6 ♀3 ♂), Ečka, 24.v.2002, leg. ŽT, (SER).

(62) *Lysiphlebus balcanicus* Starý, 1998

*Aphis psammophila* Scelegiewicz: on *Jasione heldreichii* (6 ♀), Mt Vlasina, 21.vii.1990, leg. OP, 30.vii.1996, leg. ŽT, [STP1998], (SER).

(63) *Lysiphlebus cardui* (Marshall, 1896)

*Aphis fabae cirsiacanthoidis* Scopoli: on *Cirsium arvense* (160 ♀43 ♂), Surčin, 20.v.1989, 29.v.1993, 19.vi.1993, 04.vii.1993, Kovilovo, 15.vii.1993, New Belgrade-Tošin bunar, 26.v.2002, leg. ŽT, (SER); *C. pauciflorum* (1 ♀), Stara planina-Babin zub, 21.vii.1997, leg. ŽT, (SER); *Tragopogon* sp. (13 ♀3 ♂), Belgrade-Botanical Garden, 24.vi.1999, leg. ŽT, (SER).

(64) *Lysiphlebus confusus* Tremblay & Eady, 1978

*Aphis craccivora* Koch: on *Acacia retinodes* (2 ♀), Athens-Attica, 09.vi.1997, [K2001], (GRE); *Medicago arborea* (6 ♀17 ♂), Athens-Attica, 24.v.1999, [K2001], (GRE); *M. disciformis* (7 ♀), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Aphis cytisorum* Hartig: on *Spartium junceum* (238 ♀108 ♂), Kyparissia-Messinia, 21.v.1997, Pilion-Magnissia, 24.vi.1996, [K2001], (GRE); *Aphis fabae* Scopoli: on *Ammi majus* (2 ♀), Thiva-Voiochia, 25.v.2002, (GRE); *Galium mollugo* (10 ♀), Pilion-Magnissia, 24.vi.1996, [K2001], (GRE); *G. verticillatum* (14 ♀), Pilion-Magnissia, 24.vi.1996, [K2001], (GRE); *Rumex obtusifolius* (14 ♀1 ♂), Pilion-Magnissia, 30.v.1997, [K2001], (GRE); *R.*

*pulcher* (18 ♀13 ♂), Pilion-Magnissia, 30.v.1997, [K2001], (GRE); *Spinacia oleracea* (22 ♀11 ♂), Paramythia-Thesprotia, 30.v.1997, [K2001], (GRE); *Tordylium apulum* (14 ♀), Virpazar-Vranjina, 30.iv.2001, leg. ŽT, (MNG); *Aphis fabae cirsiacanthoidis* Scopoli on *Carduus australis* (1 ♀), Kopais-Attica, 27.v.1997, [K2001], (GRE); *Cirsium creticum* (4 ♀13 ♂), Kopais-Attica, 27.v.1997, [K2001], (GRE); *Aphis fabae solanella* Theobald: on *Solanum nigrum* (2 ♀1 ♂), Akraifnion-Voiochia, 21.iv.1997, [K2001], (GRE); *Aphis farinosa* Gmelin: on *Populus* sp. (5 ♀), Belgrade-Radmilovac, 18.vi.1999, leg. ŽT, (SER); *Salix caprea* (115 ♀3 ♂), Belgrade-Radmilovac, 18.vi.1999, leg. ŽT, (SER); *Aphis gossypii* Glover: on *Chrysanthemum coronarium* (6 ♀), Nafplion-Argolis, 05.vi.1997, [K2001], (GRE); *Citrus aurantium* (1 ♀), Kyparissia-Messinia, 21.v.1997, [K2001], (GRE); *C. sinensis* (29 ♀10 ♂), Filippias-Arta, 23.vi.1997, [K2001], (GRE); *Lonicera alpigena* (2 ♀), Athens-Attica, 24.v.1999, [K2001], (GRE); *Malva sylvestris* (8 ♀), Kyparissia-Messinia, 21.v.1997, [K2001], (GRE); *Aphis hederæ* Kaltenbach: on *Hedera helix* (4 ♀), Athens-Attica, 20.iv.1996, [K2001], (GRE); *Aphis idaei* van der Goot: on *Rubus idaeus* (1 ♀1 ♂), Psarades-Florina, 26.v.1999, [K2001], (GRE); *Aphis passeriniana* (del Guercio): on *Salvia officinalis* (30 ♀), Virpazar, 30.iv.2000, leg. ŽT, (MNG); *Aphis ruborum* (Börner): on *Rubus hirtus* (18 ♀2 ♂), Veroia-Katerini, 26.v.1999, Kopais-Voiochia, 27.v.1997, Nea Kios-Argolis, 07.v.1996, [K2001], (GRE); *R. ulmi-folius* (183 ♀210 ♂), Amalias-Ilia, 12.v.1996, 23.v.1997, Dimarion-Ksanthi, 06.vi.1999, [K2001], (GRE); *Aphis schneideri* Börner: on *Ribes nigrum* (1447 ♀4 ♂), Užice-Carina, 30.vi.1991, 01.vii.1996, 28.vi.1999, 19.v.2000, 11.vi.2000, leg. ŽT, (SER); *Aphis umbrella* (Börner): on *Malva sylvestris* (33 ♀), Paramythia-Thesprotia, 03.v.1997, [K2001], (GRE); *Aphis urticata* Gmelin: on *Urtica dioica* (5 ♀1 ♂), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Aphis* sp. on unknown plant (GRE); *Brachycaudus cardui* (L.): *Carduus acanthoides* (19 ♀6 ♂), Pilion-Magnissia, 25.v.2002, (GRE); *C. crispus* (3 ♀), Neapoilis-Kozani, 27.v.1996, [K2001], (GRE); *Cirsium italicum* (50 ♀41 ♂), Katsikas-Ioannina, 18.vi.1999, [K2001], (GRE); *C. vulgare* (6 ♀4 ♂), Katsikas-Ioannina, 18.vi.1999, [K2001], (GRE); *Onopordum acanthium* (25 ♀11 ♂), Niki-Florina, 26.v.1999, [K2001], (GRE); *Dysaphis apiifolia*

(Theobald): *Smyrnum orphanidis* (11 ♀1 ♂), Syros-Kyklades, 15.v.2001, (GRE); *Myzus persicae* (Sulzer): on *Capsicum annuum* (2 ♀), Heraklion-Heraklion, 14.iii.1997, [K2001], (GRE); *Solanum melongena* (9 ♀1 ♂), Athens-Attica, 23.v.1997, [K2001], (GRE); *Semiaphis dauci* Fabricius: on *Daucus carota* (120 ♀73 ♂), Carska bara, 02.vii.1996, Bački Monoštor, 16.vii.1996, leg. OP, (SER).

**(65) *Lysiphlebus dissolutus*** (Nees, 1811)

Unknown host, (BUL).

**(66) *Lysiphlebus fabarum*** (Marshall, 1896)

*Anoecia corni* (Fabricius): on *Triticum aestivum* (1 ♀1 ♂), Mt Suva planina-Vetanska reka, 17.vi.1997, leg. ŽT, (SER); *Aphis* spp.: on *Crepis biennis* (2 ♀), Žitište, 22.vii.1997, leg. ŽT, (SER); *Clematis* sp. (38 ♀), Užice-Đetinja, 26.vi.1999, leg. ŽT, (SER); *Epilobium* sp. (15 ♀4 ♂), Sombor, 16.vii.1996, leg. OP, (SER); *Lamium* sp. (55 ♀1 ♂), Zemun, 23.vi.1995, Lugavčina, 06.vi.1999, leg. OP, (SER); *Lilium* sp. (6 ♀26 ♂), Belgrade-Zvezdara, 10.x.1997, leg. ŽT, (SER); *Lycopus europaeus* (1 ♀), Petnica, 17.v.1998, leg. ŽT, (SER); *Pittosporum tobira* (25 ♀), Rovinj, 07.vi.1988, leg. MB, (CRO); *Salvia verticillata* (13 ♀8 ♂), Mt Beljanica-Resava, 11.vii.1998, leg. ŽT, Crna trava, 22.vii.2001, leg. OP, (SER); *Spartium junceum* (12 ♀), Rovinj, 07.vi.1986, leg. MB, (CRO); *Symphytum officinale* (92 ♀43 ♂), Valjevo-Petnica, 20.v.1996, Ečka, 31.v.2001, leg. ŽT, (SER); *Tordylium maximum* (4 ♀9 ♂), Mt Suva planina-Vtanska reka, 16.vii.1997, leg. ŽT, (SER); *Tragopogon* sp. (35 ♀), Belgrade-Botanical Garden, 24.vi.1999, leg. ŽT, (SER); *Aphis afinis* De Guer: on *Mentha aquatica* (35 ♀), Surčin, 20.v.1989, Belgrade-Radmilovac, 12.vi.1995, leg. OP, Užice-Duboko, 18.vi.1995, leg. ŽT, (SER); Pilion-Magnissia, 24.vi.1996, [K2001], (GRE); *Aphis balloti-cola* Szelegiewicz: on *Ballota nigra* (295 ♀8 ♂), Belgrade-Avala, 01.vi.1996, Obedska bara, 07.vi.1997, Stara Pazova, 10.vi.1997, Belgrade-Radmilovac, 18.vi.1999, leg. ŽT, (SER), Nikšić, 30.vi.2000, leg. OP, (MNG); *Aphis carlinae* (Börner): on *Carlina acaulis* (2 ♀), Mt Šara-Ošljak, 04.vii.1995, leg. OP, (SER); *Aphis celastrii* Matsumura: on *Centaurea retusa* (6 ♀), Divčibare, 08.viii.2000, leg. OP, (SER); *Aphis confusa* Walker: on *Knautia dipsacifolia* (1 ♀), Mt Durmitor-Velika kalica, 10.viii.1992, leg. OP, (MNG); *Aphis craccivora* Koch: on *Atriplex patula* (1 ♀),

Zemun, 09.vii.1996, leg. OP, (SER); *A. tatarica* (22 ♀7 ♂), Palić, 06.ix.1995, leg. ŽT, (SER); *Cardaria draba* (31 ♀), Pilion-Magnissia, 29.v.1997, [K2001], (GRE); *Dorycnium herbaceum* (1 ♀1 ♂), Zlatarsko jezero, 20.vi.1998, leg. ŽT, (SER); *Medicago disciformis* (44 ♀), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *M. lupulina* (58 ♀37 ♂), Užice-Đetinja, 26.vi.1999, leg. OP, (SER); *M. sativa* (163 ♀112 ♂), Niš, 05.vi.1993, leg. VŽ, Kosmaj-Babe, 24.v.1995, Palić, 06.ix.1995, Žabalj, Zrenjanin, Bečej, 20.vi.1996, Besni fok, Kač, 10.vi.1997, Perlez, Senta, 23.vi.1997, Petnica, 28.vi.1997, leg. ŽT, (SER); *Melilotus alba* (2 ♀), Athens-Attica, 12.iv.1996, [K2001], (GRE); *M. neapolitana* (5 ♀), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *M. officinalis* (18 ♀), Žitište, 22.vi.1997, leg. ŽT, (SER); Nafplion-Argolis, 4.viii.1997, [K2001], (GRE); *M. sulcata* (1 ♀), Athens-Attica, (GRE), 23.v.1997, [K2001], (GRE); *Phaseolus vulgaris* (9 ♀), Užice-Duboko, 18.vi.1995, leg. ŽT, (SER); *Robinia pseudacacia* (35 ♀1 ♂), Deliblatska peščara-Devojački bunar, 29.vi.1992, leg. OP, (SER), Ormenion-Evros, 07.vi.1999, Samothraki-Evros, 02.viii.1997, [K2001], (GRE); *Trigonella procumbens* (1 ♀4 ♂), Uzdin, 22.vi.1997, Kostolac, 02.vi.2001, leg. ŽT, (SER); *Trifolium pratense* (70 ♀28 ♂), Mt Beljanica, 31.vii.1996, leg. OP, (SER); *Aphis crepidis* (Börner): on *Crepis biennis* (17 ♀1 ♂), Mol, 23.vi.1997, leg. ŽT, (SER); *Aphis davletshinae* Hille Ris Lambers: on *Althaea officinalis* (17 ♀), Surčin, 20.v.1989, leg. OP, (SER); *Aphis fabae* Scopoli: on *Althaea officinalis* (20 ♀), Novi Sad, 10.vi.1997, leg. ŽT, (SER); *Ammi majus* (327 ♀), Tanagra-Voiotia, 03.vi.1997, [K2001], (GRE); *Arctium lappa* (2 ♂), Mt Suva planina-Vetanska reka, leg. ŽT, (SER); *Amaranthus retroflexus* (1 ♀1 ♂), Belgrade-Crveni krst, 05.vii.1996, leg. ŽT, (SER); *Beta vulgaris* (2 ♂), Zemun, 27.ix.1990, leg. ŽT, (SER); *Carduus acanthoides* (5 ♀16 ♂), Mt Stara planina-Balta Berilovac, 22.vii.1997, leg. ŽT, (SER); *Chenopodium album* (216 ♀2 ♂), Zemun, 30.x.1990, 17.x.1991, leg. OP, Belgrade-Botanical Garden, 29.vi.1996, leg. ŽT, Niš-Kunovica, 16.x.1998, leg. VŽ, (SER), Athens-Attica, 23.v.1997, [K2001], (GRE); *C. bonus-henricus* (29 ♀), Tripolis-Arkadia, 21.v.1997, [K2001], (GRE); *Coreopsis verticillata* (13 ♀), Zemun, 17.x.1991, leg. OP, (SER); *Evonymus europaeus* (5 ♀), Belgrade-Botanical Garden, 17.vi.1997, leg.

