

Sawflies of the Keszthely Hills and its surroundings

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HARIS, A.: *Sawflies of the Keszthely Hills and its surroundings*.

Abstract: 173 species are reported from the Keszthely Hills and its surroundings. Rare species are *Pamphilius jucundus* (Eversmann, 1847); *Pamphilus histrio* Latreille, 1812; *Orussus unicolor* Latreille, 1812; *Tremex alchymista* Mocsáry, 1886; *Tremex magus* (Fabricius, 1787); *Dolerus (Poodolerus) vernalis* Ermolenko, 1964; *Strongylogaster mixta* (Klug, 1817); *Fenella arenariae* Zombori, 1978; *Fenella nigrita* Westwood, 1839; *Periclista (Periclista) albiventris* (Klug, 1816); *Tenthredo (Cephaledo) neobesa* Zombori, 1980; *Euura fagi* (Zaddach, 1876); *Pristiphora (Pristiphora) albifibbia* (A. Costa, 1859) and *Pristiphora (Pristiphora) fausta* (Hartig, 1837).

Keywords: Hymenoptera, Symphyta, Keszthely Hills, Hungary, rare species

Introduction

Keszthely Hills is the westernmost member of the Transdanubian Mountains. It is built of dolomite, and enriched with limestone formations. The basalt formations of Kovácsi Hill and Tátika-region are the results of the volcanic activity. The other part of the investigated area is the coastal region of Lake Balaton. This region is mainly moorland and wet meadows which were originally part of the lake-bed and turned dry as a result of the water management in the 19th century.

The vegetation is abundant from the sub-Mediterranean xerotherm steppes, through closed oak and beech forests to cold gorges that preserve glacial remains. There are many habitat types with extremely rich flora and fauna of unique values.

No paper was published on the sawflies of this region so far, however, we may find good number of faunistic data on the series published by Dr. Lajos Zombori on the sawfly collection of the Natural History Museum of Zirc (ZOMBORI 1973, 1979, 1980).

Material and methods

The studied and published material consists of 6 collection units. The main part comes from the collecting trips of the author in 2019. It contains 554 specimens of 95 species. Also the author collected sawflies around Keszthely during his university years between 1990 and 1992. They are 38 species of 114 specimens. I identified the sawfly collection

of the Zoological Department of Keszthely University. From this collection, 39 species of 56 specimens are published. The Sáringér collection, housed in Rippl-Rónai Museum, Kaposvár, contains from Keszthely approximately 40 specimens of 7 species. The author also partly identified and partly reidentified and checked the sawflies housed in the Hungarian Natural History Museum, Budapest. He found there 17 specimens of 14 species. Finally, he checked and reidentified the sawflies from this region deposited in the Natural History Museum of Zirc. They amount 92 specimens of 73 species.

In 2019, I spent 2 days in March, 11 days in April, only 3 days in May and 1 day in June on field. The rainfall made the collecting very difficult in May. The applied method was the net sweeping.

For identification, Zhelochovtsev's work on the sawflies of the European part of the former USSR (ZHELOCHOVTSEV 1988) was consulted. We also used some recent revisions and works to make the identifications even more precise (ACHTERBERG & AARTSEN 1986, BLANK & RITZAU 1998, HARIS 2001, 2006, KOCH 1988, ZOMBORI 2016).

For the discussion of the distribution of sawflies, we consulted the book of Roller and Haris titled Sawflies of the Carpathian Basin, History and Current Research (ROLLER & HARIS 2008), the most recent European checklist of species (TAEGER et al. 2006) augmented by other faunistic records from the Carpathian Basin (MOCSÁRY 1900, ZOMBORI 1973, 1979, 1980, ROLLER 1993, 1994, 1996, 1998, 1999a, b, c, d, e, 2000, b, c, 2001, 2004, 2005, 2006a, b; 2010, ROLLER & LUKÁŠ 1999. ROLLER et al. 2006, ROLLER & MACEK 2017, ROLLER & OLŠOVSKÝ 2012, HARIS 2009, 2010, 2011, 2012, 2018a,b; HARIS & GYURKOVICS 2012).

The higher classification of sawflies applied in this work follows the Hymenoptera part of Fauna Europaea (ACHTERBERG 2013).

List of sites

Only my collections from 1991-1992 and 2019 coordinated, the other parts of the material (Budapest, Zirc and Keszthely University collections) have no coordinates.

1991-1992

Keszthely, Újmajor: between 46°44'42.18"N, 17°13'41.57"E and 46°44'19.43"N, 17°14'4.68"E, 114-124 m.

Keszthely: Szendrey-telep: forest belt: between 46°44'56.70"N, 17°14'4.24"E and 46°44'40.52"N, 17°14'12.43"E, 115-116 m.

2019

Balatongyörök: Béláp-völgy, between 46°46'27.16"N, 17°20'53.44"E and 46°47'4.61"N, 17°20'41.12"E, 168-196 m.
Balatongyörök: Mogyorós út: Szőlőhegyek, between 46°46'17.98"N, 17°20'55.23"E and 46°46'22.42"N, 17°20'56.65"E, 155-162 m.

Cserszegtomaj: Büdöskúti út, between 46°48'29.04"N, 17°16'14.33"E and 46°48'27.62"N, 17°16'32.55"E, 169-198 m.

Cserszegtomaj: Dobogó, between 46°47'45.94"N, 17°12'21.29"E and 46°47'56.19"N, 17°12'15.58"E, 130-138 m.

Cserszegtomaj: Fagyos-kereszt, between 46°50'29.67"N, 17°16'3.41"E and 46°50'34.25"N, 17°16'2.10"E, 247-250 m.

Cserszegtomaj: Pilikáni dolomitbánya, between 46°47'43.78"N, 17°15'58.17"E and 46°47'39.07"N, 17°15'58.21"E 145-148 m.

Cserszegtomaj: Várvölgyi út: Pörkölt-hegy, between 46°51'27.77"N, 17°16'7.26"E and 46°51'29.10"N, 17°15'52.07"E, 218-226 m.

Fenékpuszta: régi vámház, between 46°42'35.26"N, 17°14'53.46"E and 46°42'39.20"N, 17°14'55.73"E, 107-112 m.

Gyenesdiás: Lótér, between 46°47'6.96"N, 17°17'42.40"E and 46°47'10.13"N, 17°17'46.74"E, 188-208 m.

Rezi: Gyöngyösi csárda, between 46°49'43.12"N, 17°11'52.27"E and 46°49'48.53"N, 17°11'54.15"E, 123-127 m.
 Vállus: Kis-Láz-völgy, between 46°49'28.87"N, 17°18'29.47"E and 46°49'29.08"N, 17°18'43.36"E, 320-379 m.
 Vállus: Szarvas-kotrás, between 46°49'49.72"N, 17°18'23.52"E and 46°49'50.87"N, 17°18'33.91"E, 307-355 m.
 Várvölgy: Bándi-mező, between 46°52'18.23"N, 17°16'1.42"E and 46°52'15.71"N, 17°15'49.76"E, 178-181 m.
 Várvölgy: Zsidi-rét, between 46°51'58.31"N, 17°17'35.72"E and 46°51'45.38"N, 17°17'24.98"E, 183-193 m.
 Vonyarcvashegy: Láprét, between 46°45'24.03"N, 17°19'55.73"E and 46°45'12.89"N, 17°20'23.39"E, 115-116 m.
 Zalasántó: Alsó-nyíres, between 46°52'48.27"N, 17°14'40.51"E and 46°52'45.80"N, 17°14'29.27"E, 163-167 m.

Results

Xyelidae

Xyela (Xyela) graeca J.P.E.F. Stein, 1876: Cserszegtomaj: Büdöskúti út, 16. 04. 2019, 1 female; Keszthely: Újmajor: Pine alley on *Agrostis stolonifera* ssp. *gigantea* field, 24. 04. 1991 1 female; Keszthely: Újmajor: on *Trifolium incarnatum* field. 22. 04. 1992, 1 male. Sporadic. Larva on *Pinus nigra*.

Pamphiliidae

Pamphilus alternans (Costa, 1860): Keszthely: Szendrey telep: forest belt. 04. 05. 1991., 1 female. Sporadic. Hostplant unknown.

Pamphilus jucundus (Eversmann, 1847): Balatongyörök: Bélap-völgy, 19. 04. 2019, 1 male. Rare. Hostplant unknown.

Cephalcia arvensis Panzer, 1805: Cserszegtomaj: Várvölgyi út: Pörkölt-hegy, 25. 05. 2019, 1 female. Sporadic. Hostplant: *Picea* spp.

Neurotoma nemoralis (Linné, 1758): Balatongyörök: Bélap-völgy, 22. 04. 2019, 2 females; Cserszegtomaj: Dobogó, 21. 04. 2019, 1 female; Cserszegtomaj: Büdöskúti út, 07. 04. 2019, 1 male. Frequent. Larva on *Prunus mahaleb*, *P. armeniaca*, *P. spinosa* and *P. cerasus*.

Pamphilus histrio Latreille, 1812: Keszthely, 24. 05. 2000, 1 female, 04. 2000, 1 female. Rare. Larva on *Populus tremula*.

Pamphilus betulae (Linné, 1758): Keszthely, 23. 05. 1992, 1 female. Sporadic. Hostplant: *Populus tremula*.

Megalodontesidae

Megalodontes plagicephalus (Fabricius, 1804): Balatongyörök: Bélap-völgy, 19. 04. 2019, 1 female, 25. 05. 2019, 1 female; Cserszegtomaj: Dobogó, 11. 05. 2019, 1 male; Keszthely, 23. 05. 2000, 1 female. One of the most frequent Megalodontesidae species. Known hostplant: *Peucedanum alsaticum*.

Orussidae

Orussus abietinus (Scopoli, 1763): Cserszegtomaj: Várvölgyi street, 01. 05. 1991, 1 male. Sporadic. Parasitoid of *Semanotus unduatus* L.

Orussus unicolor Latreille, 1812: Vállus, 28. 05. 1964, 1 female.