ŽT, (SER); *Galium aparine* (30 ♀), Belgrade-Dušanovac, 20.v.1993, leg. ŽT, (SER), Athens-Attica, 12.iv.1997, [K2001], (GRE); *G. mollugo* (42 ♀), Pilion-Magnissia, 24.vi.1996, [K2001], (GRE); *G. verticillatum* (39 ♀), Pilion-Magnissia, 24.vi.1996, [K2001], (GRE); *Heracleum sphondylium* (26 ♀2 ♂), Belgrade-Botanical Garden, 29.vi.1996, Mt Suva planina-Toponički put, 19.vii.1997, leg. ŽT, (SER); *Levisticum officinale* (25 ♀), Užice, 14.viii.1999, leg. ŽT, (SER); *Matricaria inodora* (36 ♀), Surčin, 12.v.1989, leg. OP, (SER); *Papaver somniferum* (439 ♀221 ♂), Kanjiža, 08.vi.1995, leg. ŽT, (SER); *Pastinaca sativa* (11 ♀3 ♂), Belgrade-Radmilovac, 22.viii.1996, leg. OP, (SER); *Pitosporum tobira* (114 ♀), Budva, 21.vi.2001, leg. ŽT, (MNG); *Phaseolus vulgaris* (1 ♀), Kovačica, 22.vi.1996, leg. ŽT, (SER); *Rumex acetosella* (1 ♀), Kač, 10.vi.1997, leg. ŽT, (SER); *R. crispus* (6 ♀), Kozani-Kozani, 28.v.1999, [K2001], (GRE); *R. pulcher* (1 ♀), Pilion-Magnissia, 30.v.1997, [K2001], (GRE); *R. obtusifolius* (6 ♀), Belgrade-Dušanovac, 29.v.1993, leg. ŽT, (SER), Pilion-Magnissia, 02.v.1997, [K2001], (GRE); *Tanacetum parthenium* (129 ♀66 ♂), Mt Šara-Muržička reka, 21.vii.1995, Mt Beljanica-Suvaja, 11.vii.1997, leg. OP, (SER); *Torilis arvensis* (95 ♀), Kopais-Voiotia, 03.vi.1997, [K2001], (GRE); *Urtica urens* (2 ♀), Kumane, 20.vi.1996, leg. ŽT, (SER); *Zea mays* (2 ♀1 ♂), Mt Beljanica, 30.vii.1996, leg. OP, (SER); *Aphis fabae cirsiacanthoidis* Scopoli: on *Carduus australis* (156 ♀), Kopais-Voiotia, 27.v.1997, [K2001], (GRE); *Cirsium eriophorum* (2 ♀7 ♂), Mt Vlasina, 24.vii.1997, leg. ŽT, (SER); *C. lanceolatum* (13 ♀85 ♂), Mt Stara planina-Balta Berilovac, 20.vii.1997, leg. ŽT, (SER); *Cirsium arvense* (287 ♀46 ♂), Surčin, 29.v.1993, Mt Vlasina, 01.viii.1996, 24.vii.1997, Mt Suva planina-Glogovac, 16.vii.1999, Kovilovo, 11.vi.1999, Belgrade-Radmilovac, 18.vi.1999, Ečka, 31.v.2001, leg. ŽT, (SER), Gemisti-Evros, 07.vii.1999, [K2001], (GRE); *C. creticum* (46 ♀), Kopais-Voiotia, 27.v.1997, [K2001], (GRE); *Ptilostemon strictus* (92 ♀), Nymphaia-Rodopi, 08.vi.1999, [K2001], (GRE); *Silybum marianum* (11 ♀), Kozani-Kozani, 28.v.1999, [K2001], (GRE); *Aphis fabae solanella* Theobald: on *Solanum nigrum* (157 ♀1 ♂), Obedska bara, 15.vi.1996, Apatin-Prigrevica, Srbobran, 27.ix.1997, Vršac, 02.x.1997, leg. ŽT, (SER), Akraifnion-Voiotia, (GRE), 21.iv.1997 [K2001], (GRE); *Aphis gen-*

*tianae* (Börner): on *Gentiana asclepiadae* (1 ♀), Mt Stara planina-Babin zub, 19.vii.1994, leg. OP, (SER); *Aphis gossypi* Glover: on *Chaenomeles japonica* (37 ♀), Paliouri-Halkidiki, 09.v.1999, [K2001], (GRE); *Chrysanthemum* sp. (1 ♀1 ♂), Kanjiža, 08.vi.1995, (SER); *Citrus aurantium* (1 ♀), Nafplion-Argolis, 14.iv.1997, [K2001], (GRE); *Cucumis sativus* (1 ♀), Užice-Carina, 05.viii.1996, leg. ŽT, (SER); *Hibiscus mutabilis* (10 ♀), Athens-Attica, 18.ix.1996, [K2001], (GRE); *Lapsana communis* (6 ♀), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Lonicera alpigena* (11 ♀), Athens-Attica, 24.v.1999, [K2001], (GRE); *Malva sylvestris* (10 ♀), Kyparissia-Messinia, 21.v.1997, [K2001], (GRE); *Nerium oleander* (3 ♀), Athens-Attica, 27.v.1996, [K2001], (GRE); *Aphis farinosa* Gmelin: on *Salix cinerea* (5 ♀), Mt Zlatar-Aljinovići, 12.vii.1991. Mt Šara, 21.vii.1995, leg. OP, (SER); *Aphis frangulae* Koch: on *Rhamnus fallax* (1 ♀), Mt Durmitor-Crno jezero, 02.vii.1998, leg. ŽT, (MNG); *Aphis idaei* van der Goot: on *Rubus idaeus* (1,637 ♀), Petnica, 18.v.1998, Vrujci-Berkovac, 30.iv.2000, leg. ŽT, (SER), Psarades-Florina, 26.v.1999, [K2001], (GRE); *Aphis intybi* Koch: on *Cichorium intybus* (3 ♀), Bela Crkva, 13.vi.1996, leg. ŽT, (SER), Zlatni pjasci, viii.1975, leg. PS, (BUL); *Aphis nasturtii* Kaltenbach: on *Punica granatum* (1 ♀), Belgrade-Crveni krst, 17.vii.1996, leg. ŽT, (SER); *Aphis newtoni* Theobald: on *Iris germanica* (25 ♀), Belgrade, 13.x.1997, leg. ŽT, (SER); *Aphis oenotherae* Oestlund: on *Oenothera biennis* (31 ♀2 ♂), New Belgrade (45), 05.vi.2002, leg. ŽT, (SER); *Aphis origani* Passerini: on *Nepeta nuda* (8 ♀1 ♂), Mt Durmitor-Donja Bukovica, 14.viii.1992, leg. OP, Mt Beljanica, 12.vii.1998, leg. ŽT, (SER, MNG); *Aphis pomi* De Geer: on *Malus domestica* (1 ♀1 ♂), New Belgrade, 15.xi.1992, leg. OP, (SER); *Aphis ruborum* Börner: on *Rubus idaeus* (3 ♀), Čačak-Zdravljak, 24.v.2000, leg. ŽT, (SER); *R. hirtus* (130 ♀), Akraifnion-Voiotia, 27.v.1997, Veroia-Imathia, 28.v.1999, Kopais-Voiotia, 27.v.1997, [K2001], (GRE); *R. ulmifolius* (87 ♀), Dimarion-Ksanthi, 06.vi.1999, Katsikas-Ioannina, 18.vi.1999, [K2001], (GRE); *Aphis salviae* Walker: on *Salvia nemorosa* (1 ♀9 ♂), Uzdin, 22.vi.1997, leg. ŽT, (SER); *Aphis sanguisorbie* Schrank: on *Sanguisorba minor* (41 ♀2 ♂), Žabljak, 18.viii.1997, leg. ŽT, (MNG); *Aphis serpylli* Koch: on *Thymus* sp. (4 ♀1 ♂), Zlatar, 13.vii.1991, leg. OP, (SER);

***Aphis spiraeicola*** Patch: on *Chaenomeles japonica* (21 ♀), Athens-Attica, 07.v.1996, [K2001], (GRE); *Senecio bicolor* ssp. *cineraria* (34 ♀), Athens-Attica, 07.vii.1996, [K2001], (GRE); ***Aphis taraxiacola*** Börner: on *Taraxacum officinale* (27 ♀), Belgrade-Dušanovac, 08.v.1993, 29.v.1993, Belgrade-Crveni krst, 14.vi.1997, leg. ŽT, (SER); ***Aphis umbrella*** Börner: on *Malva neglecta* (2 ♀), Alejandroupolis-Evros, 18.x.1998, [K2001], (GRE); *M. sylvestris* (11 ♀), Belgrade-Kalemegdan, 29.ix.1990, New Belgrade, 23.xi.1991, Zemun, 07.xii.1991, Belgrade-Radmilovac, 22.vi.1995, leg. OP, (SER); ***Aphis urticata*** Gmelin: on *Urtica dioica* (267 ♀2 ♂), Lugavčina, 15.iv.1990, leg. OP, Kokin brod, 12.vii.1991, Belgrade-Dušanovac, 08.v.1993, Surčin, 23.v.1993, 02.v.1995, Kanjiža, 08.vi.1995, Omoljica, 13.vi.1996, Čenta, 20.vi.1996, Belgrade-Radmilovac, 20.v.1996, 10.vi.1997, 13.v.1998, Užice-Trešnjica, 23.vii.1996, Novi Sad, 10.vi.1997, leg. ŽT, (SER), Amalias-Ilija, 12.v.1996, [K2001], (GRE); ***Aphis verbasci*** Schrank: on *Verbascum* sp. (27 ♀1 ♂), Gornjane, 06.vii.1990, Belgrade, 12.x.1990, Mt Kopaonik-Brzeća, 25.viii.1998, leg. OP, (SER); ***Aphis viburni*** Scopoli: on *Viburnum opulus* (2 ♀), Belgrade-Žarkovo, 19.iv.1990, leg. OP, (SER); ***Brachycaudus cardui*** L.: on *Arctium lappa* (44 ♀), Dimarion-Ksathi, 06.vi.1999, [K2001], (GRE); *Carduus acanthoides* (262 ♀114 ♂), Zrenjanin, 20.vi.1996, Užice-Trešnjica, 23.vii.1996, Mt Beljanica, 03.viii.1996, Bečej, Mol, Rusko selo, Sefkerin, Perlez, 23.vi.1997, Mt Suva planina-Glogovac, 16.vii.1997, Mt Stara planina-Balta Berilovac, Mt Stara planina-Custica, 20.vii.1997, leg. ŽT, Mt Beljanica, 12.vii.1998, leg. OP, (SER), Pilion-Magnissia, 24.vi.1996, [K2001], (GRE); *C. australis* (1 ♀), Kopais-Voiotia, 02.vi.1997, [K2001], (GRE); *C. crispus* (17 ♀), Neapolis-Kozani, 27.v.1999, [K2001], (GRE); *Cirsium eriophorum* (32 ♀5 ♂), Mt Suva planina-Korube, 17.vii.1997, leg. ŽT, (SER); *C. italicum* (39 ♀), Katsikas-Ioannina, 18.vi.1999, [K2001], (GRE); *C. lanceolatum* (85 ♀5 ♂), Mt Beljanica, 12.vii.1997, leg. ŽT, (SER); *Onopordum acanthium* (61 ♀), Niki-Florina, 26.iv.1999, [K2001], (GRE); *Prunus cerasifera* (1 ♂), Mt Durmitor-Donja Bukovica, 12.viii.1993, leg. OP, (MNG); ***Brachycaudus schwartzi*** (Börner): on *Prunus persica* (17 ♀47 ♂), Belgrade, 02.v.1995, Belgrade-Radmilovac, 10.v.1995, Lugavčina, 24.v.1995, leg. OP, (SER);

***Brachycaudus helichrysi*** (Kaltenbach): on *Cirsium vulgare* (18 ♀), Thessaloniki-Thessaloniki, 09.v.1999, [K2001], (GRE); *Ptilostemon strictus* (18 ♀), Nymphaia-Rodopi, 08.vi.1999, [K2001], (GRE); *Prunus dulcis* (13 ♀), Thessaloniki-Thessaloniki, 09.v.1999, [K2001], (GRE); *P. persica* (12 ♀2 ♂), Belgrade-Radmilovac, 10.v.1995, leg. OP, (SER); ***Brachycaudus lychnidis*** (L.): on *Lychnis coronaria* (4 ♀), Paramythia-Thesprotia, 03.v.1997, [K2001], (GRE); ***Dysaphis apiifolia*** (Theobald): *Smyrniium orphanidis* (14 ♀), Syros-Kyklades, 15.v.2001, (GRE); ***Hyalopterus pruni*** (Geoffrey): on *Phragmites australis* (1 ♀), Belgrade-Radmilovac, 10.v.1995, leg. OP, (SER); *Prunus cerasifera* (23 ♀6 ♂), Belgrade-Karadorđev park, 08.vi.1996, leg. ŽT, (SER); ***Hyperomyzus picridis*** (Börner and Blunck): on *Picris hieracioides* (34 ♀), Palić, 06.ix.1995, leg. ŽT, (SER); ***Myzus cerasi*** (Fabricius): on *Prunus avium* (14 ♀), Nymphaia-Rodopi, 08.vi.1999, [K2001], (GRE); ***Myzus persicae*** (Sulzer): on *Capsicum annuum* (8 ♀), Kikinda, 23.vi.1997, leg. ŽT, (SER), Herakleion-Herakleion, 13.iii.1997, (GRE); *Nicotiana tabacum* (2 ♀), Agrinion-Aitolookarnania, 07.viii.1995, [K2001], (GRE); *Polygonum aviculare* (1 ♀2 ♂), Mt Suva planina-Toponički put, 19.vii.1997, leg. ŽT, (SER); ***Phorodon humuli*** (Schrank): on *Prunus cerasifera* (1 ♀), New Belgrade, 17.vi.1993, leg. OP, (SER); ***Semiaphis dauci*** (Fabricius): on *Daucus carota* (73 ♀23 ♂), Carska bara, 02.vii.1996, leg. OP, (SER); ***Rhopalosiphum maidis*** (Fitch): on *Triticum durum* (2 ♀), Athens-Attica, 04.iv.1996, [K2001], (GRE); ***Sitobion avenae*** (Fabricius): on *Lolium italicum* (4 ♀), Obrenovac, 15.vi.1989, leg. OP, (SER); ***Toxoptera aurantii*** (Boyer de Fonscolombe): on *Citrus aurantium* (18 ♀), Nafplion-Argolis, 05.vi.1997, [K2001], (GRE); ***Uroleucon jaceae*** (L.): on *Carlina corymbosa* ssp. *graeca* (1 ♀), Kyparissia-Messinia, 21.v.1997, [K2001], (GRE).

**(67) *Lysiphlebus fritzmuelleri*** Mackauer, 1960

***Aphis craccae*** L.: on *Vicia cracca* (3 ♀19 ♂), Suva planina-Vetanska reka, 16.vii.1997, leg. ŽT, (SER); *V. incana* (5 ♀1 ♂), Mt Zlatar-Aljinovići, 12.vii.1991, leg. OP, (SER); *Vicia* spp. (8 ♀3 ♂), Mt Zlatibor-Marinkova kosa, 24.vii.1998, Mt Kopaonik-Brzeća, 18.viii.1998, leg. ŽT, (SER); ***Aphis*** sp.: on *Mentha* sp. (2 ♀1 ♂), Mojkovac-Štitovica, 23.vii.2001, leg. ŽT, (MNG); *Epilobium angustifolium* (4 ♀2 ♂), Velje Duboko, 27.vii.2001, leg. ŽT,

(MNG).

**(68) *Lysiphlebus hirticornis*** Mackauer, 1960

*Metopeurum fuscoviride* Stroyan: on *Tanacetum vulgare* (68 ♀62 ♂), Mt Vlasina, 24.vii.1990, 24.vii.2001, Bački Monoštor, 16.vii.1996, leg. OP, Mt Suva planina-Glogovac, 12.vii.1999, Mt Suva planina-Toponički put, 16.vii.1999, leg. ŽT, (SER).

**(69) *Lysiphlebus melandriicola*** Starý, 1961

*Brachycaudus lychnidis* L.: on *Silene alba* (2 ♀), Zemun, 29.iv.1991, leg. OP, (SER).

**(70) *Lysiphlebus testaceipes*** (Cresson, 1880)

*Aphis craccivora* Koch: on *Citrus deliciosa* (27 ♀19 ♂), Lehaina-Ilia, 13.vi.1996, [K2001], (GRE); *Medicago disciformis* (2 ♀2 ♂), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Melilotus neapolitana* (2 ♀1 ♂), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *A. fabae* Scopoli: on *Chenopodium rubrum* (3 ♀), Katsaros-Messinia, 21.v.1997, [K2001], (GRE); *A. gossypii* Glover: on *Amaranthus lividus* (5 ♀2 ♂), Katsaros-Messinia, 21.v.1997, [K2001], (GRE); *Chamomilla recutita* (10 ♀7 ♂), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Chrysanthemum coronarium* (12 ♀7 ♂), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Citrus aurantium* (150 ♀155 ♂), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *C. deliciosa* (17 ♀14 ♂), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *C. sinensis* (343 ♀339 ♂), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *Hibiscus syriacus* (78 ♀42 ♂), Kalamata-Messinia, 21.v.1997, Kyparissia-Messinia, 21.v.1997, [K2001], (GRE); *Lapsana communis* (306 ♀233 ♂), Amalias-Ilia, 12.v.1996, [K2001], (GRE); *A. nerii* Boyer de Fonscolombe: on *Nerium oleander* (11 ♀9 ♂), Kyparissia-Messinia, 03.vi.1996, [K2001], (GRE), Bečići, 22.vi.2001, leg. ŽT, (SER); *A. ruborum* (Börner): on *Rubus ulmifolius* (12 ♀10 ♂), 12.v.1996, [K2001], (GRE); *A. urticata* Gmelin: on *Urtica dioica* (35 ♀68 ♂), Amalias-Attica, 23.v.1997, [K2001], (GRE); *Aphis* sp.: on *Glechoma hederacea* (9 ♀9 ♂), Kyparissia-Messinia, 18.v.1997, [K2001], (GRE); *Tunica* sp. (2 ♀), Pula, 12.ix.1990, leg. OP, (CRO); *Rhopalosiphum maidis* (Fitch): on *Citrus aurantium* (11 ♀), Kyparissia-Messinia, 12.v.1996, (GRE); *Triticum aestivum* (10 ♀8 ♂), Kyparissia-Messinia, 03.vi.1996, [K2001], (GRE); *Toxoptera aurantii* (Boyer de Fonscolombe): on *Citrus aurantium* (13 ♀5 ♂), Kyparissia-Messinia, 03.vi.1996, [K2001], (GRE); Lastva Grbaljska, leg. SR, (MNG); *C. deliciosa* (7 ♀11 ♂), Amalias-Ilia, 03.vi.1996, [K2001],

(GRE); *C. limon* (8 ♀), Kyparissia-Messinia, 03.vi.1996, [K2001], (GRE); *C. sinensis* (8 ♀14 ♂), Kyparissia-Messinia, 03.vi.1996, [K2001], Lastva Grbaljska, 13.xi.2000, leg. SR, (MNG).

**(71) *Monoctonus crepidis*** (Haliday, 1834)

*Hyperomyzus hieracii* (Börner): on *Hieracium* sp. (1 ♀), Mt Durmitor-Zminje jezero, 13.vii.2000, leg. ŽT, (MNG); *Nasonovia ribisnigri* Mosley: on *Hieracium pilosella* (3 ♀2 ♂), Mt Vlasina-Luinci, 24.vii.1997, leg. ŽT, (SER); *Nasonovia* sp.: on *Cichorium intybus* (8 ♀2 ♂), Mt Durmitor-NP, 18.vii.2000, leg. OP, (MNG); *Hieracium murorum* (52 ♀39 ♂), Mt Durmitor-Ivan do, 30.vi.2002, leg. ŽT, (MNG); *Hieracium* spp. (394 ♀201 ♂), Mt Durmitor-Crno jezero, 01.vii.1998, Mt Durmitor-Zminje jezero, 02.vii.1998, 13.vii.2000, Mt Durmitor-Ražana glava, 04.vii.1998, Mt Durmitor-Mioč poljana, Mt Durmitor-Mlinski potok, 14.vii.2000, leg. ŽT, (MNG), Mt Kopaonik-Marina voda, Mt Kopaonik-Ledenica, 03.vii.2000, Mt Kopaonik-Lisiče stene, Mt Kopaonik-Samokovska reka, Mt Kopaonik-Markov kamen, 05.vii.2000, (SER); *Lapsana communis* (2 ♀4 ♂), 17.vii.1997, leg. ŽT, (SER).

**(72) *Monoctonus mali*** van Achterberg, 1989

*Dysaphis reamuri* (Mordvilko): on *Pyrus communis* (2 ♂), Belgrade-Radmilovac, 13.v.1998, leg. ŽT, (SER); *Dysaphis* sp.: on *Malus domestica* (1 ♀), Mt Šara-Brezovica, 20.vii.1995, leg. OP, (SER); *Rhopalosiphum insertum* Walker: on *Malus domestica* (2 ♀), Belgrade, 08.v.1995, leg. OP, (SER).

**(73) *Monoctonus leclanti*** Tomanović & Starý, 2002

*Delphiniobium junackianum* Karsch: on *Aconitum pentheri* (1 ♀), Mt Kopaonik-Metode, 07.viii.2000, leg. ŽT, [TSP2002], (SER); *A. toxicum* ssp. *bosniacum* (6 ♀1 ♂), Mt Kopaonik-Metode, 18.viii.1998, 20.vii.1999, leg. OP, [TSP2002], (SER), Mt Durmitor-Crno jezero, 15.viii.1997, leg. OP, [TSP2002], 19.vii.2000, Mt Durmitor-Sušica canyon, 02.vii.2002, leg. ŽT, (MNG).

**(74) *Monoctonus nervosus*** (Haliday, 1833)

*Acyrtosiphon* sp.: on *Salix retusa* (3 ♀11 ♂), Mt Durmitor-Mali meded, 06.vii.1998, 14.vii.2000, Mt Durmitor-Ledena pećina, 17.vii.2000, leg. ŽT, (MNG).

**(75) *Paralipsis enervis*** (Nees, 1834)

*Forda formicaria* von Heyden: on *Bromus ster-*



*ilis* (1 ♀4 ♂), Petnica, 18.v.1998, leg. ŽT, (SER); ***Geoica utricularia*** (Passerini): on *Triticum aestivum* (3 ♀), Indija, 10.vi.1997, leg. ŽT, (SER); by sweeping: Mt Bistra (4 ♂), leg. AČ, (FYRM), Sićevačka klisura (1 ♀), 21.iv.1996, leg. VŽ, Mt Stara planina-Midžor (1 ♀), leg. ST (SER).

(76) ***Pauesia cupressobii*** (Starý, 1960)

***Cinara* sp.:** on *Juniperus communis* (2 ♀), Mt Durmitor-Jablan jezero, 16.viii.1997, leg. OP, (MNG).

(77) ***Pauesia jezoensis*** (Watanabe, 1941)

***Cinara maritimae*** (Dufour): on *Pinus pinea* (2 ♀), Vrahation-Korinthia, 07.v.1996, [K2001], (GRE).

(78) ***Pauesia juniperorum*** (Starý, 1960)

***Cupressobium juniperi*** De Geer: on *Juniperus* sp. (10 ♀7 ♂), Obedska bara, 15.vi.1996, Petnica, 18.v.1998, leg. ŽT, (SER).

(79) ***Pauesia picta*** (Haliday, 1834)

***Cinara pinea*** Mordvilko: on *Pinus sylvestris* (7 ♀4 ♂), Petnica, 27.vi.1997, 18.v.1998, Mt Zlatibor-Nerandža, 24.vii.1998, (SER); ***Cinara* spp.:** on *Picea excelsa* (1 ♀), Mt Kopaonik-Lisiče stene, 05.vii.2000, leg. ŽT, (SER); *Pinus nigra* (2 ♀), Mt Zlatibor-Ribničko jezero, 27.vii.1998, Mt Zlatibor-Smiljanića zakos, 06.viii.1999, leg. ŽT, (SER).

(80) ***Pauesia pini*** (Haliday, 1834)

***Cinara* spp.:** on *Pinus nigra* (4 ♂), Petnica, 20.v.1996, Mt Vlasina-Čemernik, 30.vii.1996, leg. ŽT, (SER).

(81) ***Pauesia silana*** Tremblay, 1969

***Cinara palaestinensis*** Hille Ris Lambers: on *Pinus pinea* (16 ♀15 ♂), Athens-Attica, 01–20.iv.1996, 05.v.1997, [K2001], (GRE).

(82) ***Pauesia unilachni*** (Gahan, 1927)

***Schizolachnus pineti*** (Fabricius): on *Pinus nigra* (1 ♀), Vrujci-Berkovac, 30.iv.2000, leg. ŽT, (SER); *P. sylvestris* (7 ♀3 ♂), Mt Zlatar-Radoinsko jezero, 20.vi.1998, Mt Zlatibor-Nerandža, 24.vii.1998, Vrujci-Berkovac, 30.iv.2000, leg. ŽT, (SER).

(83) ***Praon abjectum*** (Haliday, 1833)

***Aphis craccivora*** Koch: on *Robinia pseudacacia* (3 ♀), New Belgrade, 03.vi.1999, leg. ŽT, (SER), Prijedor, 29.v.1995, leg. ŽT, (BOS); ***Aphis epilobii*** Kaltenbach: on *Epilobium* sp. (1 ♀), Mt Durmitor-Žabljak, 27.viii.1991, leg. OP, (MNG); ***Aphis fabae*** Scopoli: on *Phylladelphus coronarius* (1 ♀5 ♂), Belgrade-Dušanovac, 06.vi.1995, leg. ŽT, (SER); *Pisum sativum* (2 ♂), Smederevska Palanka, 13.vi.1997, leg. ŽT, (SER); ***Aphis grossulariae***

Kaltenbach: on *Epilobium hirsutum* (2 ♀), Gornjane, 06.vii.1990, leg. OP, (SER); ***Aphis sambuci*** L.: on *Sambucus nigra* (4 ♂), Kovilovo, 16.v.1993, Belgrade-Topčider, 26.v.2000, leg. ŽT, (SER); ***Aphis spiraeophaga*** Müller: on *Spiraea media* (1 ♀5 ♂), Surčin, 03.iv.1990, leg. OP, (SER); ***Brachycaudus helichrysi*** (Kaltenbach): on *Tanacetum macrophyllum* (18 ♀12 ♂), Mt Kopaonik-Metode, 07.vii.2000, leg. ŽT, (SER); ***Liosomaphis berberidis*** Kaltenbach: on *Berberis vulgaris* (1 ♂), New Belgrade (45), 13.v.2000, leg. ŽT, (SER); *Mahonia aquifolium* (SER); ***Longicaudus trirhodus*** (Walker): on *Thalictrum aquilegifolium* (2 ♀2 ♂), Mt Durmitor-Indina dolina, 14.vii.2000, Mt Durmitor-Pištaline, 01.vii.2001, Mt Durmitor-Skakala, 02.vii.2002, leg. ŽT, (MNG).