Xyphidriidae

Xiphydria camelus (Linné, 1758): Keszthely, 05. 07. 1995, 1 female. Sporadic. Hostplants: *Betula* and *Alnus* spp.

Xiphydria longicollis (Geoffroy, 1785): Keszthely, 10. 05. 1992, 1 female. Sporadic. Hostplants: *Acer*, *Quercus*, *Pinus* and *Betula* spp.

Siricidae

Tremex alchymista Mocsáry, 1886: Rezi: Cseres: Postaút, 12. 05. 2002, female. Rare. Hostplants: *Quercus*, *Acer*, *Betula*, *Fagus* and *Carpinus* spp.

Tremex fuscicornis (Fabricius, 1787): Keszthely, 20. 09. 1917, 1 female. The most frequent Siricidae. Hostplants: *Fagus*, *Acer*, *Salix*, *Betula*, *Populus* and *Ulmus*.

Tremex magus (Fabricius, 1787): Hévíz, 28. 05. 1967, 1 male. Rare. Hostplants: *Betula*, *Quercus*, *Carpinus* and *Populus* spp.

Urocerus gigas (Linné, 1758): Vállus: Büdöskút, 27. 10. 1964, 2 females. Sporadic. Larva lives in *Pinus*, *Picea*, *Larix* and *Abies* spp. but also reared from *Populus* and *Fraxinus* spp. (based on very old dubious records).

Cephidae

Calameuta (Calameuta) filiformis (Eversmann, 1847): Várvölgy: Zsidi-rét, 25. 05. 2019, 1 female; Keszthely Hills, 29. 05. 1957, 1 female. Generally common species. Larva lives in stems of *Arrhenaterum elatius*, *Phalaris arundinacea*, *Calamagrostis epigeios*, *Elytrigia repens* and *Phragmites communis*.

Calameuta (Calameuta) haemorrhoidalis (Fabricius, 1781): Vállus: Barbacs, 22. 05. 1966, 1 female. Frequent. Hostplant unknown.

Calameuta (Calameuta) pallipes (Klug, 1803): Zalaszántó: Kovácsi-hegy, 01-02. 05. 1959, 1 male; Vállus: Láz-tető: 28. 05. 1964, 1 female. Frequent on diverse Poaceae.

Cephus brachycercus Thomson, 1871: Balatongyörök: Bélap-völgy, 27. 04. 2019, 1 female; Keszthely: Camping, 08. 05. 1991. 1 female. Widely distributed, sporadic species. Hostplant unknown.

Cephus pygmeus (Linné, 1767): Balatongyörök: Mogyorós út: Szőlőhegyek, 16. 04. 2019, 1 female; Cserszegtomaj: Dobogó, 18. 05. 2019, 1 female; Keszthely, 21. 05. 2002, 1 female. Common. Insect pest of cereals and Gramineae.

Cephus spinipes (Panzer, 1800): Balatongyörök: Bélap-völgy, 25. 05. 2019, 1 female, 1 male, 01. 06. 2019, 1 female; Cserszegtomaj: Várvölgyi út: Pörkölt-hegy, 25. 05. 2019, 1 male; Cserszegtomaj: Dobogó, 11. 05. 2019, 1 male. Frequent. Hostplant: *Phleum pratense*.

Hartigia nigra (Harris, 1776): Balatongyörök: Bélap-völgy, 11. 05. 2019, 1 male; Zalaszántó: Kovácsi-hegy, 01-02. 05. 1959, 1 female. Sporadic in Hungary. Hostplants: *Rosa* and *Rubus* spp.

Janus compressus (Fabricius, 1793): Keszthely, May 1986., 1 male. Frequent insect pest of *Pyrus* and *Malus* spp.

Janus luteipes (Lepeletier, 1823): Keszthely, 27. 08. 1980, 1 female. Rare. Hostplants: *Salix*, *Populus* and *Viburnum* spp.

Trachelus troglodyta (Fabricius, 1787): Vállus: Büdöskút: Fekete-hegy, 26. 05. 1964, 1 female. Sporadic. Hostplant: *Secale cereale*.

Argidae

Arge cyanocrocea (Förster, 1771): Balatongyörök: Bélap-völgy, 25. 05. 2019, 1 female, 18. 05. 2019, 1 female; Cserszegtomaj: Dobogó, 25. 05. 2019, 1 female, 11. 05. 2019, 1 female, 11. 05. 2019, 2 males; Cserszegtomaj: Várvölgyi út: Pörkölt-hegy, 01. 06. 2019, 1 female; Keszthely, 03. 02. 1992, 1 female, 17. 05. 1992, 1 female, 01. 05. 1991, 1 female. Common species. Known hostplants: *Rubus idaeus* and *Sanguisorba officinalis*.

Arge berberidis Schrank, 1802: Balatongyörök: Bélap-völgy, 18. 04. 2019, 1 female, 22. 04. 2019, 1 female, 25. 05. 2019, 1 male; Cserszegtomaj: Dobogó, 21. 04. 2019, 1 female, 23. 04. 2019, 1 male. Frequent. Larva on *Berberis* and *Mahonia* spp.



Fig. 1. The investigated area at Lake Balaton

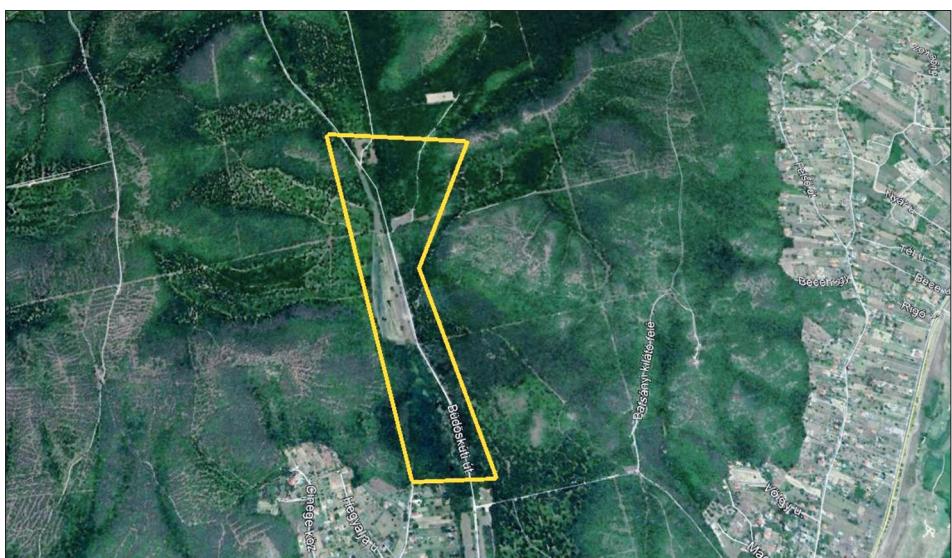


Fig 2. Map of Bélap völgy (Bélap Valley)

Arge enodis (Linné, 1767): Várvölgy, 23. 08. 1979, 1 female.; 21. 07. 1972, 1 female. Frequent. Larva on smooth leaved *Salix* spp.

Arge gracilicornis (Klug, 1814): Zalaszántó: Tátika-erdő, 13. 08. 1966, 3 females. Sporadic. Larva on *Rubus idaeus*.

Arge melanochra (Gmelin, 1790): Balatongyörök: Bélap-völgy, 25. 05. 2019, 1 female, 01. 06. 2019, 2 females; Várvölgy: Bándi-mező, 01. 06. 2019, 3 females, 4 males; Vállus: Láz-tető, 28. 05. 1964, 1 male. Frequent, the most common Argid sawfly. Hostplant: *Crataegus oxyacantha*.



Fig. 3. Map of Dobogó



Fig. 4. Map of Zalaszántó: Alsó-nyíres

Arge nigripes (Retzius, 1783): Balatongyörök: Bélap-völgy, 22. 04. 2019, 1 female. Sporadic. Hostplants: *Rosa* spp.

Arge ochropus (Gmelin, 1790): Zalaszántó: Tátika-erdő, 13. 08. 1966, 1 female. Locally frequent. Pest of *Rosa* spp.

Arge pagana ssp. *pagana* (Panzer, 1797): Cserszegtomaj: Fagyos-kereszt, 01. 06. 2019, 1 male; Keszhely, 10. 05. 2000, 1 male; Zalaszántó: Tátika-erdő, 13. 08. 1966, 1 female. Frequent. Hostplants: *Rosa* spp.

Arge rustica (Linné, 1758): Balatongyörök: Bélap-völgy, 01. 06. 2019, 2 females; Vállus: Láz-tető, 28. 05. 1964, 1 female. Sporadic. Hostplant: *Quercus* spp.

Cimbicidae

Abia aenea (Klug, 1820): Balatongyörök, 02. 07. 1978, 1 female. Sporadic. Hostplants: *Lonicera* and *Symporicarpos* spp.

Abia sericea (Linné, 1758): Zalaszántó: Tátika-erdő, 13. 08. 1966, 1 female, 1 male. Frequent. Larva on *Succisa*, *Knautia* and *Fragaria* spp.

Cimbex femoratus (Linné, 1758): Keszthely, 11. 05. 1986, 1 male, 22. 05. 1997, 1 male. Widely distributed, frequent species. Hostplants: *Betula pendula* and *B. pubescens*.

Cimbex luteus (Linné, 1758): Keszthely, 20. 05. 2017, 1 female. Sporadic; Vállus: Szentmiklósi-völgy, 22. 05. 1966, 1 female. Larva on *Populus tremula* and *Salix* spp.

Cimbex quadrimaculatus (O.F. Müller, 1766): Keszthely, 11. 05. 1994, 1 female. Frequent insect pest. Larva on *Crataegus*, *Pyrus* and *Prunus* spp.

Corynis crassicornis (Rossi, 1790): Vállus, 20-21. 05. 1969, 1 female. Sporadic. Hosts are *Sedum* spp. (*S. album*, *S. acre* and *S. sexangulare*).

Trichiosoma tibiale Stephens, 1835: Keszthely, 01. 05. 2000, 1 female. Rare. Larva on *Crataegus* (need confirmation), *Spiraea*, *Sorbus aucuparia* and *Salix* spp.