(84) ***Praon absinthii*** Bignell, 1894

***Macrosiphoniella tanacetaria*** (Kaltenbach): on *Tanacetum vulgare* (1 ♂), Ljig, 18.v.1990, leg. OP, (SER).

(85) ***Praon athenaeum***<sup>#</sup> Kavallieratos & Lykoursis, 2000

***Hyperomyzus lactucae*** (L.): on *Sonchus oleraceus* (4 ♀), Athens-Attica, 21.v.1995, Ksanthi-Ksanthi, 06.vi.1999, [K1999–2000], (GRE).

(86) ***Praon barbatum*** Mackauer, 1967

***Acyrtosiphon pisum*** (Harris): on *Medicago sativa* (77 ♀63 ♂), Agrokipia, v.1978, leg. PA, (CYP), Kovilovo, 07.v.1992, 10.v.1992, 14.v.1992, 31.v.1992, 08.vi.1992, 14.vi.1992, 21.vi.1992, 15.vii.1992, 26.vii.1992, 16.viii.1992, 13.ix.1992, 02.v.1993, 10.v.1993, 05.vi.1993, 11.vi.1993, 03.vii.1993, 15.vii.1993, 14.ix.1993, 24.ix.1993, 14.x.1993, Surčin, 11.v.1993, 17.v.1993, 16.vii.1993, 07.ix.1993, 23.ix.1993, 10.x.1993, 28.iv.1994, 23.v.1994, leg. ŽT, (SER), Nikšić, 15.viii.2000, leg. ŽT, (MNG); *Pisum sativum* (2 ♀3 ♂), Užice-Ponikovica, 19.vii.1996, Smederevska Palanka, 13.vi.1997, Čurug, 23.vi.1997, leg. ŽT, (SER); *Trifolium pratense* (1 ♀), 22.vi.1995, leg. ŽT, (SER).

(87) ***Praon bicolor*** Mackauer, 1959

***Eulachnus rileyi*** (Williams): on *Pinus sylvestris* (1 ♂), Mt Zlatibor-Tornik, 24.vii.1998, leg. ŽT, (SER); ***Schizolachnus pineti*** (Fabricius): on *Pinus nigra* (1 ♀), Belgrade-Topčider, 09.v.2000, leg. ŽT, (SER); *P. sylvestris* (1 ♀), Vrujci-Berkovac, 30.iv.2000, leg. ŽT, (SER).

**(88) *Praon exsoletum*** (Nees), 1811

***Therioaphis trifolii*** (Monell): on *Medicago sativa* (32 ♀16 ♂), Kovilovo, 15.vii.1992, 26.vii.1992, 27.ix.1992, 03.vii.1993, Surčin, 03.v.1993, 11.v.1993, 17.v.1993, 10.x.1993, Apatin-Prigrevica, 27.ix.1997, leg. ŽT, (SER), Athens-Attica, 09.vi.1997, Akraifnion-Voiotia, 14.viii.1996, Tithorea-Fthiotis, 20–29.viii.1997, [K2003], (GRE), Agrokkipia, 09.v.1978, leg. PA, (CYP).

**(89) *Praon flavinode*** (Haliday, 1833)

***Eucallipterus tiliae*** (L.): on *Tilia* sp. (1 ♀), New Belgrade (45), 19.ix.1999, leg. ŽT, (SER); ***Calaphis flava*** (Mordvilko): on *Betula* sp. (3 ♀3 ♂), Belgrade-Košutnjak, 10.v.1998, Belgrade-Hajd park, Belgrade-Topčider, 16.v.1998, (SER).

**(90) *Praon gallicum*** Starý, 1971

***Metopolophium dirhodum*** (Walker): on *Avena sativa* (4 ♀), Zemun, 05.vi.1989, 13.vi.1989, 21.vi.1989, 23.v.1991, leg. OP, (SER); *Hordeum vulgare* (1 ♀5 ♂), Zemun, 05.vi.1989, leg. OP, (SER); *H. murinum* (8 ♂), Belgrade-Crveni krst, 06.vi.1997, leg. ŽT, (SER); *Triticum aestivum* (2 ♀3 ♂), Kovilovo, 20.v.1990, leg. OP, (SER); *Zea mays* (40 ♀23 ♂), Kovilovo, 24.vi.1992, 08.vii.1992, 14.vii.1992, 25.vii.1992, 01.viii.1992, leg. ŽT, (SER); ***Plectrochophorus glandulosus*** (Kaltenbach): on *Artemisia vulgaris* (2 ♀), New Belgrade-Bežanijska kosa, 26.v.2002, leg. ŽT, (SER); ***Rhopalosiphum padi*** (L.): on *Zea mays* (4 ♀3 ♂), Kovilovo, 24.vi.1992, 08.vii.1992, 14.vii.1992, leg. ŽT, (SER); ***Schizaphis graminum*** Rondani: on *Triticum aestivum* (1 ♀), Surčin, 07.vi.1989, leg. OP, (SER); ***Sitobion avenae*** (Fabricius): on *Triticum aestivum* (2 ♀), Kovilovo, 05.vi.1989, leg. OP, (SER); *Zea mays* (1 ♀), Kovilovo, 19.vi.1997, leg. ŽT, (SER).

**(91) *Praon longicorne***<sup>#</sup> Marshall, 1891

***Amphorophora* spp.:** on *Rubus hirtus* (1 ♀1 ♂), Petnica, 18.v.1998, Užice-Tatinac, 20.v.2000, leg. ŽT, (SER, MNG); ***Macrosiphum cholodkovskyi*** (Mordvilko): on *Filipendula ulmaria* (5 ♀), Mt Durmitor-Crno jezero, 30.vi.2001, 04.vii.2002, leg. ŽT, (MNG); ***Macrosiphum funestum*** (Macchiati): on *Rubus hirtus* (2 ♀), Mt Šara, 17.vii.1995, leg. OP, (SER); ***Macrosiphum oredonensis*** Remaudière: on *Lonicera nigra* (1 ♀1 ♂), Mt Durmitor-Zminje jezero, 30.vi.2002, leg. ŽT, (MNG); ***Macrosiphum prenanthidis*** (Börner): on *Cicerbita pancicii* (1 ♀1 ♂), Mt Durmitor-Crno jezero,

02.vii.1998, leg. ŽT, (MNG).

**(92) *Praon megourae*** Starý, 1971

***Megoura viciae*** Buckton: on *Lathyrus pratensis* (1 ♀), Mt Durmitor-Barno jezero, 19.vii.2000, leg. ŽT, (MNG).

**(93) *Praon necans*** (Mackauer, 1959)

***Rhopalosiphum nymphaeae*** L.: on *Ranunculus aquatilis* (3 ♂), Vlasinsko jezero, 22.vii.2000, leg. OP, (SER).

**(94) *Praon nonveillerti***<sup>#</sup> Tomanović & Kavallieratos, 2003

***Uroleucon inulicola*** (Hille Ris Lambers): on *Inula ensifolia* (2 ♀12 ♂), Užice-Đetinja canyon, 26.vii.1999, leg. ŽT, [T2003], (SER); *Inula helenium* (1 ♀), Mt Goč, 23.x.1999, leg. OP, [T2003], (SER).

**(95) *Praon orpheusi*** Kavallieratos, Athanassiou & Tomanović, 2003

***Macrosiphum rosae*** (L.): on *Rosa sempervirens* (5 ♀), Ormenion-Evros, 04.vi.2000, [K2003], (GRE); *R. caesia* (3 ♀), Svilengrad, 08.vi.2000, [K2003], (BUL).

**(96) *Praon pubescens*** Starý, 1961

***Nasonovia ribisnigri*** (Mosley): on *Crepis vcidula* (1 ♀), Mt Šara-Jažinačko jezero, 26.vii.1995, leg. OP, (SER); ***Nasonovia* spp.:** on *Hieracium* spp. (14 ♀8 ♂), Mt Durmitor-Crno jezero, 01.vii.1998, 30.vi.2001, Mt Durmitor-Zminje jezero, 02.vii.1998, leg. ŽT, (MNG), Mt Kopaonik-Marina voda, Mt Kopaonik-Ledenica, 03.vii.2000, Mt Kopaonik-Lišičje stene, Mt Kopaonik-Markov kamen, 05.vii.2000, leg. ŽT, (SER).

**(97) *Praon retusae*** Tomanović & Kavallieratos, 2002

***Acyrtosiphon* sp.:** on *Salix retusa* (1 ♀1 ♂), Mt Durmitor-Mali Međed, 06.vii.1998, 14.vii.2000, [TK2002], (MNG).

**(98) *Praon rosaecola*** Starý, 1961

***Macrosiphum rosae*** L.: on *Rosa* sp. (3 ♀5 ♂), Belgrade-Vojvode Stepe, 07.v.1996, leg. ŽT, (SER).

**(99) *Praon silvestre***<sup>###</sup> Starý, 1971

Unknown host, (BUL).

**(100) *Praon staryi*** Kavallieratos & Lykouressis, 2000

***Myzus nicotianae*** Blackman [= *Myzus persicae* (Sulzer)]: on *Nicotiana tabacum* (6 ♀2 ♂), Agia Marina-Fthiotis, 01.viii.1997, (GRE); Agrinion-Aitoloakarnania, 14.viii.1996, 25.viii.1997, (GRE);

Gravia-Fokis, 25.ix.1995, Tithorea-Fthiotis, 01.vii.1996, 20–29.viii.1997, [K1999–2000], (GRE).

**(101) *Praon volucre*** (Haliday, 1833)

***Acyrtosiphon lactucae*** (Passerini): on *Lactuca serriola* (11 ♀1♂), Surčin, 04.vi.1993, leg. ŽT, (SER), Volos, 02.v.1997, [K2003], (GRE); ***Acyrtosiphon malvae*** (Mosley): on *Geranium* sp. (4 ♀1♂), Mt Kopaonik-Marine vode, 06.vii.2000, Mt Kopaonik-Samokovska reka, 09.vii.2000, (SER), Mt Durmitor-Zminje jezero, 13.vii.2000, leg. ŽT, (MNG); ***Acyrtosiphon pisum*** (Harris): on *Lathyrus cicera* (1 ♀1♂), Athens-Attica, 01.iv.1997, [K2003], (GRE); *Medicago arabica* (2 ♀2♂), Agrinion-Aitoloakarnania, 12.v.1997, [K2003], (GRE); *M. sativa* (5 ♀), Kovilovo, 26.vii.1992, leg. ŽT, (SER), Athens-Attica, (GRE), 19.v.1997, [K2003], (GRE); *Pisum sativum* (1 ♀), Padej, 23.vi.1997, leg. ŽT, (SER); *Vicia narbonensis* (1 ♀), Athens-Attica, 23.iv.1997, [K2003], (GRE); *V. sativa* ssp. *amphicarpa* (1 ♀1♂), Athens-Attica, 01.iv.1997, [K2003], (GRE); ***Amphorophora rubi*** (Kaltenbach): on *Rubus caesius* (1 ♀1♂), Zemun, 25.iv.1990, leg. OP, (SER); *R. fruticosus* (26 ♀29♂), Veroia-Imathia, 28.v.1999, [K2003], (GRE); ***Aphis craccivora*** Koch: on *Ipomoea batatas* (4 ♀), Corfu-Corfu, 10.vii.2000, [K2003], (GRE); *Ipomoea* sp. (7 ♀1♂), Volos-Magnissia, 15.vi.2000, [K2003], (GRE); *Melilotus sulcata* (6 ♀4♂), Athens-Attica, 19.v.1995, [K2003], (GRE); ***Aphis crepidis*** (Börner): on *Crepis biennis* (1 ♂), Mol, 23.vi.1997, leg. ŽT, (SER); ***Aphis fabae*** Scopoli: on *Amaranthus retroflexus* (2 ♂), Obedska bara, 07.vi.1997, leg. ŽT, (SER); *Beta vulgaris* (2 ♀), Vračev gaj, 13.vi.1996, leg. ŽT, (SER); *Conium maculatum* (3 ♀3♂), Andrianoupolis, 05.vi.2000, [K2003], (TUR); *Galium aparine* (2 ♀), Athens-Attica, 12.iv.1997, Skala Oropou-Attica, 06.iv.1997, [K2003], (GRE); *Papaver somniferum* (16 ♀26♂), Zrenjanin, 20.vi.1996, Obedska bara, 07.vi.1997, Kovačica, 22.vi.1997, Kikinda, Vilovo, 23.vi.1997, (SER); *Phaseolus vulgaris* (1 ♀), Kikinda, 23.vi.1997, leg. ŽT, (SER); *Pittosporum tobira* (2 ♀), Kozani-Kozani, 28.v.1999, (GRE), Kessani, 06.vi.2000, [K2003], (TUR); *Rumex crispus* (3 ♀1♂), Kozani-Kozani, 28.v.1999, Messologion-Aitoloakarnania, 12.v.1997, [K2003], (GRE); *R. hydrolapathum* (4 ♀1♂), Svilengrand, 08.vi.2000, (BUL), Andrianoupolis, 05.vi.2000, [K2003], (TUR); *Solanum nigrum* (2 ♀), Užice-Trešnjica, 23.vii.1996, leg. ŽT, (SER); *Vicia faba*