Diprionidae

Diprion pini (Linné, 1758): Keszthely, 20. 06. 1990, 1 male. Frequent. Insect pest of *Pinus* spp.

Tenthredinidae

Dolerinae

Dolerus (Achaetoprion) triplicatus (Klug, 1818): Keszthely, 01. 05. 2002, 1 male. Sporadic. Larva on *Juncus filiformis* and *J. effusus*.

Dolerus (Dicrodolerus) vestigialis (Klug, 1818): Balatongyörök: Bélap-völgy, 22. 04. 2019, 1 female, 19. 04. 2019, 1 female, 21. 04. 2019, 1 female, 20. 04. 2019, 1 male; Vonyarcvashegy: Láprét, 18. 05. 2019, 1 female, 21. 04. 2019, 1 male, 27. 04. 2019, 1 male; Vállus: Szentmiklósi-völgy, 22. 05. 1966, 1 female. Common. Hostplants: *Equisetum palustre*, *E. sylvaticum*, *E. arvense* and *E. pratense*.

Dolerus (Oncodolerus) eversmanni W. F. Kirby, 1882: Várvölgy: Zsidi-rét, 17. 04. 2019, 2 males. Frequent. Larva on *Equisetum arvense* and *E. palustre*.

Dolerus (Poodolerus) aeneus Hartig, 1837: Cserszegtomaj: Dobogó, 17. 04. 2019, 1 male; Cserszegtomaj: Keszthely Hills: Pilikáni street, 22. 05. 1991, 1 female. Sporadic. Hostplants: Graminae.

Dolerus (Dolerus) aericeps Thomson, 1871: Várvölgy, 21. 07. 1972, 1 female; Zalaszántó: Kovácsi-hegy, 14. 08. 1966, 4 males. Frequent. Larva on *Equisetum palustre*.

Dolerus (Dolerus) germanicus ssp. *germanicus* (Fabricius, 1775): Vonyarcvashegy: Láprét, 27. 04. 2019, 1 female; Várvölgy: Zsidi-rét, 17. 04. 2019, 1 male; Keszthely: Szendrey telep, 01. 05. 1991, 1 male; Zalaszántó: Kovácsi-hegy, 14. 08. 1966, 1 female. Common. Larva on *Equisetum arvense* and *E. palustre*.

Dolerus (Poodolerus) asper Zaddach, 1859: Balatongyörök: Bélap-völgy, 23. 04. 2019, 1 female. Sporadic. Hostplants: Graminae and Cyperaceae.

Dolerus (Poodolerus) brevicornis Zaddach, 1859: Rezi: Gyöngyösi csárda, 06. 04. 2019, 1 female; Zalaszántó: Alsó-nyíres, 20. 04. 2019, 1 female. Sporadic. Larva on Graminae.

Dolerus (Poodolerus) gonager (Fabricius, 1781): Vállus: Szarvas-kotrás, 07. 04. 2019, 1 female; Vállus: Kis-Láz-völgy, 17. 04. 2019, 1 female; Balatongyörök: Bélap-völgy, 23. 04. 2019, 1 female; Fenékpuszta: régi vámház, 30. 03. 2019, 1 male; Keszthely: Újmajor on *Triticum aestivum* 02. 04. 1990, 1 female; Keszthely: Újmajor on

Agrostis stolonifera ssp. *gigantea* 03. 04. 1991, 4 males, 07. 04. 1991, 1 male, 09. 04. 1991, 1 male. Common. Larva on Gramineae.

Dolerus (Poodolerus) haematodes (Schrank, 1781): Keszhely: Újmajor on *Agrostis* s. ssp. g. 21. 03. 1991, 1 female; Keszhely: Újmajor on *Festuca rubra* 03. 04. 1991, 1 male. Frequent. Larva on *Juncus*, *Scirpus*, *Crex* and Gramineae.

Dolerus (Poodolerus) liogaster C. G. Thomson, 1871: Cserszegtomaj: Várvölgyi út: Pörkölt-hegy, 07. 04. 2019, 1 female.

Dolerus (Poodolerus) migratus (O.F. Müller, 1776): Fenékpuszta: Régi vámház, 30. 03. 2019, 1 female; Zalaszántó: Alsó-nyíres, 31. 03. 2019, 2 females, 20. 04. 2019, 2 females; Cserszegtomaj: Fagyos-kereszt, 17. 04. 2019, 1 female, 1 male; Rezi: Gyöngyösi csárda, 17. 04. 2019, 1 female; Balatongyörök: Bélap-völgy, 20. 04. 2019, 1 female, 21. 04. 2019, 1 female; Várvölgy: Zsidi-rét, 30. 03. 2019, 1 male; Várvölgy: Bárdi-mező, 07. 04. 2019, 1 male; Keszhely: Újmajor on *Agrostis* s. ssp. *gigantea*. 16. 03. 1990, 1 female; Keszhely: Újmajor on *Triticum aestivum* 16. 03. 1990, 1 male; Keszhely: Újmajor on *Agrostis* s. ssp. g. 24. 04. 1991, 1 female; Keszhely: Újmajor on *Festuca rubra* 29. 04. 1991, 1 female; Keszhely: Újmajor on *Agrostis* s. ssp. g. 29. 04. 1991, 1 female; 25. 04. 1990, 1 female, 03. 04. 1991, 1 female; Keszhely: Újmajor on *Triticum aestivum* 03. 04. 1991, 3 females, Keszhely: Újmajor on *Agrostis* s. ssp. g. 07. 04. 1991, 1 female; Keszhely on *Triticum aestivum* 24. 04. 1991, 2 females; Keszhely: Újmajor on *Agrostis* s. ssp. g. 09. 04. 1991, 1 female; Keszhely: Újmajor on *Triticum aestivum* 09. 04. 1991, 1 female; Keszhely: Újmajor on *Agrostis* s. ssp. g. 16. 04. 1991, 1 female; Keszhely: Szendrey telep on flower of *Cerasus avium*, 21. 04. 1992, 1 female; Keszhely: Újmajor on *Agrostis* s. ssp. g. 03. 04. 1991, 7 males; Keszhely: Újmajor on *Agrostis* s. ssp. g. 07. 04. 1991, 8 males; Keszhely: Újmajor on *Agrostis* s. ssp. g. 09. 04. 1991, 6 males, 16. 04. 1991, 3 males; Keszhely: Újmajor on *Agrostis* s. ssp. g. 16. 03. 1990, 1 male; Keszhely: Újmajor on *Agrostis* s. ssp. g. 02. 04. 1990, 1 male, 13. 04. 1990, 1 male, 21. 03. 1991, 1 male; Várvölgy: Nagyház-tető, 21. 05. 1969, 1 female. Common. Larva on Gramineae including cereals.

Dolerus (Poodolerus) nitens Zaddach, 1859: Várvölgy: Zsidi-rét, 07. 04. 2019, 1 male; Zalaszántó: Kovácsi-hegy, 02-03. 05. 1959, 1 male.. Sporadic. Larva on Cyperaceae and Gramineae.

Dolerus (Poodolerus) picipes (Klug, 1818): Balatongyörök: Bélap-völgy, 19. 04. 2019, 1 female; Keszhely: Újmajor on *Agrostis* s. ssp. g. 13. 04. 1990, 1 female; Keszhely: Szendrey telep on *Triticum aestivum* 16. 04. 1991, 1 female; Keszhely on *Secale cereale* 11. 04. 1989, 1 female. Frequent. Larva on Graminae.

Dolerus (Poodolerus) puncticollis Thomson, 1871: Balatongyörök: Bélap-völgy, 06. 04. 2019, 2 females, 22. 04. 2019, 1 female; Várvölgy: Bárdi-mező, 07. 04. 2019, 1 female; Várvölgy: Zsidi-rét, 07. 04. 2019, 1 female; Rezi: Gyöngyösi csárda, 17. 04. 2019, 1 female; Keszhely: Újmajor on *Agrostis* s. ssp. g. 03. 04. 1991, 1 male, 1 female; Keszhely: Újmajor on *Triticum aestivum* 03. 04. 1991, 1 male, 6 females;, Keszhely: Újmajor on *Festuca rubra* 03. 04. 1991, 1 female; Keszhely: Újmajor on *Festuca pseudovina*, 21. 03. 1990, 1 female; Keszhely: Újmajor on *Agrostis* s. ssp. g. 07. 04. 1991, 2 females; Keszhely: Újmajor on *Triticum aestivum* 07. 04. 1991, 2 females; Keszhely: Újmajor on *Agrostis* s. ssp. g., 09. 04. 1991, 1 female, 1990. 03. 21. 1 female; Keszhely Újmajor *Triticum aestivum* 1990. 03. 21. 1 female; Keszhely Újmajor grass culture, 1991. 04. 03. 1 female; Keszhely: Szendrey telep on *Triticum aestivum* 24. 04. 1991, 1 female; Keszhely: Szendrey telep on flower of *Malus domestica*, 14. 04. 1992, 2 females. Common. Larva on Graminae including cereals.

Dolerus (Poodolerus) sanguinicollis (Klug, 1818): Keszhely: Park next to Halászcsárda, 08. 05. 1991, 1 female. Sporadic.

Dolerus (Poodolerus) vernalis Ermolenko, 1964: Keszhely, 04. 04. 1974, 1 female. Rare. Hostplant unknown.

Allantinae

Allantus (Emphytus) didymus (Klug, 1818): Balatongyörök: Bélap-völgy, 18. 04. 2019, 1 male. Sporadic. Larva on *Sanguisorba minor*: old records from *Rubus* and *Rosa* spp. need checking.

Allantus (Emphytus) cingulatus (Scopoli, 1763): Balatongyörök: Bélap-völgy, 27. 04. 2019, 1 female, 1 male; Várvölgy: Nagyláz-tető, 21. 05. 1969, 1 female. Frequent. Larva on *Fragaria* and *Rosa* spp.

Allantus (Emphytus) cinctus (Linné, 1758): Balatongyörök: Mogyorós út: Szőlőhegyek, 18. 04. 2019, 1 female; Balatongyörök: Bélap-völgy, 20. 04. 2019, 1 male. Frequent. Hostplants: *Rosa* spp.