(1 ♀), Athens-Attica, 01.iv.1997, [K2003], (GRE); ***Aphis fabae cirsiacanthoides*** Scopoli: on *Carduus australis* (2 ♀2♂), Kopais-Voiotia, 11.iv.1997, Monemvassia-Lakonia, 02.v.1997, [K2003], (GRE); *Carlina corymbosa* (1 ♀), Svilengrand, 08.vi.2000, [K2003], (BUL); *Cirsium creticum* (3 ♀), Andrianoupolis, 05.vi.2000, [K2003], (TUR); *Onopordum illyricum* (2 ♀), Andrianoupolis, 05.vi.2000, [K2003], (TUR); *Silybum marianum* (1 ♀), Kozani-Kozani, 28.v.1999, [K2003], (GRE); ***Aphis fabae solanella*** Theobald: on *Solanum nigrum* (3 ♀1♂), Athens-Attica, 10.iv.1997, Skala Oropou-Attica, 06.iv.1997, [K2003], (GRE); ***Aphis gosypii*** Glover: on *Citrus aurantium* (13 ♀11♂), Athens-Attica, 02–21.iv.1997, Megalopolis-Arkadia, 04.v.1997, Messologion-Aitoloakarnania, 13.v.1997, [K2003], (GRE); *C. deliciosa* (8 ♀), Agrinion-Aitoloakarnania, 01.v.1996, Drossia-Evoia, 27.iv.1998, Nea Makri-Attica, 05.v.1998, [K2003], (GRE); *Viburnum tinus* (1 ♀), Athens-Attica, 08.iv.1997, [K2003], (GRE); ***Aphis spiraeaphaga*** (Müller): on *Spiraea* sp. (2 ♀), Surčin, 03.iv.1990, New Belgrade, 09.v.2000, leg. OP, (SER); ***Aphis umbrella*** (Börner): on *Malva neglecta* (2 ♀), Athens-Attica, 02.iv.1996, [K2003], (GRE); ***Aphis viticis*** Ferrari: on *Vitex agnus-castus* (1 ♀), Volos-Magnissia, (GRE), 10.vi.1997, [K2003], (GRE); ***Aulacorthum solani*** (Kaltenbach) on *Cirsium vulgare* (1 ♀), Athens-Attica, 20.iv.1997, [K2003], (GRE); *Citrus aurantium* (3 ♀), Agrinion-Aitoloakarnania, 12.v.1997, Athens-Attica, 09.iv.1997, [K2003], (GRE); *Malva neglecta* (8 ♀19♂), Athens-Attica, 18.iv.1996, 29.iii.–01.iv.1997, [K2003], (GRE); *Sonchus oleraceus* (2 ♀1♂), Athens-Attica, 31.iii.–02.iv.1997, [K2003], (GRE); *Urtica pilulifera* (1 ♀), Athens-Attica, 03.iv.1997, [K2003], (GRE); *U. urens* (15 ♀36♂), Athens-Attica, 12.iv.1996, 09.iv.1997, [K2003], (GRE); ***Brachycaudus cardui*** (L.): on *Carduus pycnocephalus* (3 ♀1♂), Athens-Attica, 03.iv.1997, [K2003], (GRE); ***Brachycaudus helichrysi*** (Kaltenbach): on *Carduus crispus* (4 ♀3♂), Athens-Attica, 03.iv.1997, [K2003], (GRE); *Chrysanthemum coronarium* (1 ♀7♂), Athens-Attica, 06.iv.1996, [K2003], (GRE); *Onopordum illyricum* (1 ♀14♂), Nea Kios-Argolis, 04.iv.1997, [K2003], (GRE); *Prunus cerasifera* (1 ♀), Belgrade, 21.iv.1995, leg. OP, (SER); ***B. helichrysi*** var. ***warei*** (Theobald): on *Vicia sativa* (1 ♀5♂), Athens-Attica, 04.iv.1996, [K2003], (GRE); ***Brevi-***

- coryne brassicae* (L.): on *Brassica oleracea* (1 ♀), Užice-Ponikovica, 18.vii.1996, leg. ŽT, (SER); *Capitophorus elaeagni* (del Guercio): on *Carduus crispus* (15 ♀6 ♂), Athens-Attica, 03.iv.1997, [K2003], (GRE); *Corylobium avellanae* (Schrank): on *Corylus avellana* (3 ♀), Pilion-Magnissia, 23.vi.1996, [K2003], (GRE); *Hyadaphis foeniculi* (Passerini): on *Lonicera* sp. (7 ♀2 ♂), Belgrade-Studentski grad, 19.iv.2001, leg. ŽT, (SER); *Hyalopterus amygdali* (Blanch.): on *Prunus dulcis* (79 ♀86 ♂), Aiginion-Pieria, 08.vi.1999, Aleksandroupolis-Evros, 08.vi.1996, Aliartos-Voiotia, 13.vi.1996, Amalias-Ilia, 12.v.1996, Kastaneai-Evros, 07.vi.1999, Orestias-Evros, 07.vi.1999, Thessaloniki-Thessaloniki, 09.v.2000, (GRE), Andrianoupolis, 05.vi.2000, Kessani, 06.vi.2000, (TUR), [K2003]; *Hyalopterus pruni* (Geoffrey): on *Phragmites australis* (19 ♀14 ♂), Orestias-Evros, 07.vi.1999, Pilion-Magnissia, 29.v.1997, (GRE), Kessani, 06.vi.2000, (TUR), [K2003]; *Prunus armeniaca* (7 ♀14 ♂), Belgrade-Crveni krst, 14.vi.1997, leg. ŽT, (SER); *Prunus cerasifera* (40 ♀23 ♂), Belgrade, 10.v.1995, 15.v.1995, 05.vi.1995, 10.vi.1995, leg. OP, Starčevo, 13.vi.1996, Žabalj, 20.vi.1996, Belgrade-Karađorđev park, 08.vi.1996, Mt Beljanica, 02.viii.1996, leg. ŽT, (SER); *P. domestica* (31 ♀11 ♂), Žabalj, 20.vi.1996, leg. ŽT, (SER), Prijedor, 29.iv.1995, (BOS), Athens-Attica, 02.iv.1997, Amalias-Ilia, 28.v.1995, (GRE), Andrianoupolis, 05.vi.2000, Kessani, 06.vi.2000, (TUR), [K2003]; *Hyperomyzus lactucae* (L.): on *Ribes nigrum* (9 ♀), Užice, 12.v.1997, leg. ŽT, (SER); *Sonchus arvensis* (2 ♀3 ♂), Apatin-Prigrevica, 27.ix.1997, leg. ŽT, (SER); *S. asper* (3 ♀8 ♂), Kyparissia-Messinia, 02.v.1997, 05.vi.1997, Athens-Attica, 12.iv.1996, [K2003], (GRE); *S. oleraceus* (78 ♀70 ♂), Belgrade-Dušanovac, 06.vii.1995, Belgrade-Jajinci, 03.x.1999, leg. ŽT, (SER), Athens-Attica, 12–20.iv.1996, 02–08.iv.1997, Amalias-Ilia, 24.iv.1995, Argos Orestikon-Kastoria, 27.v.1999, Kalamata-Messinia, 29.iii.1997, Kozani-Kozani, 28.v.1999, Kopais-Voiotia, 02.v.1996, Messologgion-Aitoloakarnania, 13.v.1997, Nea Kios-Argolis, 22.iv.1996, 04.iv.1997, Skala Oropou-Attica, 08.v.–18.vi.1995, 06.iv.1997, [K2003], (GRE); *S. palustris* (154 ♀123 ♂), Athens-Attica, 08.iv.1997, Veroia-Imathia, 28.v.1999, Gemisti-Evros, 07.vi.1999, Dimarion-Ksanthi, 06.vi.1999, [K2003], (GRE); *Macrosiphum euphorbiae* (Thomas): on *Citrus aurantium* (57 ♀10 ♂), Agrinion-Aitoloakarnania, 13.v.1997, Athens-Attica, 09.v.1996, Drossia-Evoia, 27.iv.1998, Messologgion-Aitoloakarnania, 13.v.1997, Nea Makri-Attica, 05.v.1998, [K2003], (GRE); *Euphorbia amygdaloides* (3 ♀1 ♂), Mt Durmitor-Ivan do, 30.vi.2002, leg. ŽT, (MNG); *Rumex crispus* (1 ♀), Kozani-Kozani, 28.v.1999, [K2003], (GRE); *Solanum lycopersicum* (4 ♀3 ♂), Zemun, 20.vi.1995, leg. OP, (SER); *S. tuberosum* (10 ♀9 ♂), Livanatai-Fthiotis, 05.vi.1996, [K2003], (GRE); *Sonchus oleraceus* (19 ♀15 ♂), Kozani-Kozani, 28.vi.1999, Messologgion-Aitoloakarnania, 13.v.1997, [K2003], (GRE); *Leucanthemum vulgare* (1 ♀7 ♂), Agrinion-Aitoloakarnania, 12.v.1997, [K2003], (GRE); *Linum capitatum* (1 ♀), Mt Durmitor-Mlinski potok, 04.vii.2002, leg. ŽT, (MNG); *Lycopersicon esculentum* (1 ♀4 ♂), Patrai, 29.iii.1997, [K2003], (GRE); *Macrosiphum daphnidis* (Börner): on *Daphne mezereum* (1 ♀), Mt Durmitor-Gornje počivalo, 28.viii.1990, leg. OP, (MNG); *Macrosiphum rosae* (L.): on *Rosa arvensis* (1 ♀1 ♂), Pilion-Magnissia, 26.vi.1996, [K2003], (GRE); *R. canina* (6 ♀2 ♂), Orestias-Evros, 07.vi.1999, [K2003], (GRE); *Rosa* spp. (72 ♀44 ♂), Zlatni pjasci, viii.1975, leg. PS, Slnčev Brjag, 10.vii.1976, leg. JS, (BUL), Athens-Attica, 26.iii.–26.iv.1995, 22.iv.1996, Vrahation-Korinthia, Dimarion-Ksanthi, 06.vi.1999, Thessaloniki-Thessaloniki, 10.v.1999, Kozani-Kozani, 25.v.1999, Kopais-Voiotia, 25.xi.1996, Pilion-Magnissia, 30.v.–10.vi.1997, Florina-Florina, 26.v.1999, Hrysavgi-Thesprotia, 05.vii.1997, Psarades-Florina, Vrahation-Korinthia, 18.v.1995, (GRE), Kessani, 06.vi.2000, (GRE), [K2003], Belgrade, 17.v.1995, 20.vi.1998, 13.v.2000, leg. ŽT, (SER); *Metopolophium dirhodum* (Walker): on *Avena sterilis* (5 ♀4 ♂), Galatas-Attica, 09.v.1997, [K2003], (GRE); *Avena sativa* (6 ♀2 ♂), Zemun, 06.v.1989, leg. OP, (SER); *Hordeum murinum* (1 ♂), Belgrade-Banjička šuma, 10.vi.1994, leg. ŽT, (SER); *Triticum aestivum* (4 ♀3 ♂), Kovilovo, 16.vi.1989, 31.v.1990, 20.vi.1990, Surčin, 29.v.1990, 21.vi.1990, Zemun, 08.v.1990, leg. OP, (SER), Prijedor, 28.iv.1995, leg. ŽT, (BOS); *Zea mays* (2 ♀1 ♂), Kovilovo, 24.vi.1992, 14.vii.1992, leg. ŽT, (SER); *Microlophium carnosum* (Buckton): on *Urtica dioica* (4 ♀), Užice-Ponikovica, 12.v.1997, leg. ŽT, (SER); *U. pilulifera* (64 ♀58 ♂), Athens-Attica, 29.iii–03.iv.1997, [K2003], (GRE);