Allantus (Emphytus) calceatus (Klug, 1818): Várvölgy: Zsidi-rét, 17. 04. 2019, 1 female; Balatongyörök: Bélap-völgy, 23. 04. 2019, 1 female. Sporadic. Hostplants: *Rubus*, *Sanguisorba*, *Rosa*, *Filipendula*, *Fragaria* and *Alchemilla* spp.

Allantus (Emphytus) melanarius (Klug, 1818): Balatongyörök: Bélap-völgy, 22. 04. 2019, 1 female. Frequent. Hostplant: *Cornus sanguinea*.

Ametastegia (Protemphytus) carpini (Hartig, 1837): Balatongyörök: Bélap-völgy, 23. 04. 2019, 1 female, 20. 04. 2019, 1 female, 18. 04. 2019, 1 female. Sporadic. Hostplant: *Geranium* spp.

Ametastegia (Ametastegia) equiseti (Fallén, 1808): Keszhely, 08. 05. 1991, 1 female. Frequent. Larva on *Chenopodium album*, *Lythrum salicaria*, *Polygonum persicaria* and *Rumex acetosella*.

Ametastegia (Ametastegia) glabrata (Fallén, 1808): Keszhely 20-30. 05. 1992, 1 female. Frequent. Larva on *Chenopodiaceae*, *Polygonaceae*, *Plantago*, *Salix*, *Lithrum*, *Ribes* and *Rubus* spp.

Athalia ancilla ssp. *ancilla* Serville, 1823: Keszhely, 13. 06. 1957, 1 female, 03. 09. 1955, 1 female, 16. 06. 1958, 1 female, 31. 05. 1957, 1 female, 31. 05. 1956, 1 female, 17. 06. 1957, 1 male, 24. 08. 1957, 1 male, 05. 09. 1957, 1 male, 06. 09. 1954, 1 male, 27. 06. 1954, 1 male, 04. 07. 1957, 1 female, 07. 08. 1957, 1 female, 27. 06. 1957, 1 female. Insect pest. Hostplants: *Diplotaxis tenuifolia*, *Erysimum cheiranthoides*, *Raphanus raphanistrum*, *Sinapis* spp.

Athalia bicolor Serville, 1823: Balatongyörök: Bélap-völgy, 11. 05. 2019, 1 male; Várvölgy: Zsidi-rét, 25. 05. 2019, 1 male; Keszhely, 04. 06. 1954, 1 female, 31. 05. 1956, 1 female, 29. 05. 1957, 1 female. Frequent. Hostplant: *Ranunculus* spp.

Athalia circularis (Klug, 1815): Várvölgy: Bárdi-mező, 11. 05. 2019, 1 female; Keszhely 20. 06. 1990, 1 female. Frequent. Hostplants: *Arctium lappa*, *Ajuga reptans*, *Veronica beccabunga*, *V. longifolia*, *V. officinalis*, *Alliaria petiolata*, *Glechoma hederacea*, *Melampyrum*, *Capsella* and *Lycopus* spp.

Athalia cordata Serville, 1823: Balatongyörök: Bélap-völgy, 19. 04. 2019, 1 female, 2 males, 22. 04. 2019, 1 female, 16. 04. 2019, 2 females, 6 males, 18. 04. 2019, 1 male, 21. 04. 2019, 1 male; Balatongyörök: Mogyorós út: Szőlőhegyek, 16. 04. 2019, 4 males; Cserszegtomaj: Dobogó, 21. 04. 2019, 1 male; Cserszegtomaj: Fagyos-kereszt, 20. 04. 2019, 1 female; 17. 04. 2019, 1 male. Keszhely 19. 10. 1991, 1 male; Keszhely: University Dorm. Park 02. 05. 1991, 1 male; Keszhely: Szendrey telep: forest belt, 14. 05. 1991, 1 male, 1 female, 21. 05. 1991, 1 male; Keszhely: Újmajor: on *Medicago sativa* field, 11. 09. 1992, 1 female; Cserszeg, 04. 07. 1992, 1 female; Keszhely, 22. 05. 2002, 1 female, 12. 05. 2002, 1 female, 11. 04. 1998, 1 female; Zalaszántó: Kovácsi-hegy, 02-03. 05. 1959, 3 males, Zalaszántó: Tátika-erdő, 13. 08. 1966, 1 female, Vállus:

Csetény, 23. 05. 1969, 1 female. Common. Larva on *Misopates orontinum*, *Antirrhinum majus*, *Ajuga reptans*, *Teucrium scorodonia* and *Plantago* spp.

Athalia liberta (Klug, 1815): Vállus: Láz-tető, 28. 05. 1964, 1 female. Frequent. Feeding on *Alliaria petiolata*, *Arabidopsis thaliana*, *Cardamine hirsuta* and *Sisymbrium officinale*.

Athalia rosae (Linné, 1758): Balatongyörök: Bélápol-völgy, 18. 04. 2019, 2 females, 21. 04. 2019, 1 female, 22. 04. 2019, 1 female, 23. 04. 2019, 2 females; Cserszegtomaj: Dobogó, 21. 04. 2019, 1 female; Vonyarcvashegy: Láprét, 21. 04. 2019, 1 female; Zalaszántó: Alsó-nyíres, 11. 05. 2019, 1 female; Cserszeg 20-21. 06. 1992, 1 female; Keszhely, 21. 05. 2017, 1 female; Hévíz, 17. 09. 2016, 1 female. Common pest. Hostplants: *Raphanus sativus*, *R. raphanistrum*, *Sinapis arvensis*, *Sisymbrium officinale*, *Armoracia rusticana*, *Barbarea* sp., *Brassica napus*, *B. juncea*, *B. rapa*, *B. oleracea*, *Tropaeolum majus*, *Sinapis arvensis*, *Alliaria petiolata* and *Cardamine* spp.

Empria liturata (Gmelin, 1790): Balatongyörök: Bélápol-völgy, 23. 04. 2019, 1 female, 22. 04. 2019, 1 female, 20. 04. 2019, 1 female, 18. 04. 2019, 1 female, 21. 04. 2019, 1 female, 1 male, 21. 04. 2019, 1 female, 18. 04. 2019, 1 female, 20. 04. 2019, 1 female, 16. 04. 2019, 1 female, 1 male; Balatongyörök: Mogyorós út: Szőlőhegyek, 18. 04. 2019, 1 female, 06. 04. 2019, 1 male, 16. 04. 2019, 1 male; Cserszegtomaj: Büdöskúti út, 07. 04. 2019, 1 male, 16. 04. 2019, 1 male; Cserszegtomaj: Dobogó, 22. 04. 2019, 1 male; Cserszegtomaj: Fagyos-kereszt, 17. 04. 2019, 1 male, 20. 04. 2019, 1 male; Várvölgy: Bándi-mező, 31. 03. 2019, 1 male; Vállus: Kis-Láz-völgy, 17. 04. 2019, 1 female. Frequent. Hostplants: *Fragaria* and *Geum* spp.

Empria parvula (Konow, 1892): Balatongyörök: Bélápol-völgy, 23. 04. 2019, 1 female, 21. 04. 2019, 1 female, 16. 04. 2019, 1 female. Sporadic. Hostplant unknown.

Empria sexpunctata (Serville, 1823): Cserszegtomaj: Büdöskúti út, 07. 04. 2019, 1 female, 16. 04. 2019, 1 female; Balatongyörök: Bélápol-völgy, 20. 04. 2019, 1 female, 11. 05. 2019, 1 female. Frequent. Larva on *Geum* spp.

Empria tridens (Konow, 1896): Cserszegtomaj: Dobogó, 22. 04. 2019, 1 female; Balatongyörök: Bélápol-völgy, 27. 04. 2019, 1 female. Frequent. Hostplants: *Geum* spp. and *Rubus idaeus*.

Monostegia abdominalis (Fabricius, 1798): Keszhely, 01. 08. 1959, 1 female; Zalaszántó: Tátika-erdő, 13. 08. 1966, 4 females. Frequent. Recorded on *Glaux maritima*, *Lysimachia numularia* and *L. vulgaris*.

Monostegia cingulata (Konow, 1891): Zalaszántó: Kovácsi-hegy, 28. 06. 1965, 1 female; Vállus: Büdöskút: Fekete-hegy, 26. 05. 1964, 6 females.

Taxonus agrorum (Fallén, 1808): Balatongyörök: Bélápol-völgy, 23. 04. 2019, 1 female, 27. 04. 2019, 1 female; Keszhely, 20. 10. 1998, 1 male. Frequent. Hostplants: *Rubus idaeus* and *R. caesius*.

Taxonus sticticus (Klug, 1817): Vállus: Büdöskút: Fekete-hegy, 26. 05. 1964, 1 female. Sporadic. Hostplant unknown.

Selandrinae

Birkia cinereipes (Klug, 1816): Cserszegtomaj: Dobogó, 22. 04. 2019, 1 female; Balatongyörök: Bélápol-völgy, 27. 04. 2019. Sporadic. Hostplants: *Myosotis* spp.

Nesoselandria morio (Fabricius, 1781): Balatongyörök: Bélápol-völgy, 11. 05. 2019, 1 female; Keszhely, 30. 05. 1960, 1 female, 06. 07. 1960, 1 female, 08. 10. 1960, 1 female, 29. 05. 1958, 1 female. Frequent. Hostplants: *Brachytecium reflexum*, *Ceratodon purpureus*, *Chenopodium album*, *Dicranum scoparium*, *Fragaria vesca*, *Hedwigia ciliata*, *Myosotis arvensis*, *Plagiomnium cuspidatum*, *Plagiothecium denticulatum*,

Polygonum aviculare, *Polytrichum commune*, *Pseudobryum cinclidioides*, *Sanionia uncinata*, *Stellaria media*, *Veronica chamaedrys* and *V. officinalis*.

Selandria serva (Fabricius, 1793): Keszthely: Szendrey telep: forest belt, 21. 05. 1991, 1 male. Frequent. Host plants: Poaceae, *Carex* spp. and *Juncus* spp.

Strongylogaster mixta (Klug, 1817): Keszthely, 25. 04. 2007, 1 female. Rare. Hostplants: *Athyrium filix-femina*, *Pteridium aquilinum* and *Aspidium* spp.

Heterarthrinae

Endelomyia aethiops (Gmelin, 1790): Balatongyörök: Bélap-völgy, 22. 04. 2019, 1 female. Sporadic. Larva on *Rosa* spp.

Fenella arenariae Zombori, 1978: Keszthely, 27. 07. 1977, 1 female. Rare. Larva on *Potentilla arenaria*.

Fenella nigrita Westwood, 1839: Keszthely: Camping, 30. 06. 1982, 1 female. Rare. Hostplants: *Potentilla reptans* and *Agrimonia eupatoria*.

Hinatara nigripes (Konow, 1907): Balatongyörök: Bélap-völgy, 16. 04. 2019, 1 female; Cserszegtomaj: Fagyos-kereszt, 17. 04. 2019, 1 female. Sporadic. Hostplant: *Acer capestre*.

Blennocampinae

Blennocampa phyllocolpa Viitasaari & Vikberg, 1985: Keszthely: Szendrey telep, April 1993, 1 male. Frequent. Larva rolls the leaves of *Rosa* spp.

Eutomostethus ephippium (Panzer, 1798): Zalaszántó: Alsó-nyíres, 11. 05. 2019, 1 male; Vonyarcvashegy: Láprét, 21. 04. 2019, 1 female; Cserszegtomaj: Várvölgyi út: Pörkölt-hegy, 01. 06. 2019, 1 female. Common, larva on Poaceae.

Eutomostethus gagathinus (Klug, 1816): Vonyarcvashegy: Láprét, 27. 04. 2019, 1 female. Sporadic. Hostplant unknown.

Eutomostethus luteiventris (Klug, 1816): Balatongyörök: Bélap-völgy, 19. 04. 2019, 1 female; Keszthely: Szendrey telep 01. 05. 1991, 1 female. Locally frequent. Larva on *Juncus effusus*.

Claremontia alternipes (Klug, 1816): Balatongyörök: Bélap-völgy, 18. 04. 2019, 1 female; Vállus: Kis-Láz-völgy, 17. 04. 2019, 1 female. Sporadic. Hostplant: *Rubus idaeus*.

Claremontia brevicornis (Brischke, 1883): Várvölgy: Bándi-mező, 30. 03. 2019, 1 female; Balatongyörök: Bélap-völgy, 20. 04. 2019, 1 female, 18. 04. 2019, 1 female, 22. 04. 2019, 1 female; Cserszegtomaj: Fagyos-kereszt, 17. 04. 2019, 1 female; Zalaszántó: Alsó-nyíres, 16. 04. 2019, 2 males.

Claremontia waldheimii (Gimmerthal, 1847): Balatongyörök: Bélap-völgy, 16. 04. 2019, 1 female; Balatongyörök: Mogyorós út: Szőlőhegyek, 18. 04. 2019, 1 female. Frequent. Hostplant: *Geum urbanum*.

Halidamia affinis (Fallén, 1807): Keszthely: Szendrey telep 08. 05. 1991, 1 female. Frequent. Hostplants: *Galium aparine* and *G. molugo*.

Monophadnoides rubi (Harris, 1845): Rezi: Gyöngyösi csárda, 06. 04. 2019, 1 female; Zalaszántó: Alsó-nyíres, 20. 04. 2019, 1 female. Frequent. Hostplant: *Rubus fructicosus*.

Monophadnus pallescens (Gmelin, 1790): Rezi: Gyöngyösi csárda, 31. 03. 2019, 1 female; Cserszegtomaj: Várvölgyi út: Pörkölt-hegy, 07. 04. 2019, 1 female; Cserszegtomaj: Dobogó, 17. 04. 2019, 1 female; Balatongyörök: Mogyorós út: Szőlőhegyek, 16. 04. 2019, 1 female; Balatongyörök: Bélap-völgy, 20. 04. 2019, 1 female, 22. 04. 2019, 1 female, 23. 04. 2019, 1 female; Keszthely, 06. 04. 1957, 1 female. Common. Hostplants: *Ranunculus acris*, *R. repens*, *R. lanuginosus* and *Anemone nemorosa*.

Monophadnus spinolae (Klug, 1816): Balatongyörök: Bélápol-völgy, 18. 05. 2019, 1 female; Vállus: Láz-tető: 28. 05. 1964, 2 males. Sporadic. Hostplants: *Clematis vitalba* and *C. flammula*.

Pareophora pruni (Linné, 1758): Cserszegtomaj: Dobogó, 21. 04. 2019, 1 female, 22. 04. 2019, 1 female, 1 male; Cserszegtomaj: Fagyos-kereszt, 17. 04. 2019, 1 male; Balatongyörök: Bélápol-völgy, 23. 04. 2019, 2 females, 21. 04. 2019, 1 male, 22. 04. 2019, 1 male; Balatongyörök: Mogyorós út: Szőlőhegyek, 18. 04. 2019, 2 males. Frequent. Larva on *Prunus spinosa*.

Periclista (Periclista) albiventris (Klug, 1816): Balatongyörök: Bélápol-völgy, 22. 04. 2019, 1 female, 20. 04. 2019, 1 female, 27. 04. 2019, 2 males. Sporadic. Hostplant unknown.

Stethomostus fuliginosus (Schrank, 1781) Keszhely: Szendrey telep: forest belt, 15. 05. 1992, 1 male; Zalaszántó: Alsó-nyíres, 23. 04. 2019, 1 male. Frequent. Larva on *Ranunculus acris*, *R. repens* and *R. sceleratus*.

Tomostethus nigritus (Fabricius, 1804): Keszhely, 29. 04. 2000, 1 male. Sporadic. Hostplant: *Fraxinus excelsior*.

Tenthredininae

Aglaostigma (Astochus) aucupariae (Klug, 1817): Balatongyörök: Bélápol-völgy, 16. 04. 2019, 1 female, 21. 04. 2019, 2 females, 18. 04. 2019, 2 males, 22. 04. 2019, 1 male; Balatongyörök: Mogyorós út: Szőlőhegyek, 18. 04. 2019, 1 female; Cserszegtomaj: Pilikáni dolomitbánya, 30. 03. 2019, 1 male; Cserszegtomaj: Várvölgyi út: Pörkölt-hegy, 30. 03. 2019, 1 male; Vállus: Szarvas-kotrás, 07. 04. 2019, 1 male; Vállus: Kis-Láz-völgy, 17. 04. 2019, 1 male; Várvölgy: Zsidi-rét, 30. 03. 2019, 1 female; Várvölgy: Bárdi-mező, 31. 03. 2019, 1 male, 16. 04. 2019, 1 male; Zalaszántó: Alsó-nyíres, 31. 03. 2019, 1 female, 1 male; Rezi, 23. 04. 1992, 1 male; Keszhely: Újmajor on *Phleum pratense* 16. 04. 1991, 1 female; Keszhely: Újmajor, 18. 05. 1993, 1 female; 20. 04. 2002, 1 female. Common. Larva on *Galium mollugo* and *G. boreale*.

Aglaostigma (Astochus) fulvipes (Scopoli, 1763): Balatongyörök: Bélápol-völgy, 27. 04. 2019, 1 female, 1 male, 20. 04. 2019, 1 male, 21. 04. 2019, 2 males, 22. 04. 2019, 1 male, 23. 04. 2019, 2 males, 19. 04. 2019, 1 male; Balatongyörök: Mogyorós út: Szőlőhegyek, 19. 04. 2019, 1 male; Cserszegtomaj: Fagyos-kereszt, 20. 04. 2019, 1 female, 1 male; Gyenesdiás: Lótér, 19. 04. 2019, 1 male; Rezi: Gyöngyösi csárda, 17. 04. 2019, 1 female; Várvölgy: Zsidi-rét, 17. 04. 2019, 1 male; Keszhely: Szendrey telep, *Vicia* spp. 28. 05. 1992, 1 female; Keszhely: Szendrey telep, 18. 05. 1992, 1 female, 01. 05. 1992, 1 male. Common. Larva on *Galium mollugo* and *G. verum*.

Macrophyia (Macrophyia) albicincta (Schrank, 1776): Rezi: Gyöngyösi csárda, 17. 04. 2019, 2 females, 1 male; Balatongyörök: Bélápol-völgy, 19. 04. 2019, 1 female, 27. 04. 2019, 1 female; Balatongyörök: Mogyorós út: Szőlőhegyek, 19. 04. 2019, 1 male; Cserszegtomaj: Fagyos-kereszt, 20. 04. 2019, 1 male; Vonyarcvashegy: Láprét, 21. 04. 2019, 2 females; Keszhely: park 08. 05. 1991, 1 female; Keszhely: Szendrey telep: forest belt, 21. 05. 1991, 3 females; Cserszegtomaj: Keszhely Hills: Várvölgyi út, 22. 05. 1991, 1 male; Keszhely, 13. 05. 2002, 1 female, 21. 05. 2002, 1 female, 30. 05. 1992, 1 female, 19. 05. 1992, 1 male, 12. 05. 2010, 1 female, 16. 05. 2002, 1 female. Common. Hostplants: *Sambucus ebulus*, *S. nigra*, *S. racemosa*, *Valeriana officinalis* and *Viburnum opulus*.

Macrophyia (Macrophyia) annulata (Geoffroy, 1785): Keszhely: Szendrey telep: forest belt, 30. 06. 1991, 1 female; Keszhely, 04. 05. 2000, 1 female, 12. 05. 1992, 1 female, 29. 04. 2001, 1 male; Cserszegtomaj: Dobogó, 25. 05. 2019, 2 females, 1 male; Cserszegtomaj: Fagyos-kereszt, 01. 06. 2019, 1 male; Balatongyörök: Bélápol-völgy, 25.