- U. urens* (1 ♀2 ♂), Athens-Attica, 01.iv.1997, [K2003], (GRE), Lugavčina, 03.vi.1995, leg. OP, (SER); *Myzocallis castanicola* Baker: on *Castanea sativa* (3 ♀1 ♂), Pilion-Magnissia, 23.vi.1996, [K2003], (GRE); *Myzus ligustri* (Mosley): on *Ligustrum vulgare* (2 ♀2 ♂), Surčin, 19.iv.1990, leg. OP, (SER); *Myzus persicae* (Sulzer): on *Antirrhinum majus* (23 ♀11 ♂), Athens-Attica, (GRE), 19.iv.1996, Agrinion-Aitoloakarnania, 26.vii.–05.ix.1996, [K2003]; *Citrus aurantium* (1 ♀), Athens-Attica, iv.1997, [K2003], (GRE); *Ipomoea batatas* (5 ♀4 ♂), Corfu-Corfu, 10.vii.2000, [K2003], (GRE); *Nicotiana tabacum* (352 ♀406 ♂), Amfikleia-Fokis, 10.viii.–10.ix.1995, Katerini-Pieria, 07.viii.1997, Tithorea-Fthiotis, 10.vi.–09.ix.1996, Tsaritsani-Larissa, 31.viii.1997, Skydra-Pella, 20.vi.1996, 04.viii.–03.ix.1997, [K2003], Karditsa-Karditsa, 31.viii.1997, (GRE), Prilep, vii.1996, vi.1997, vii.1998, leg. JA, (FYRM), Plovdiv, 1979, leg. DI, (BUL); *Prunus cerasifera* (1 ♀), Belgrade, 21.iv.1995, leg. OP, (SER); *P. persica* (8 ♀4 ♂), Obrenovac, 20.iv.1990, leg. OP, (SER), Skydra-Pella, 20.vi.1996, 01.vi.1997, [K2003], (GRE); *Solanum tuberosum* (4 ♂), Belgrade-M.M.Lug, 22.vi.1995, leg. MB, (SER); *Urtica urens* (32 ♀24 ♂), Athens-Attica, 12.iv.1996, [K2003], Amalias-Illia, 12.v.1996, (GRE); *Myzus varians* Davidson: on *Clematis vitalba* (10 ♀4 ♂), Belgrade-Ada, 05.xi.1996, leg. ŽT, (SER), Athens-Attica, 08.xi.1995, [K2003], (GRE); *Ovatus crataegarius* (Walker): on *Mentha spicata* (2 ♀), Nafplion-Argolis, 24.iv.1997, [K2003], (GRE); *Phorodon humuli* (Schränk): on *Prunus cerasifera* (1 ♂), Belgrade-Dušanovac, 06.v.1995, leg. ŽT, (SER); *Rhopalomyzus lonicerae* (Siebold): on *Lonicera* sp. (4 ♀1 ♂), New Belgrade, 05.iv.1990, Zemun, 16.iv.1990, leg. OP, (SER); *Rhopalosiphum padi* (L.): on *Hordeum murinum* (2 ♀1 ♂), Athens-Attica, 01.iv.1996, 12.iv.1996, [K2003], (GRE); *Hordeum vulgare* (1 ♂), Zemun, 15.vi.1989, leg. OP, (SER); *Piptatherum miliaceum* (1 ♀), Kopais-Voiotia, 25.xi.1996, [K2003], (GRE); *Triticum durum* (18 ♀7 ♂), Athens-Attica, 04.iv.1996, Dilessi-Attica, 01.iv.–27.v.1996, Sikaminon-Attica, 02.iv.–11.v.1997, Skala Oropou-Attica, 10.iv.–15.v.1999, Oropos-Attica, 28.iv.–31.v.2000, [K2003], (GRE); *Zea mays* (2 ♀), Mt Suva planina-Veta, 17.vi.1997, (SER); *Schizaphis graminum* (Rondani): on *Avena sativa* (1 ♂), Zemun, 13.vi.1989, leg. OP, (SER); *Sitobion avenae* (Fabricius): on *Bromus nemoralis* (1 ♀), Petnica, 26.vii.1997, leg. OP, (SER); *Dactylis glomerata* (1 ♀), Debeli lug, 09.vi.1990, leg. OP, (SER); *Hordeum murinum* (2 ♀), Belgrade-Crveni krst, 14.vi.1997, leg. ŽT, (SER); *Triticum aestivum* (14 ♀5 ♂), Kovilovo, 31.v.1989, 12.vi.1990, Kikinda, 17.iv.1990, Surčin, 05.vi.1990, 08.v.1990, Lugavčina, 18.vi.1990, leg. OP, Smederevska Palanka, 13.vi.1997, Titel-Vilovo, 23.vi.1997, Nova Pazova, 24.v.1998, leg. ŽT, (SER); Prijedor, 28.iv.1995, leg. ŽT, (BOS), Akraifnion-Voiotia, 02.iv.1996, (GRE), Toševo, 1979, leg. KO, (BUL); *T. durum* (10 ♀7 ♂), Kopais-Voiotia, 02.iv.1996, [K2003], (GRE); *Sitobion fragariae* (Walker): on *Bromus madritensis* (2 ♀), Athens-Attica, 02.iv.1996, [K2003], (GRE); *Toxoptera auranti* (Boyer de Fonscolombe): on *Citrus aurantium* (12 ♀7 ♂), Athens-Attica, 09.v.1996, 28.iii.–21.iv.1997, Megalopolis-Arkadia, 04.v.1997, Messologgion-Aitoloakarnania, 13.v.1997, [K2003], (GRE); *Uroleucon aeneum* (Hille Ris Lambers): on *Carlina corymbosa* (28 ♀16 ♂), Koutson-Ksanthi, 06.vi.1999, [K2003], (TUR); *Carthamus detatus*, Syros-Kyklades, 15.v.2001, (GRE); *Carthamus lanatus*, Syros-Kyklades, 15.v.2001, (GRE); *Uroleucon cichorii* (Koch): on *Cichorium intybus* (2 ♀2 ♂), Kovilovo, 22.v.1997, Opovo, 23.vi.1997, leg. ŽT, (SER); *Uroleucon sonchi* (L.): on *Sonchus oleraceus* (53 ♀29 ♂), Agrinion-Aitoloakarnania, 12.v.1997, Athens-Attica, 16.iv.1996, Aiginion-Pieria, 08.v.1999, Kozani-Kozani, 28.v.1999, Kopais-Voiotia, 25.xi.1996, Messologgion-Aitoloakarnania, 13.v.1997, Nea Kios-Argolis, 22.iv.1996, (GRE), Andrianoupolis, 05.vi.2000, Kessani, 06.vi.2000, (TUR), [K2003]; *S. palustris* (58 ♀27 ♂), Veroia-Imathia, 28.v.1999, (GRE), Andrianoupolis, 05.vi.2000, Kessani, 06.vi.2000, (TUR), [K2003].
- (102) *Praon yomenae*<sup>#</sup> Takada, 1968
- Uroleucon aeneum* (Hille Ris Lambers): on *Carduus australis* (16 ♀15 ♂), Agrinion-Aitoloakarnania, 12.v.1997, Nea Kios-Argolis, 15.v.1997, [K2003], (GRE); *C. tmoleus* ssp. *armatus* (4 ♀), Pilion-Magnissia, 29.v.1997, [K2003], (GRE); *Carlina corymbosa* (1 ♀1 ♂), Koutson-Ksanthi, 06.vi.1999, [K2003], (GRE); *Carthamus dentatus*, Syros-Kyklades, 15.v.2001, (GRE); *Carthamus lanatus*, Syros-Kyklades, 15.v.2001, (GRE); *Cirsium creticum* (6 ♀), Farsala-Larissa, 10.v.1997, [K2003], (GRE); *Uroleucon cichorii* (Koch): on

*Cichorium intybus* (8 ♀4 ♂), Čenta, 20.vi.1996, Užice-Trešnjica, 23.vii.1996, Novi Sad, Besni fok, Stara Pazova, 10.vi.1997, leg. ŽT, (SER); *Crepis biennis* (4 ♀1 ♂), Nymfaia-Komotini, 08.vi.1999, [K2003], (GRE); *Uroleucon cichorii grossum* (Hille Ris Lambers): on *Crepis biennis* (2 ♀2 ♂), Mt Zlatar-Radoinsko jezero, 19.vi.1998, Mt Zlatar-Akmačići, 21.vi.1998, leg. ŽT, (SER); *Uroleucon doronici* (Börner): on *Doronicum columnae* (14 ♀3 ♂), Pilion-Magnissia, 30.v.1997, [K2003], (GRE); *Uroleucon jaceae* (L.): on *Carlina corymbosa* ssp. *graeca* (32 ♀9 ♂), Kyparissia-Messinia, 26.v.1995, [K2003], (GRE); *Carthamus dentatus*, Syros-Kyklades, 15.vi.2001, (GRE); *Carthamus lanatus*, Syros-Kyklades, 15.v.2001, (GRE); *Uroleucon sonchi* L.: on *Sonchus asper* (13 ♀3 ♂), Nea Kios-Argolis, 17.v.1995, [K2003], (GRE); *S. oleraceus* (34 ♀6 ♂), Kalamata-Messinia, 26.v.1995, Kopais-Voiotia, 01.vi.1995, Svilengrand, 08.vi.2000, (BUL), Andrianoupolis, 05.vi.2000, (TUR), [K2003]; *S. palustris* (2 ♀2 ♂), Kessani, 06.vi.2000, [K2003], (TUR); *Sonchus* sp., Patrai-Ahaia, 01.vi.1981, leg. PA, (GRE); *Uroleucon* sp.: on *Lactuca sativa* (1 ♂), Bela Crkva, 13.vi.1996, leg. ŽT, (SER); *Chondrilla juncea* (7 ♀7 ♂), Užice-Đetinja, 26.vi.1999, leg. ŽT, (SER); *Rhagadiolus stellularis* (5 ♀1 ♂), Virpazar-Vranjina, 30.iv.2001, leg. ŽT, (MNG).

(103) *Praon uroleucon*<sup>#</sup> Tomanović & Kavallieratos, 2003

*Uroleucon* sp.: on *Carduus acanthoides* (3 ♀2 ♂), Skadarsko jezero Lake-Vranjina, 30.iv.2001, leg. ŽT, [TK2003], (MNG).

(104) *Protaphidius wissmannii* (Ratzeburg, 1848)

*Stomaphis juglandicola* Petrović: on *Juglans regia* (3 ♀1 ♂), Ilinci, 13.x.1996, leg. DJ, (SER).

(105) *Trioxys betulae* (Marshall, 1896)

*Callaphis flava* Mordvilko: on *Betula* sp. (3 ♀3 ♂), Belgrade-Topčider, 16.v.1998 leg. ŽT, (SER); *Eucallipterus tiliae* (L.): on *Tilia cordata* (12 ♂), Sićevo gorge, 02.vi.1996, leg. VŽ, (SER); *Symydobius oblongus* (von Heyden): on *Betula pendula* (2 ♀2 ♂), Mt Vlasina-Ćemernik, 30.vii.1996, leg. ŽT, (SER).

(106) *Trioxys cirsii* (Curtis, 1831)

*Drepanosiphum platanoidis* Schrank: on *Acer pseudoplatanus* (3 ♀1 ♂), Belgrade-Botanical Garden, 02.v.1998, Belgrade-Topčider, 16.v.1998, leg. ŽT, (SER).

(107) *Trioxys complanatus* Quilis, 1931

*Therioaphis trifolii* (Monell): on *M. sativa*

(32 ♀24 ♂), Kovilovo, 15.vii.1992, 13.ix.1992, 27.ix.1992, 05.vi.1993, 11.vi.1993, 14.ix.1993, 10.x.1993, leg. ŽT, (SER), Athens-Attica, (GRE), 09.vi.1997, Tithorea-Fthiotis, (GRE), 01–27.vi.1996, 11.viii.1997 [K2001], (SER); *Trifolium nigrescens* (8 ♀), Kyparissia-Messinia, 21.v.1997, [K2001], (GRE).

(108) *Trioxys chaetosiphonis* Starý, 1971

*Longicaudus trirhodus* (Walker): on *Thalictrum aquilegifolium* (2 ♀), Mt Kopaonik-Samokovska reka, 08.vii.2000 leg. ŽT, (SER).

(109) *Trioxys curvicaudus* Mackauer, 1967

*Eucallipterus tiliae* (L.): on *Tilia cordata* (3 ♀), Belgrade-Topčider, 16.v.1998 leg. ŽT, (SER); *Tilia* sp. (15 ♀8 ♂), New Belgrade (45), 12.ix.1999, 19.ix.1999, leg. ŽT, (SER); *Myzocallis komareki* (Pašek): on *Quercus coccifera* (97 ♀), Athens-Attica, 18.v.1999, [K2001], (GRE).

(110) *Trioxys falcatus* Mackauer, 1959

*Peryphillus* sp.: on *Acer platanoides* (3 ♀), Belgrade-Crveni krst, 18.iv.1990 leg. OP, (SER).

(111) *Trioxys galiobii* Starý, 1974

*Myzus langei* Börner: on *Galium lucidum* (1 ♀), Zlatarsko jezero, 11.vii.1991 leg. OP, (SER).

(112) *Trioxys humuli* Mackauer, 1960

*Phorodon humuli* Schrank: on *Humulus lupulus* (3 ♀1 ♂), Belgrade-Dušanovac, 27.v.1995, Belgrade-Galovica, 14.v.2000, leg. ŽT, (SER).

(113) *Trioxys pallidus* (Haliday, 1834)

*Chromaphis juglandicola* Kaltenbach: on *Juglans regia* (5 ♀12 ♂), Belgrade-Dušanovac, 06.vi.1993, (SER), Palić-Selevenjske pustare, 07.ix.1995, Mt Suva planina-Glogovac, 18.vi.1999, leg. ŽT, (SER), Orestias-Evros, 07.vi.1999, [K2001], (GRE); *Myzocallis komareki* (Pašek): on *Quercus coccifera* (8 ♀), Athens-Attica, 18.v.1999, [K2001], (GRE); *Myzocallis carpini* (Koch): on *Carpinus betulus* (1 ♂), Belgrade-Topčider, 24.vi.1995, leg. ŽT, (SER); *Panaphis juglandis* (Goeze): on *Juglans regia* (1 ♂), Mt Beljanica-Resava, 11.vii.1998, leg. ŽT, (SER); *Pterocallis alni* (de Geer): Mt Durmitor-Đurđevića Tara, 22.viii.1990 on *Alnus glutinosa* (2 ♂), leg. OP, (MNG).

(114) *Trioxys phyllaphidis* Mackauer, 1961

*Phyllaphis fagi* (L.): on *Fagus sylvatica* (2 ♀), Mt Durmitor-Struga, 14.vii.2000 leg. ŽT, (MNG).

(115) *Trioxys tenuicaudus* Starý, 1978

*Myzocallis castanicola* Baker: on *Castanea sativa* (18 ♀17 ♂), Pilion-Magnissia, 23.vi.1996, 30.v.1997, [K2001], (GRE); *Myzocallis castani-*

*cola leclanti* Quednau and Remaudière: on *Castanea sativa*, (GRE).