Fig. 5. Map of Várvölgy: Bándi-mező (Bándi Meadow)

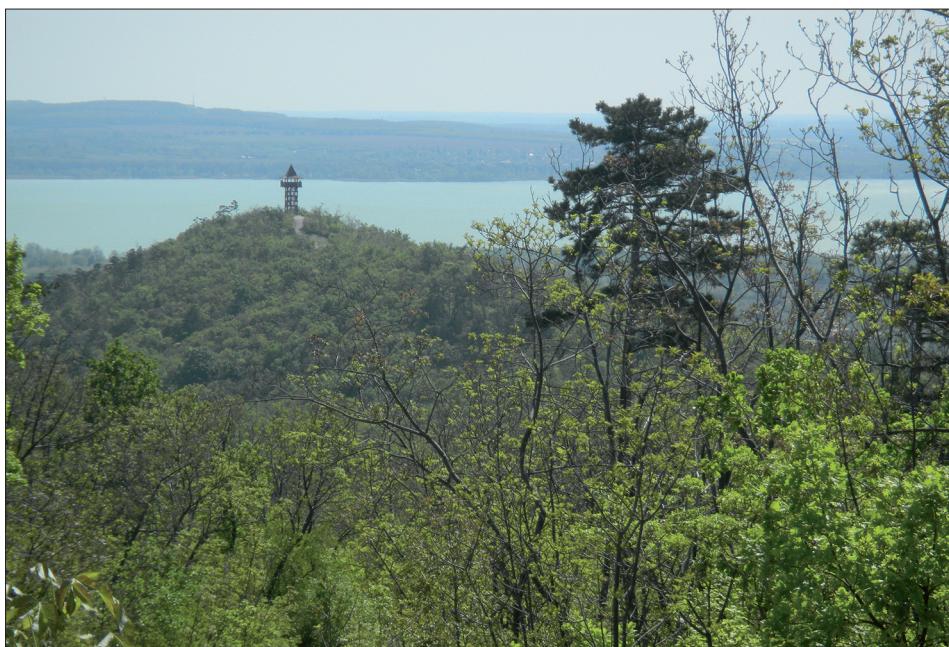


Fig. 6. Landscape of Keszthely Hills with Lake Balaton in the background

05. 2019, 1 female, 1 male, 11. 05. 2019, 1 female, 1 male, 01. 06. 2019, 1 male;
Balatongörök: Mogyorós út: Szőlőhegyek, 11. 05. 2019, 1 male. Frequent. Larva on
Potentilla reptans, *Origanum vulgare*, *Euphorbia*, *Rosa*, *Rubus* and *Sambucus* spp.



Fig. 7. Landscape of Bélap-völgy (Bélap Valley)



Fig. 8. Sampling site at Gyöngyösi Betyárcsárda in Rezi

Macrophyia (Macrophyia) crassula (Klug, 1817): Cserszegtomaj: Dobogó, 25. 05. 2019, 1 female. Sporadic. Hostplant: *Sambucus ebulus*.

Macrophyia (Macrophyia) duodecimpunctata ssp. *duodecimpunctata* (Linné, 1758): Balatongyörök: Mogyorós út: Szőlőhegyek, 11. 05. 2019, 1 male; Keszhely: Szendrey telep, forest belt, 21. 05. 1991, 1 female; Keszhely, 10. 05. 1993, 1 female, 11. 05. 2000, 1 female, 22. 05. 2002, 1 female. Common. Hostplants: *Graminae*, *Cyperaceae* and *Carex* spp.

Macrophyia (Macrophyia) erythrocnema A. Costa, 1859: Cserszegtomaj: Dobogó, 25. 05. 2019, 1 female. Sporadic. Hostplant: *Knautia arvensis*.

Macrophyia (Macrophyia) montana (Scopoli, 1763): Cserszegtomaj: Dobogó, 11. 05. 2019, 2 females, 25. 05. 2019, 1 female, 1 male, 18. 05. 2019, 1 female; Balatongyörök: Bélápol-völgy, 25. 05. 2019, 1 female, 1 male, 18. 05. 2019, 1 female, 01. 06. 2019, 2 females, 11. 05. 2019, 1 male; Cserszegtomaj: Várvölgyi út: Pörkölt-hegy, 01. 06. 2019, 1 female, 25. 05. 2019, 1 male; Keszhely, 24. 05. 1997, 1 female. Common. Hostplant: *Rubus caesius*.

Macrophyia (Macrophyia) postica (Brullé, 1832): Balatongyörök: Bélápol-völgy, 01. 06. 2019, 2 females. Frequent. Hostplant unknown.

Macrophyia (Macrophyia) recognata Zombori, 1979: Rezi, 01. 08. 1983, 1 female. Sporadic. Hostplant unknown.

Macrophyia (Macrophyia) ribis (Schrantz, 1781): Keszhely: Szendrey telep: forest belt 30. 06. 1991, 2 females; Keszhely: Szendrey telep: forest belt, 22. 06. 1991, 1 male. Frequent. Larva on *Sambucus nigra*.

Macrophyia (Macrophyia) rufipes (Linné, 1758): Cserszegtomaj: Dobogó, 11. 05. 2019, 1 female, 25. 05. 2019, 2 females, 2 males; Várvölgy: Bándi-mező, 01. 06. 2019, 1 female, 1 male. Frequent. Larva on *Agrimonia eupatoria*.

Macrophyia (Pseudomacrophyia) punctumalbum (Linné, 1767): Keszhely, 16. 05. 1992, 1 female. Sporadic. Hostplants: *Fraxinus* spp. and *Ligustrum* spp.

Pachypotasis rapae (Linné, 1767): Keszhely: Szendrey telep: forest belt, 1991. 05. 21. 1 female; Keszhely, 01. 05. 1992, 1 male. Regularly common, frequently dominant species however in 2019, I didn't collected it. Hostplants: *Solanum tuberosum*, *Pedicularis palustris*, *Angelica sylvestris*, *Veronica beccabunga*, *Betonica officinalis*, *Corylus avellana*, *Salix caprea*, *Fraxinus excelsior*, *Tussilago farfara*, *Symphoricarpos albus*, *Scrophularia*, *Solidago*, *Verbascum*, *Origanum*, *Atropa*, *Sarrothamnus*, *Senecio*, *Polygonum*, *Aspidium*, *Epilobium*, *Hypericum*, *Galeopsis*, *Mentha*, *Polystichum*, *Plantago*, *Quercus* and *Stachys* spp.

Rhogogaster (Rhogogaster) chlorosoma (Benson, 1943): Gyenesdiás: Kőbánya, 04. 07. 1994, 1 female. Frequent. Hostplants: *Pteridium aquilinum*, *Alnus glutinosa*, *Circaea*, *Prunus* spp., *Ranunculus* spp., *Rosa* spp., *Salix alba*, *S. purpurea*, *Stellaria* spp., *Filipendula ulmaria*, *Populus tremula*, *Padus* spp., *Betula* spp., *Corylus avellana* and *Sorbus* spp.

Rhogogaster (Cytisogaster) picta (Klug, 1817): Balatongyörök: Mogyorós út: Szőlőhegyek, 18. 04. 2019, 1 female. Sporadic. *Cytisus scoparius*, *C. nigricans*, *Genista germanica* and *G. tinctoria*.

Sciapteryx consobrina (Klug, 1816): Cserszegtomaj: Büdöskúti út, 07. 04. 2019, 1 female; Balatongyörök: Bélápol-völgy, 20. 04. 2019, 1 female. Frequent. Larval hosts: *Adoxa* spp., *Anemone* spp. and *Ranunculus ficaria*.

Sciapteryx costalis (Fabricius, 1775): Cserszegtomaj: Büdöskúti út, 07. 04. 2019, 1 male; Zalaszántó: Alsó-nyíres, 31. 03. 2019, 1 male; Keszhely, 17. 05. 1992, 1 male. Frequent. Hostplant: *Ranunculus acris*.

Tenthredo (Tenthredella) atra Linné, 1758: Zalaszántó: Kovácsi-hegy, 14. 08. 1966, 1 female. Frequent. Larval hosts: *Lamium*, *Mentha*, *Plantago*, *Vicia*, *Ranunculus*, *Scabiosa*, *Brassica* and *Solanum* spp.

Tenthredo (Cephaledo) bifasciata ssp. *violacea* (André, 1881): Keszhely, 24. 04. 2002, 1 female. Frequent. Hostplant unknown.

Tenthredo (Cephaledo) neobesa Zombori, 1980: Vállus: Láz-tető: 28. 05. 1964, 1 female. Rare. Hostplant unknown.

Tenthredo (Cephaledo) excellens (Konow, 1886): Balatongörök: Bélap-völgy, 23. 04. 2019, 1 female. Sporadic. Hostplant unknown.

Tenthredo (Elinora) slaveola Gmelin, 1790: Keszhely, 24. 04. 2002, 1 female. Sporadic. *Brassica oleracea*, *B. nigra*, *Sinapis arvensis*, *S. alba*, *Raphanus raphanistrum* and *Isatis tinctoria*.

Tenthredo (Endotethryx) campestris Linné, 1758: Keszhely: Szendrey telep: forest belt, 14. 05. 1991, 1 female; Keszhely, 25. 05. 2002, 1 female, 17. 05. 2009, 1 female, 05. 05. 2001, 1 male. Frequent. Hostplant: *Aegopodium podagraria*.

Tenthredo (Maculedo) maculata Geoffroy, 1785: Keszhely, 13. 05. 2002, 1 female, 15. 05. 2002, 1 female; Vállus: Láz-tető: 28. 05. 1964, 1 male. Sporadic. Host plants: *Brachypodium* spp. and *Dactylis* spp.

Tenthredo (Maculedo) vespiformis Schrank, 1781: Vállus: Láz-tető: 28. 05. 1964, 1 female. Rare in Hungary. Hostplant unknown.

Tenthredo (Tenthredella) livida Linné, 1758: Keszhely: Szendrey telep: forest belt on the flower of *Aegopodium podagraria* 30. 06. 1991, 1 female. Sporadic, locally frequent. Larva on *Salix* sp., *Corylus avellana*; *Epilobium* spp.; *Lonicerá* spp.; *Pteridium aquilinum*; *Rosa* spp., *Sorbus aucuparia*, *Symporicarpos albus*, *Viburnum opulus*, *Arctium lappa* and *Athyrium filix-femina*.