### Host aphid-parasitoid associations

***Acyrtosiphon daphnidis*:** *Aphidius urticae*, *Praon volucre*

***Acyrtosiphon lactucae*:** *Praon volucre*

***Acyrtosiphon malvae*:** *Aphidius avenae*, *Aphidius* cf. *pelargonii*, *Praon volucre*

***Acyrtosiphon pisum*:** *Aphidius avenae*, *Aphidius ervi*, *Aphidius eadyi*, *Aphidius smithi*, *Aphidius urticae*,<sup>##</sup> *Praon barbatum*, *Praon volucre*

***Acyrtosiphon* spp.:** *Aphidius avenae*, *Aphidius ervi*, *Monoctonus nervosus*, *Praon retusae*

***Amphorophora ampullata*:** *Aphidius urticae*<sup>##</sup>

***Amphorophora rubi*:** *Praon volucre*

***Amphorophora* spp.:** *Aphidius urticae*,<sup>##</sup> *Praon longicorne*<sup>#</sup>

***Anoecia corni*:** *Lysiphlebus fabarum*

***Aphis affinis*:** *Binodoxys acalephae*, *Lysiphlebus fabarum*

***Aphis balloticola*:** *Lysiphlebus fabarum*

***Aphis cadiva*:** *Diaeretiella rapae*

***Aphis carlinae*:** *Lysiphlebus fabarum*

***Aphis celastrii*:** *Lysiphlebus fabarum*

***Aphis confusa*:** *Lysiphlebus fabarum*

***Aphis craccae*:** *Binodoxys acalephae*, *Binodoxys angelicae*, *Lysiphlebus fritzmuelleri*

***Aphis craccivora*:** *Aphidius colemani*, *Aphidius matricariae*, *Binodoxys acalephae*, *Binodoxys angelicae*, *Diaeretiella rapae*, *Lipolexis gracilis*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Lysiphlebus testaceipes*, *Praon abjectum*, *Praon volucre*

***Aphis crepidis*:** *Lipolexis gracilis*, *Lysiphlebus fabarum*, *Praon volucre*

***Aphis cytisorum*:** *Binodoxys acalephae*, *Lysiphlebus confusus*

***Aphis davletshinae*:** *Lysiphlebus fabarum*

***Aphis epilobii*:** *Praon abjectum*

***Aphis euphorbiae*:** *Binodoxys acalephae*, *Ephedrus persicae*

***Aphis fabae*:** *Aphidius colemani*, *Aphidius matricariae*, *Binodoxys acalephae*, *Binodoxys angelicae*, *Ephedrus persicae*, *Ephedrus plagiator*, *Lipolexis gracilis*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Lysiphlebus testaceipes*, *Praon abjectum*, *Praon volucre*

***Aphis fabae cirsiacanthoidis*:** *Aphidius matricariae*, *Binodoxys acalephae*, *Binodoxys angelicae*,

*Ephedrus persicae*, *Lysiphlebus cardui*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Praon volucre*

***Aphis fabae solanella*:** *Aphidius colemani*, *Aphidius matricariae*, *Binodoxys acalephae*, *Binodoxys angelicae*, *Ephedrus persicae*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Praon volucre*

***Aphis farinosa*:** *Lysiphlebus confusus*, *Lysiphlebus fabarum*

***Aphis frangulae*:** *Lysiphlebus fabarum*

***Aphis gentianae*:** *Lysiphlebus fabarum*

***Aphis gossypii*:** *Aphidius colemani*, *Aphidius matricariae*, *Binodoxys acalephae*, *Binodoxys angelicae*, *Diaeretiella rapae*, *Ephedrus persicae*, *Lipolexis gracilis*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Lysiphlebus testaceipes*, *Praon volucre*

***Aphis grossulariae*:** *Praon abjectum*

***Aphis hederiae*:** *Binodoxys acalephae*, *Binodoxys angelicae*, *Lysiphlebus confusus*

***Aphis idaei*:** *Binodoxys acalephae*, *Ephedrus plagiator*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*

***Aphis intybi*:** *Aphidius matricariae*, *Lipolexis gracilis*, *Lysiphlebus fabarum*

***Aphis myrsinitidis*:** *Binodoxys acalephae*

***Aphis nasturtii*:** *Binodoxys acalephae*, *Lysiphlebus fabarum*

***Aphis nerii*:** *Aphidius colemani*, *Binodoxys angelicae*, *Diaeretiella rapae*, *Lysiphlebus testaceipes*

***Aphis newtoni*:** *Lipolexis gracilis*, *Lysiphlebus fabarum*

***Aphis oenotherae*:** *Lysiphlebus fabarum*

***Aphis origani*:** *Lysiphlebus fabarum*

***Aphis parietariae*:** *Aphidius colemani*, *Aphidius matricariae*, *Binodoxys acalephae*

***Aphis passeriniana*:** *Lysiphlebus confusus*

***Aphis pomi*:** *Binodoxys angelicae*, *Ephedrus persicae*, *Lysiphlebus fabarum*

***Aphis psammophila*:** *Lysiphlebus balcanicus*

***Aphis punicae*:** *Aphidius colemani*, *Binodoxys angelicae*

***Aphis ruborum*:** *Aphidius colemani*, *Aphidius matricariae*, *Binodoxys acalephae*, *Binodoxys angelicae*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Lysiphlebus testaceipes*

***Aphis rumicis*:** *Binodoxys angelicae*

***Aphis salicariae*:** *Ephedrus plagiator*

***Aphis salviae*:** *Lysiphlebus fabarum*

***Aphis sambuci*:** *Binodoxys acalephae*, *Binodoxys angelicae*, *Praon abjectum*

- Aphis sanguisorbiae:** *Lysiphlebus fabarum*
- Aphis schneideri:** *Ephedrus plagiator*, *Lysiphlebus confusus*
- Aphis serpylli:** *Lysiphlebus fabarum*
- Aphis spiraephaga:** *Binodoxys acalephae*, *Binodoxys angelicae*, *Ephedrus plagiator*, *Praon abjectum*, *Praon volucre*
- Aphis spiraecola:** *Aphidius colemani*, *Aphidius matricariae*, *Binodoxys acalephae*, *Binodoxys angelicae*, *Diaeretiella rapae*, *Ephedrus plagiator*, *Lysiphlebus fabarum*
- Aphis taraxicicola:** *Lysiphlebus fabarum*
- Aphis umbrella:** *Aphidius colemani*, *Aphidius matricariae*, *Binodoxys acalephae*, *Binodoxys angelicae*, *Diaeretiella rapae*, *Ephedrus persicae*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Praon volucre*
- Aphis urticata:** *Aphidius matricariae*, *Binodoxys acalephae*, *Lipolexis gracilis*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Lysiphlebus testaceipes*
- Aphis verbasci:** *Lysiphlebus fabarum*
- Aphis viburni:** *Binodoxys angelicae*, *Lysiphlebus fabarum*
- Aphis viticis:** *Aphidius colemani*, *Binodoxys acalephae*, *Binodoxys angelicae*, *Praon volucre*
- Aphis spp.:** *Aphidius matricariae*, *Binodoxys acalephae*, *Binodoxys angelicae*, *Ephedrus persicae*, *Lysiphlebus fabarum*, *Lysiphlebus fritzmueleri*, *Lysiphlebus testaceipes*
- Aulacorthum solani:** *Aphidius ervi*, *Aphidius matricariae*, *Aphidius urticae*,<sup>##</sup> *Diaeretiella rapae*, *Praon volucre*
- Brachycaudus cardui:** *Aphidius colemani*, *Aphidius matricariae*, *Binodoxys angelicae*, *Diaeretiella rapae*, *Ephedrus persicae*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Praon volucre*
- Brachycaudus lychnidis:** *Lysiphlebus fabarum*, *Lysiphlebus melandriicola*
- Brachycaudus helichrysi:** *Aphidius colemani*, *Aphidius matricariae*, *Binodoxys angelicae*, *Diaeretiella rapae*, *Ephedrus cerasicola*, *Ephedrus persicae*, *Ephedrus plagiator*, *Lysiphlebus fabarum*, *Praon abjectum*, *Praon volucre*
- Brachycaudus helichrysi var. warei:** *Diaeretiella rapae*, *Praon volucre*
- Brachycaudus amygdalinus:** *Aphidius matricariae*, *Diaeretiella rapae*, *Ephedrus persicae*
- Brachycaudus prunicola:** *Ephedrus persicae*
- Brachycaudus rumexicolens:** *Ephedrus persicae*
- Brachycaudus schwartzi:** *Lysiphlebus fabarum*
- Brevicoryne brassicae:** *Diaeretiella rapae*, *Praon volucre*
- Callaphis flava:** *Aphidius aquilus*, *Praon flavinode*, *Trioxys betulae*, *Trioxys cirsii*
- Capitophorus carduinus:** *Aphidius matricariae*
- Capitophorus elaeagni:** *Aphidius matricariae*, *Praon volucre*
- Capitophorus hyppophaes:** *Aphidius matricariae*
- Capitophorus inulae:** *Aphidius matricariae*
- Capitophorus sp.:** *Aphidius matricariae*, *Ephedrus plagiator*
- Cavariella aegopodii:** *Aphidius salicis*, *Binodoxys heraclei*, *Ephedrus helleni*
- Cavariella archangelicae:** *Aphidius salicis*
- Cavariella theobaldi:** *Binodoxys heraclei*, *Aphidius salicis*, *Ephedrus helleni*
- Cavariella spp.:** *Aphidius salicis*, *Binodoxys brevicornis*
- Chaetosiphon chaetosiphon:** *Aphidius eglanteriae*
- Chaetosiphon tetraerhodum:** *Aphidius eglanteriae*, *Ephedrus laevicolis*
- Chaitophorus leucomelas:** *Adialytus salicaphis*
- Chaitophorus populeti:** *Adialytus salicaphis*
- Chaitophorus populialbae:** *Adialytus salicaphis*
- Chaitophorus vitellinae:** *Adialytus salicaphis*
- Chaitophorus spp.:** *Adialytus salicaphis*, *Ephedrus chaitophori*
- Chromaphis juglandicola:** *Trioxys pallidus*
- Cinara maritimae:** *Pauesia jezoensis*
- Cinara palaestinensis:** *Pauesia silana*
- Cinara pinea:** *Pauesia picta*
- Cinara spp.:** *Pauesia cupressobii*, *Pauesia picta*, *Pauesia pini*
- Corylobium avellanae:** *Praon volucre*, *Ephedrus plagiator*
- Cryptomyzus ribis:** *Aphidius ribis*
- Cupressobium juniperi:** *Pauesia juniperorum*
- Delphiniobium junackianum:** *Aphidius sussi*, *Monoctonus leclanti*
- Diuraphis noxia:** *Diaeretiella rapae*, *Aphidius ervi*, *Aphidius matricariae*, *Aphidius rhopalosiphii*
- Drepanosiphum platanoidis:** *Dyscritulus planiceps*, *Falciconus pseudoplatanii*, *Trioxys cirsii*
- Dysaphis apiifolia:** *Aphidius colemani*, *Lipolexis gracilis*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Ephedrus persicae*



- Dysaphis foeniculus***: *Ephedrus persicae*
- Dysaphis plantaginea***: *Aphidius matricariae*, *Binodoxys angelicae*, *Ephedrus persicae*
- Dysaphis pyri***: *Ephedrus persicae*, *Ephedrus plagiator*, *Lipolexis gracilis*
- Dysaphis reamuri***: *Ephedrus persicae*, *Monocotonus mali*
- Dysaphis* spp.**: *Ephedrus persicae*, *Ephedrus plagiator*, *Monocotonus mali*
- Eucallipterus tiliae***: *Praon flavinode*, *Trioxys betulae*, *Trioxys curvicaudus*
- Euceraphis punctipennis***: *Aphidius aquilus*, *Betuloxys compressicornis*
- Eulachnus agilis***: *Diaeretus leucopterus*
- Eulachnus rileyi***: *Diaeretus leucopterus*, *Praon bicolor*
- Eulachnus tuberculostemmatum***: *Diaeretus leucopterus*
- Forda formicaria***: *Paralipsis enervis*
- Geoica utricularia***: *Paralipsis enervis*
- Hayhurstia atriplicis***: *Diaeretiella rapae*, *Ephedrus nacheri*
- Hyadaphis foeniculi***: *Diaeretiella rapae*, *Praon volucre*
- Hyalopterus amygdali***: *Aphidius transcaspicus*, *Praon volucre*
- Hyalopterus pruni***: *Aphidius transcaspicus*, *Ephedrus plagiator*, *Lysiphlebus fabarum*, *Praon volucre*
- Hyperomyzus lactucae***: *Aphidius ervi*, *Aphidius sonchi*, *Praon athenaeum*,<sup>#</sup> *Praon volucre*
- Hyperomyzus hieracii***: *Monocotonus crepidis*
- Hyperomyzus picridis***: *Lysiphlebus fabarum*
- Hyperomyzus* sp.**: *Aphidius sonchi*
- Linosiphon* spp.**: *Aphidius galii*,<sup>##</sup> *Aphidius linosiphonis*
- Liosomaphis berberidis***: *Aphidius hortensis*, *Praon abjectum*
- Lipaphis lepidii***: *Binodoxys angelicae*, *Diaeretiella rapae*
- Lipaphis erysimi***: *Aphidius matricariae*, *Diaeretiella rapae*
- Longicaudus trirhodus***: *Aphidius eglanteriae*, *Praon abjectum*, *Trioxys chaetosiphonis*
- Macrosiphoniella artemisiae***: *Aphidius absinthii*, *Binodoxys centaureae*, *Lysaphidus arvensis*
- Macrosiphoniella oblonga***: *Aphidius phalangomyzi*
- Macrosiphoniella tanacetaria***: *Aphidius absinthii*, *Praon absinthii*
- Macrosiphoniella* spp.**: *Aphidius absinthii*, *Aphidius artemisicola*, *Binodoxys centaureae*
- Macrosiphum cholodkovskyi***: *Aphidius ervi*, *Ephedrus lacertosus*, *Ephedrus plagiator*, *Praon longicorne*<sup>#</sup>
- Macrosiphum euphorbiae***: *Aphidius ervi*, *Aphidius urticae*,<sup>##</sup> *Praon volucre*
- Macrosiphum daphnidis***: *Aphidius urticae*,<sup>##</sup> *Praon volucre*
- Macrosiphum funestum***: *Aphidius urticae*,<sup>##</sup> *Praon longicorne*<sup>#</sup>
- Macrosiphum oredonense***: *Aphidius urticae*,<sup>##</sup> *Praon longicorne*<sup>#</sup>
- Macrosiphum prenanthidis***: *Aphidius urticae*,<sup>##</sup> *Praon longicorne*<sup>#</sup>
- Macrosiphum rosae***: *Aphidius rosae*, *Ephedrus lacertosus*, *Ephedrus plagiator*, *Praon orpheusi*, *Praon rosaecola*, *Praon volucre*
- Macrosiphum* spp.**: *Aphidius urticae*, *Aphidius avenae*, *Ephedrus plagiator*
- Megoura viciae***: *Ephedrus niger*, *Praon megourae*
- Melanaphis pyrarria***: *Ephedrus persicae*
- Metopeurum fuscoviride***: *Aphidius tanacetarius*, *Lipolexis gracilis*, *Lysiphlebus hirticornis*
- Metopolophium dirhodum***: *Aphidius avenae*, *Aphidius ervi*, *Aphidius rhopalosiphii*, *Aphidius uzbekistanicus*, *Ephedrus plagiator*, *Praon gallicum*, *Praon volucre*
- Microlophium carnosum***: *Aphidius microlophii*, *Aphidius ervi*, *Aphidius urticae*,<sup>##</sup> *Praon volucre*
- Myzocallis carpini***: *Trioxys pallidus*
- Myzocallis castanicaola***: *Praon volucre*, *Trioxys tenuicaudus*
- Myzocallis castanicaola leclanti***: *Trioxys tenuicaudus*
- Myzocallis komareki***: *Trioxys curvicaudus*, *Trioxys pallidus*
- Myzus cerasi***: *Aphidius colemani*, *Aphidius matricariae*, *Ephedrus cerasicola*, *Ephedrus persicae*, *Ephedrus plagiator*, *Lipolexis gracilis*, *Lysiphlebus fabarum*
- Myzus cymbalariae***: *Aphidius matricariae*
- Myzus langei***: *Aphidius matricariae*, *Trioxys galiobii*
- Myzus ligustri***: *Ephedrus plagiator*, *Praon volucre*
- Myzus lythri***: *Aphidius matricariae*
- Myzus nicotianae***: *Praon staryi*
- Myzus persicae***: *Aphidius avenae*, *Aphidius*