Tenthredo (Tenthredella) solitaria ssp. *solitaria* Scopoli, 1763: Vállus: Láz-tető: 28. 05. 1964, 1 female, 1 male. Sporadic in Hungary. Larva on *Euphorbia cyparissius*.

Tenthredo (Eurogaster) mesomela Linné, 1758: Keszhely: Szendrey telep: forest belt 1991. 05. 21. 1 female; Keszhely 29. 05., 1 female; Vállus, 28. 05. 1964, 1 female. Frequent. Larval hosts: *Polygonum persicaria*, *Arctium lappa*, *Heracleum* spp., *Ranunculus* spp., *Epilobium* spp., *Rumex* spp., *Salix* spp., *Veronica* sp., *Tussilago* spp., *Petasites* sp., *Senecio* sp., *Solidago* sp., and *Stachys* spp.

Tenthredo (Temuledo) temula Scopoli, 1763: Balatongörök: Bélap-völgy, 23. 04. 2019, 1 female, 27. 04. 2019, 1 female, 2 males, 11. 05. 2019, 1 female. Frequent, locally common. Larva on *Ligustrum* and *Origanum* spp.

Tenthredo (Tenthredo) brevicornis (Konow, 1886): Zalaszántó: Kovácsi-hegy, 14. 08. 1966, 1 male. Frequent. Hostplant: *Lotus corniculatus*.

Tenthredo (Tenthredo) marginella Fabricius, 1793: Zalaszántó: Tátika-erdő, 13. 08. 1966, 2 females, 2 males. Sporadic. Hostplants: *Mentha* and *Ocimum* spp.

Tenthredo (Tenthredo) notha Klug, 1817: Zalaszántó: Kovácsi-hegy, 14. 08. 1966, 10 females, 9 males; Zalaszántó: Tátika-erdő, 13. 08. 1966, 4 females, 1 male. Frequent. Hostplants: *Trifolium repens* and *Vicia cracca*.

Tenthredo (Tenthredo) vespa Retzius, 1783: Zalaszántó: Kovácsi-hegy, 14. 08. 1966, 1 male; Zalaszántó: Tátika-erdő, 13. 08. 1966, 7 females, 5 males. Frequent. Hostplants: *Lonicera caprifolium*, *Syringa vulgaris*, *Viburnum opulus*, *Fraxinus excelsior*, *Jasminum officinale*, *Rosa* spp., *Spiraea* spp., *Acer platanoides*, *Ligustrum vulgare*, *Symporicarpos albus*, *S. alba*.

Tenthredo (Tenthredo) zona Klug, 1817: Vállus: Láz-tető: 28. 05. 1964, 1 female. Sporadic. Hostplant: *Hypericum perforatum*.

Tenthredo (Zonuledo) amoena Gravenhorst, 1807: Cserszegtomaj: Csóka-kő, 01. 08. 1983, 1 female. Frequent. Larva on *Hypericum maculatum* and *H. perforatum*.

Tenthredo (Zonuledo) distinguenda (Stein, 1885): Balatongyörök: Bélap-völgy, 11. 05. 2019, 1 male, 18. 05. 2019, 1 male; Várvölgy: Bándi-mező, 11. 05. 2019, 1 male. Frequent. Hostplant unknown.

Tenthredo (Zonuledo) zonula Klug, 1817: Balatongyörök: Bélap-völgy, 11. 05. 2019, 1 female, 2 males, 18. 05. 2019, 1 female, 25. 05. 2019, 3 females, 01. 06. 2019, 1 female, 25. 05. 2019, 1 male; Cserszegtomaj: Dobogó, 18. 05. 2019, 2 females, 11. 05. 2019, 2 males, 25. 05. 2019, 1 male; Várvölgy: Bándi-mező, 01. 06. 2019, 1 male. Frequent. Hostplant: *Hypericum perforatum*.

Tenthredopsis friesei (Konow, 1884): Keszhely, 14. 05. 2002, 1 female. Frequent. Hostplants: *Holcus mollis* and other Poaceae.

Tenthredopsis lactiflua (Klug, 1817): Balatongyörök: Bélap-völgy, 27. 04. 2019, 1 female. Sporadic. Hostplant unknown.

Tenthredopsis litterata (Geoffroy, 1785): Cserszegtomaj: Dobogó, 11. 05. 2019, 1 male; Keszhely, 20. 05. 2002, 1 female, 11. 05. 2002, 1 male, 10. 05. 2002, 1 male. Frequent. Larva on *Agrostis*, *Dactylis* and *Calamagrostis* spp.

Tenthredopsis nassata (Linné, 1767): Keszhely, 25. 04. 2002, 1 female, 10. 05. 1992, 1 female. Frequent. Hostplants: *Dactylis glomerata*, *Deschampsia caespitosa*, *D. calamaragrostis*, *Flexuosa* spp., *Holcus* spp., *Lolium perenne*, *Agropyron* spp., *Carex* spp., *Anthriscus silvestris* and *Artemisia* spp.

Tenthredopsis ornata (Serville, 1823): Cserszegtomaj: Dobogó, 11. 05. 2019, 1 female, 18. 05. 2019, 1 female; Keszhely, 05. 04. 1993, 1 female. Frequent. Larva on *Brachypodium sylvaticum*.

Tenthredopsis sordida (Klug, 1817): Balatongyörök: Bélap-völgy, 27. 04. 2019, 2 males. Frequent. Larva on *Arrhenatherum elatius*, *Lolium perene*, *Carex* spp., *Calamagrostis* spp. and *Dactylis glomerata*.

Tenthredopsis stigma (Fabricius, 1798): Cserszegtomaj: Dobogó, 11. 05. 2019, 5 females, 1 male, 18. 05. 2019, 2 females, 1 male; Balatongyörök: Bélap-völgy, 18. 05. 2019, 1 female; Várvölgy: Bándi-mező, 01. 06. 2019, 1 female. Frequent. Hostplant: *Triticum intermedium*.

Tenthredopsis tarsata (Fabricius, 1804): Cserszegtomaj: Keszhely Hills. Side of forest road, 1992. 05. 16. 1 female; Keszhely, 13. 05. 1993, 1 female. Frequent. Hostplants: Poaceae, particularly *Brachypodium sylvaticum*.

Tenthredopsis tessellata (Klug, 1817): Cserszegtomaj: Dobogó, 23. 04. 2019, 1 female, 22. 04. 2019, 1 female, 11. 05. 2019, 1 female, 21. 04. 2019, 1 male; Cserszegtomaj: Várvölgyi út: Pörkölt-hegy, 25. 05. 2019, 1 female; Keszhely, 10. 05. 1993, 1 female. Sporadic. Larva on *Deschampsia*, *Dactylis*, *Aira* and *Lolium* spp.

Nematinae

Cladius (Priophorus) brullei (Dahlbom, 1835): Balatongyörök: Bélap-völgy, 19. 04. 2019, 1 female; Cserszeg 21-20. 06. 1992, 1 female. Frequent. Larva on *Rubus* spp.

Cladius (Cladius) pectinicornis (Geoffroy, 1785): Balatongyörök: Bélap-völgy, 06. 04. 2019, 1 female, 16. 04. 2019, 1 female, 3 males, 18. 04. 2019. 3 females, 19. 04. 2019, 1 female, 1 male, 20. 04. 2019, 2 females, 1 male, 23. 04. 2019, 1 female, 1 male, 22. 04. 2019, 1 male, 11. 05. 2019, 1 male; Zalaszántó: Alsó-nyíres, 20. 04. 2019, 1 female; Vállus: Kis-Láz-völgy, 17. 04. 2019, 1 male; Rezi: Gyöngyösi csárda, 17. 04. 2019, 1 male; Keszhely 14. 08. 1991, 1 female; Cserszeg 20-21. 07. 1992, 1 female; Cserszeg 04. 07. 1992, 1 female. Frequent. Hostplant: *Rubus* spp.

Euura fagi (Zaddach, 1876): Cserszegtomaj: Keszhelyi-hgys. Várvölgyi road, 22. 05. 1991, 1 female. Rare. Larva on *Fagus sylvatica*.

Euura bergmanni (Dahlbom, 1835): Keszhely, 23. 05. 2002, 1 female. Frequent. Hostplant: *Salix*.

Euura myosotidis (Fabricius, 1804): Balatongyörök: Bélap-völgy, 20. 04. 2019, 4 females, 19. 04. 2019, 2 females, 3 males, 18. 04. 2019, 1 female, 21. 04. 2019, 5 male, 23. 04. 2019, 1 male, 27. 04. 2019, 1 male, 18. 05. 2019, 1 male; Balatongyörök: Mogyorós út: Szőlőhegyek, 18. 04. 2019, 2 females, 1 male 16. 04. 2019, 1 female, 1 male; 19. 04. 2019, 3 males; Zalaszántó: Alsó-nyíres, 20. 04. 2019, 1 female, 16. 04. 2019, 1 female, 1 male; Cserszegtomaj: Dobogó, 22. 04. 2019, 1 male; Cserszegtomaj: Fagyos-kereszt, 17. 04. 2019, 1 male; 20. 04. 2019, 1 male, Keszhely 01. 10. 1991, 1 female; Keszhely 14. 09. 1991, 1 female; Keszhely 30. 09. 1991, 1 female. Common. Larval hosts: *Onobrychis* and *Trifolium* spp.

Euura tibialis (Newman, 1837): Keszhely, 19. 05. 1992, 1 female. Frequent. Larva on *Robinia pseudacacia*.

Euura clitellata (Serville, 1823): Cserszegtomaj: Dobogó, 23. 04. 2019, 1 female; Keszhely: Újmajor on *Agrostis* s. ssp. g. 25. 04. 1990, 1 female ex lárva; Keszhely: Újmajor, magfűves 26. 10. 1990, 1 female, ex lárva; Keszhely: Újmajor on *Agrostis* s. ssp. g. 02. 05. 1991, 1 female ex lárva; Keszhely: Újmajor on *Phleum pratense* 07. 05. 1991, 1 female; Keszhely: Újmajor on *Festuca rubra* 14. 05. 1991, 1 female; Keszhely: Újmajor on *Agrostis* s. ssp. g. 29. 05. 1991, 2 females; Keszhely: Újmajor, grass culture, 26. 10. 1990, 1 female ex lárva; Keszhely: Újmajor on *Agrostis* s. ssp. g. 28. 05. 1990, 1 female ex lárva; Keszhely: Újmajor on *Agrostis* s. ssp. g. 29. 04. 1991, 1 female. Frequent. Larval hosts: *Graminae*, *Carex* and *Juncus* spp.

Euura fallax (Serville, 1823) known as *Pachynematus xanthocarpus* (Hartig, 1840): Balatongyörök: Bélap-völgy, 23. 04. 2019, 2 males, 16. 04. 2019, 1 male; Keszhely: Újmajor 29. 03. 1989, 1 female; Keszhely: Újmajor, 01. 04. 1989, 1 female; Keszhely: Újmajor on *Agrostis* s. ssp. g. 09. 04. 1991, 1 female; Keszhely: Újmajor on *Tricum aestivum* 01. 04. 1988, 1 female. Frequent. Larva on *Graminae*.

Hoplocampa brevis (Klug, 1816): Keszhely, 08. 04. 1968, 10 females. Insect pest of *Pyrus* and *Malus* spp.

Hoplocampa flava (Linné, 1760): Keszhely, 08. 04. 1968, 6 females. Frequent. Larva on *Prunus domestica* and *Prunus spinosa*.

Hoplocampa minuta (Christ, 1791): Rezi on flowering *Prunus domestica* 23. 04. 1992, 1 female. Frequent. Larva on *Prunus domestica*, *P. armeniaca*, *P. instita*, *P. avium* and *P. spinosa*.

Hoplocampa testudinea (Klug, 1816): Keszhely, 21. 04. 1968, 2 females, 29. 04. 1968, 1 female. Sporadic. Larva on *Malus* and *Pyrus* spp.

Nematus (Nematus) lucidus (Panzer, 1801): Balatongyörök: Bélap-völgy, 18. 04. 2019, 1 female. Sporadic, locally frequent. Larva on *Crataegus* and *Prunus spinosa*.

Pontania (Eupontania) viminalis (Linné, 1758): Vonyarcvashegy: Láprét, 21. 04. 2019, 1 male. Sporadic. Larva on *Salix purpurea*.

Pristiphora (Micronematus) monogyniae (Hartig, 1840): Balatongyörök: Bélap-völgy, 22. 04. 2019, 1 female, 18. 04. 2019, 1 female. Frequent. Larva on *Prunus spinosa*, occasionally on *P. domestica*.

Pristiphora (Pristiphora) albitibia (A. Costa, 1859): Balatongyörök: Mogyorós út: Szőlőhegyek, 20. 04. 2019, 1 female; 16. 04. 2019, 1 male. Rare. Hostplant unknown.

Pristiphora (Pristiphora) armata (C.G. Thomson, 1862): Balatongyörök: Bélap-völgy, 27. 04. 2019, 1 male. Frequent. Larva on *Crataegus* spp.

Pristiphora (Oligonematus) laricis (Hartig, 1837): Vonyarcvashegy: Láprét, 21. 04. 2019, 1 female; Balatongyörök: Bélap-völgy, 27. 04. 2019, 1 female. Sporadic. Hostplants: *Larix* spp.

Pristiphora (Pristiphora) fausta (Hartig, 1837): Balatongyörök: Bélap-völgy, 19. 04. 2019, 1 female. Rare. Larva on *Quercus* spp.

Pristiphora (Pristiphora) subbifida (C. G. Thomson, 1871): Balatongyörök: Bélap-völgy, 18. 04. 2019, 1 female, 23. 04. 2019, 1 female, 21. 04. 2019, 1 female. Sporadic. Hostplants: *Acer campestre*, sometimes *A. pseudoplatanus* and *A. orientale*.

Discussion

The recorded 173 species is a respectable number, although the results from one year of intensive collection augmented with other material are not adequate to assess the real species richness. The most frequent species are *Aglaostigma (Astochus) aucupariae* (Klug, 1817), *Aglaostigma (Astochus) fulvipes* (Scopoli, 1763), *Athalia cordata* Serville, 1823, *Cladius pectinicornis* (Geoffroy, 1785), *Empria liturata* (Gmelin, 1790), *Euura myosotidis* (Fabricius, 1804), *Macrophya (Macrophya) albicincta* (Schrank, 1776) and *Macrophya (Macrophya) montana* (Scopoli, 1763). High number of some *Dolerus* and *Pachynematus* species is a result of collecting in agricultural fields (grass cultures).

From this region, the first recorded species is *Allantus viennensis* (Schrank, 1781), recorded by Mocsáry, 1900 from Keszthely. The specimen was not found, due to some lost codes of Mocsáry (Sándor Mocsáry labelled his specimen, similarly with other contemporary authors, with numeric code and the code interpretations were written in an inventory book). Probably with the code 199 (old label) in the collection of the Natural



Fig. 9. *Pristiphora fausta* (Hartig, 1837)

History Museum, Budapest is identical with this specimen.

Tenthredo schaefferi Klug, 1817 is deleted from the list. After the reidentification of exemplares published as *T. schaefferi* Kl. (Zombori, 1980), they proved to be identical with *T. notha* Klug. In interesting way, this common species was not recorded from the Keszthely Hills nor from Bakony Mts. either.

The 13 rarest species are discussed below:

Pamphilius jucundus (Eversmann, 1847): From the Carpathian Basin, this species is reported from Trenčén (Trenčín), Budapest, Nagykovácsi, Kecskemét, Lillafüred, Boksánbánya (Bocsa Montana) and the Retyezat Mountains. It is widely distributed in Europe.

Pamphilius histrio Latreille, 1812: Rare Palaearctic species with wide distribution area from Western Europe to Japan. From the Carpathian Basin, it is known from Temetvény (Považský Inovec: Hrádok), Kalocsa, Buda, Margineni, Zilah (Zalau), Drohobycz, Németbogsán (Bocsa Montana) and Mts. Cemernik: Okruglica.

Orussus unicolor Latreille, 1812: Known from Central and South Europe, and North Africa. From the Carpathian Basin, we have published records from Szádelő (Zádiel), Garamkövesd (Kamenica nad Hronom), Vállus, Budakeszi, Fényi erdő, Nagyzsuppány (Jupalnic), Budapest, Devescser: Széki, Valkó: Szent Pál-hegy, Herkulesfürdő (Baile Herculanea), Németbogsán (Bocsa Montana) and Oroszvár (Rusovce).

Tremex alchymista Mocsáry, 1886: This rare Central European species is known only from Hungary, Slovakia, Austria and Romania. It is collected in Budapest, Várpalota, Irsa, Törökkopány and Budakeszi.

Tremex magus (Fabricius, 1787): Central and Eastern European species known from Austria, Bulgaria, Czech Republic, Germany, Hungary, Poland, Romania, Russia, Slovakia and Ukraine. It occurs in the Carpathian Basin in Laxenburg, Jurský Šúr, Leányfalu, Szár, and Újhely (Slovenské Nové Mesto).

Dolerus (Poodolerus) vernalis Ermolenko, 1964: Known distribution in the Carpathian Basin: Budapest: Farkasvölgy, Nagykovácsi, Nagyszeben (Sibiu-dealul Gusteritei), Keszthely and Szilvásvárad. It is recorded only in Austria, Hungary, Italy, Romania and Ukraine.

Strongylogaster mixta (Klug, 1817): From Hungary, this species is known only from Miskolc and Szenta. Other places of capture from the Carpathian Basin: Balázsvágás (Javorina), Polánahegy (Pol'ana Mt.), Nagyszeben (Hermannstadt, Sibiu), Balánbányai hgs., Retyezát (Mt. Retezat), Tiszabogdány, Brebenyeszkul (Bogdan), Croatian Karst, Trzy Korony-Pieniny, Frenštát, Trojáčka, Tátralomnic (Tatranská Lomnica), Sekule (Székelyfalva), Magas Tátra: Hátsó Jávor völgy (Vysoké Tatry: Zadná Javorová dolina), Királymező (Ust-Tschorna). Palaearctic species distributed from Western Europe to Japan.

Fenella arenariae Zombori, 1978: This species known only from Hungary. Recorded occurrences: Fülöpháza, Bugac, Budaörs: Naphegy, Budapest: Sváb hegység and Keszthely.

Fenella nigrita Westwood, 1839: Holarctic species, rare in Hungary. In Hungary, it is reported from Fenyőfő, Menyeke, Németbánya, Csévháraszt, Márkó, Balatonszáplak, Keszthely and Bakony: Gemence patak.

Periclista (Periclista) albiventris (Klug, 1816): In the Carpathian Basin we have records from Budapest, Simontornya, Mogyoród, Sukoró, Síkfökút, Cserépfalu, Látrány, Mehádia, Krassó-Szörény (Caras-Severin), Mindszentkálla and Gyűrűfű. Known from Croatia, Germany, Greece, Hungary, Italy, Macedonia, the Netherlands, Romania and Switzerland.

Euura fagi (Zaddach, 1876): European species. From Hungary, it is reported from Ómassa, Börzsöny: Széna patak and Bükk: Nagyvisnyó.

Pristiphora (Pristiphora) albifibia (A. Costa, 1859): Rare species, from Hungary, it is recorded only from Budapest and Osli. European species.

Pristiphora (Pristiphora) fausta (Hartig, 1837): Only 5 specimens were collected from the Carpathian Basin: Nagyjakabfalva (Jakubov): 1 female, 15 May 1994, Malacka (Malacky): 1 female, 15 May 1993, Ihelník: 1 female, 25 Apr.-3 May 1999, Pécel: 1 female, 19th c. and Noszvaj: Sikfőkút: 1 female. 13 May 1980. Distribution: Central, West and South Europe.

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