*colemanni*, *Aphidius ervi*, *Aphidius matricariae*, *Binodoxys angelicae*, *Diaeretiella rapae*, *Ephedrus persicae*, *Lysiphlebus confusus*, *Lysiphlebus fabarum*, *Praon staryi*, *Praon volucre*

***Myzus varians*:** *Aphidius colemanni*, *Aphidius matricariae*, *Praon volucre*

***Myzus spp.*:** *Aphidius matricariae*

***Nasonovia ribisnigri*:** *Aphidius hieraciorum*, *Monoctonus crepidis*, *Harkeria angustivalva*, *Praon pubescens*

***Nasonovia spp.*:** *Monoctonus crepidis*, *Aphidius hieraciorum*, *Praon pubescens*

***Ovatus crataegarius*:** *Aphidius matricariae*, *Praon volucre*

***Ovatus insitus*:** *Binodoxys angelicae*, *Aphidius matricariae*

***Ovatus mentharius*:** *Aphidius matricariae*

***Panaphis juglandis*:** *Trioxys pallidus*

***Periphyllus bulgaricus*:** *Euaphidius setiger*

***Periphyllus testudinaceus*:** *Euaphidius setiger*

***Periphyllus spp.*:** *Euaphidius setiger*, *Trioxys falcatus*

***Phorodon humuli*:** *Aphidius matricariae*, *Ephedrus cerasicola*, *Ephedrus persicae*, *Ephedrus plagiator*, *Praon volucre*, *Trioxys humuli*

***Phyllaphis fagi*:** *Trioxys phyllaphidis*

***Pleotrichophorus duponti*:** *Lysaphidus viaticus*

***Pleotrichophorus glandulosus*:** *Lysaphidus viaticus*, *Praon gallicum*

***Pseudobrevicoryne leclanti*:** *Diaeretiella rapae*

***Pterocallis alni*:** *Trioxys pallidus*

***Pterocomma populeum*:** *Euaphidius cingulatus*

***Pterocomma rufipes*:** *Euaphidius cingulatus*, *Ephedrus blattnyi*

***Pterocomma spp.*:** *Euaphidius cingulatus*

***Rhopalosiphum loniceriae*:** *Ephedrus plagiator*, *Praon volucre*

***Rhopalosiphum insertum*:** *Monoctonus mali*

***Rhopalosiphum maidis*:** *Aphidius matricariae*, *Diaeretiella rapae*, *Lysiphlebus fabarum*, *Lysiphlebus testaceipes*

***Rhopalosiphum nymphaeae*:** *Aphidius matricariae*, *Diaeretellus palustris*, *Ephedrus persicae*, *Praon necans*

***Rhopalosiphum padi*:** *Aphidius avenae*, *Aphidius colemanni*, *Aphidius ervi*, *Aphidius matricariae*, *Aphidius rhopalosiphii*, *Diaeretiella rapae*, *Praon gallicum*, *Praon volucre*

***Saltusaphis sp.*:** *Diaeretellus macrocarpus*

***Schizaphis graminum*:** *Aphidius ervi*, *Aphidius*

*uzbekistanikus*, *Ephedrus plagiator*, *Praon gallicum*, *Praon volucre*

***Schizaphis scirpi*:** *Aphidius urticae*<sup>##</sup>

***Schizolachnus pineti*:** *Diaeretus leucopterus*, *Praon bicolor*, *Pauesia unilachni*

***Semiaphis dauci*:** *Lysiphlebus confusus*, *Lysiphlebus fabarum*

***Semiaphis sp.*:** *Binodoxys heraclei*

***Sipha elegans*:** *Adialytus ambiguus*

***Sipha maydis*:** *Adialytus ambiguus*

***Sipha sp.*:** *Adialytus ambiguus*

***Sitobion avenae*:** *Aphidius avenae*, *Aphidius ervi*, *Aphidius matricariae*, *Aphidius rhopalosiphii*, *Aphidius uzbekistanicus*, *Ephedrus plagiator*, *Lysiphlebus fabarum*, *Praon gallicum*, *Praon volucre*

***Sitobion fragariae*:** *Aphidius avenae*, *Aphidius ervi*, *Aphidius matricariae*, *Aphidius rhopalosiphii*, *Aphidius uzbekistanicus*, *Ephedrus plagiator*, *Praon volucre*

***Sitobion sp.*:** *Aphidius ervi*, *Praon volucre*

***Stomaphis juglandicola*:** *Protaphidius wissmannii*

***Symydobius oblongus*:** *Trioxys betulae*

***Thelaxes sp.*:** *Adialytus thelaxis*

***Therioaphis trifolii*:** *Praon exsoletum*, *Trioxys complanatus*

***Toxoptera aurantii*:** *Aphidius colemanni*, *Aphidius matricariae*, *Binodoxys angelicae*, *Diaeretiella rapae*, *Ephedrus persicae*, *Lysiphlebus fabarum*, *Lysiphlebus testaceipes*, *Praon volucre*

***Uhlmania singularis*:** *Binodoxys angelicae*, *Binodoxys brevicornis*

***Uroleucon aeneum*:** *Aphidius funebris*, *Praon volucre*, *Praon yomenae*<sup>#</sup>

***Uroleucon chondrillae*:** *Aphidius funebris*

***Uroleucon cichorii*:** *Aphidius funebris*, *Binodoxys centaureae*, *Ephedrus niger*, *Praon yomenae*,<sup>#</sup> *Praon volucre*

***Uroleucon cichorii grossum*:** *Aphidius funebris*, *Binodoxys centaureae*, *Praon yomenae*<sup>#</sup>

***Uroleucon doronici*:** *Aphidius funebris*, *Praon yomenae*<sup>#</sup>

***Uroleucon inulae*:** *Ephedrus niger*

***Uroleucon inulicola*:** *Praon nonveilleri*<sup>#</sup>

***Uroleucon jaceae*:** *Aphidius funebris*, *Lysiphlebus fabarum*, *Praon yomenae*<sup>#</sup>

***Uroleucon murale*:** *Aphidius funebris*, *Binodoxys centaureae*, *Ephedrus niger*

***Uroleucon solidaginis*:** *Aphidius funebris*,

*Ephedrus persicae*

***Uroleucon sonchi*:** *Aphidius funebris*, *Praon volucre*, *Praon yomenae*<sup>#</sup>

***Uroleucon* spp.:** *Aphidius funebris*, *Binodoxys centaureae*, *Diaeretiella rapae*, *Praon uroleucon*<sup>#</sup>

## 2. Faunistic complexes of the parasitoids

Species and population richness in the area can be explained by the great plant and habitat diversity, which is conditioned by climatical, geological, hydrological and pedological characteristics (Matvejev and Puncer, 1989). An analysis of the parasitoid fauna reviewed in the present work documents its heterogeneous character resulting in the following grouping of the species participants. Nine faunal groups in the area of Southeastern Europe have been identified (Starý, 1970):

### Holarctic Forest-Tundra

*Adialytus salicaphis*, *Aphidius aquilus*, *Euaphidius cingulatus*, *Betuloxys compressicornis*, *Ephedrus chaitophori*, *Praon flavinode*, *Praon retusae*, *Trioxys betulae*, *Ephedrus blattnyi*.

### Boreal Europe

*Aphidius galii*,<sup>###</sup> *Aphidius sussi*, *Diaeretellus palustris*, *Diaeretellus macrocarpus*, *Ephedrus validus*, *Lysiphlebus balcanicus*, *Monoctonus leclanti*, *Praon necans*.

### West-Eurasian Coniferous Forest

*Pauesia cupressobii*, *Pauesia silana*, *Pauesia juniperorum*, *Pauesia picta*, *Praon bicolor*, *Diaeretus leucopterus*.

### East-Eurasian Coniferous Forest

*Pauesia jezoensis*, *Pauesia pini*, *Pauesia unilachni*.

### Eurasian Steppes

*Adialytus ambiguus*, *Aphidius absinthii*, *Aphidius artemisicola*, *Aphidius avenae*, *Aphidius eadyi*, *Aphidius ervi*, *Aphidius funebris*, *Aphidius matrixariae*, *Aphidius microlophii*, *Aphidius phalangomyzi*, *Aphidius* cf. *pelargonii*, *Aphidius rhopalosiphi*, *Aphidius smithi*, *Aphidius sonchi*, *Aphidius uzbekistanicus*, *Binodoxys acalephae*, *Binodoxys brevicornis*, *Binodoxys centaureae*, *Diaeretiella rapae*, *Lipolexis gracilis*, *Lysaphidus arvensis*, *Lysiphlebus cardui*, *Lysiphlebus confusus*, *Lysiphlebus dissolutus*, *Lysiphlebus fabarum*, *Lysiphlebus fritzmulleri*, *Lysiphlebus hirticornis*, *Lysiphlebus melandriicola*, *Paralipsis enervis*, *Praon abjectum*, *Praon absinthii*, *Praon barbatum*, *Praon exsoletum*, *Praon yomenae*,<sup>#</sup> *Praon gall-*

*icum*, *Praon volucre*, *Trioxys complanatus*.

### European Deciduous Forest

*Aclitus obscuripennis*, *Binodoxys angelicae*, *Binodoxys heraclei*, *Aphidius eglanteriae*, *Aphidius hieraciorum*, *Aphidius hortensis*, *Aphidius linosiphonis*, *Aphidius ribis*, *Aphidius rosae*, *Euaphidius setiger*, *Aphidius tanacetarius*, *Aphidius urticae*, *Dyscritulus planiceps*, *Ephedrus cerasicola*, *Ephedrus helleni*, *Ephedrus laevicolis*, *Ephedrus nacheri*, *Ephedrus niger*, *Falciconus pseudoplatani*, *Harkeria angustivalva*, *Lysaphidus viaticus*, *Monoctonus crepidis*, *Monoctonus mali*, *Monoctonus nervosus*, *Praon longicorne*, *Praon megorae*, *Praon nonveilleri*,<sup>#</sup> *Praon pubescens*, *Praon rosaecola*, *Praon silvestre*,<sup>###</sup> *Protaphidius wissmannii*, *Trioxys cirsii*, *Trioxys chaetosiphonis*, *Trioxys curvicaudus*, *Trioxys falcatus*, *Trioxys galiobii*, *Trioxys humuli*, *Trioxys pallidus*, *Trioxys phyllaphidis*, *Trioxys tenuicaudus*.

### Far Eastern Deciduous Forest

*Ephedrus lacertosus*, *Ephedrus persicae*, *Ephedrus plagiator*, *Aphidius salicis*.

### Mediterranean

*Adialytus thelaxis*, *Aphidius colemani*, *Aphidius transcaspicus*, *Praon athenaeum*,<sup>#</sup> *Praon orpheusi*, *Praon staryi*, *Praon uroleucon*.<sup>#</sup>

### Nearctic

*Lysiphlebus testaceipes*.

## DISCUSSION

The present account represents a summarizing study on the fauna and the associations of aphid parasitoids in southeastern Europe which was lacking so far, despite the significance of this area in determining the transitional zone between the Central European and Mediterranean areas. In general terms, it supplements significantly the over-all information in the broader area of Europe.

The basic research approach, i.e., the determination of the tritrophic associations in each parasitoid species, brings the information to a higher both taxonomical as well as ecological level. The knowledge of the host aphid species is often rather useful in the determination of the parasitoid species identity and eventual detection of the biotypes. Also, information on tritrophic associations is a key background in the detection of the trophic interactions in the communities and in biodiversity studies. Last but not least, such an information may

provide the often required knowledge on the interactions of native ecosystems and agroecosystems.

A broader ecological research of the aforementioned type is projected also in the field of classical biological control. For example, original local information on *A. colemani* from the target area supplements the knowledge of its distribution and ecology of this important bicontrol agent. Similarly, data on the immigrant/introduced *L. testaceipes* bring new information on the adaptation of exotic agents in a new area of the Mediterranean.

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