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**An annotated checklist of the Aphids (Hemiptera: Aphidomorpha)  
of Poland**

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**ABSTRACT.** The paper presents a comprehensive compilation of 764 taxa (species and subspecies), distributed over 167 genera, belonging to 17 subfamilies, three families and three superfamilies of Aphidomorpha recorded to date from Poland. The systematic positions of 19 taxa have been revised in accordance with recent changes in nomenclature. The presence in the Polish aphidofauna of *Drepanosiphum oregonensis* and *Coloradoa huculaki*, previously included without any distribution data in checklists of Polish aphids, has been confirmed. One species *Sitobion* (*Sitobion*) *alopecuri* is recognized as being new to Poland. At least 44 species (6% of local fauna of Aphidomorpha) are alien to Poland; among them 11 species collected from plants imported or cultivated in indoor conditions are listed.

**KEY WORDS:** aphids, new species, systematic list, taxonomy.

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INTRODUCTION

Following the publication of the Catalogue of Polish Fauna – Aphidoidea by SZELEGIEWICZ (1968), three checklists of Polish species of aphids (Hemiptera: Aphidomorpha) by SZELEGIEWICZ (1978a), NAST et al. (1990) and WEGIEREK & WOJCIECHOWSKI (2004) were issued. Recently, a Distributional Checklist of the Aphids of Poland by OSIADACZ & HAŁAJ (2009) was published, supplemented by a Systematic Review of the Aphids of Poland with a Host Plant Index (OSIADACZ & HAŁAJ 2010) and an update of the latter work (OSIADACZ & HAŁAJ 2012).

As there were still errors and omissions in those earlier papers, a new and comprehensive compilation of the Polish Aphidomorpha in the form of checklist was deemed necessary in the light of recent systematic and nomenclatural revisions.

In the present paper, updated information is provided on the systematic positions and nomenclatural changes of 19 taxa. Based on available specimens and taxonomic analysis, one species (*Sitobion (Sitobion) alopecuri* (TAKAHASHI, 1921)) is accepted as being new to Poland. The presence in the Polish aphidofauna of two species *Drepanosiphum oregonensis* GRANOVSKY, 1939 and *Coloradoa huculaki* SZELEGIEWICZ, 1981, previously included without any distribution data in the systematic reviews of Polish aphids by SZELEGIEWICZ (1978a), NAST et al. (1990), WEGIEREK & WOJCIECHOWSKI (2004) and OSIADACZ & HALAJ (2009, 2010), has now been confirmed. However, nine taxa listed in the above-mentioned papers – *Eriosoma grossulariae* (SCHÜLE, 1887); *Anoecia (Anoecia) major* BÖRNER, 1950; *Aphis frangulae testacea* K.H. THOMAS, 1968; *Cryptomyzus galeopsidis dickeri* HILLE RIS LAMBERS, 1953; *C. galeopsidis galeopsidis* (KALTENBACH, 1843); *Macrosiphoniella (Asterobium) linariae* (KOCH, 1855); *M. (Macrosiphoniella) kaufmanni* BÖRNER, 1940; *Ovatomyzus boraginacearum* EASTOP, 1952; *Sitobion (Sitobion) paludum* MÜLLER, 1982 – still require such confirmation. These taxa are included in the present work but are not numbered.

As a consequence of the increasing globalisation of trade, there is a strong potential for the introduction of alien species into the native fauna. Therefore, Adelgidae (five species), Phylloxeridae (one species) and Aphididae (38 species) alien to Poland are indicated with an exclamation mark in the checklist. Polyphagous species of aphids, colonising plants cultivated in glasshouses, can occasionally infest plants in natural habitats. Therefore, species collected from plants imported or cultivated indoors have been added and indicated in the checklist (11 species).

Consequently, the list includes 764 taxa (species and subspecies) belonging to 167 genera representing 17 subfamilies, 3 families and 3 superfamilies of Aphidomorpha. Adelgidae is represented by 13 species, Phylloxeridae by 6 species and Aphididae by 745 taxa of specific or subspecific rank: Eriosomatinae 47, Hormaphidinae 3, Anoeciinae 6, Thelaxinae 5, Mindarinae 2, Drepanosiphinae 4, Phyllaphidinae 1, Calaphidinae 42, Saltusaphidinae 21, Chaitophorinae 38, Aphidinae 524 (Aphidini 166, Macrosiphini 358), Lachninae 51.

## MATERIAL AND METHODS

The names and classification follow NIETO NAFRÍA & FAVRET (2011), with the exception of the taxonomic position of all the former Pterocommatinae, which have been

placed in the tribe Macrosiphini. The positions of questionable taxa were verified according to GARCÍA PRIETO et al. (2004), NIETO NAFRÍA et al. (2009), BLACKMAN (2010), BLACKMAN & EASTOP (2011, 2015). To extend the register of alien species present in Poland (WIECZOREK 2011), we used the list of Alien European Aphididae compiled by COEUR D'ACIER et al. (2010). Adelgidae and Phylloxeridae alien to Poland have been listed according to OSIADACZ & HAŁAJ (2011) and SOIKA & ŁABANOWSKI (2014); they are indicated with an exclamation mark in the checklist.

Abbreviations: UŚ – Department of Zoology, University of Silesia, Katowice, Poland; the examined slides are deposited in this institution; 1–764 – the numbers in the list refer to taxa of specific and subspecific rank; ! – species alien to Poland; \* – species new to Poland; \*\* – species recorded from imported plants or cultivated in indoor conditions; <sup>1–21</sup> – the numbers in the list refer to taxonomic comments.

The names of particular subgenera and taxa of lower rank within genera have been arranged in alphabetical order.

#### THE APHIDS (HEMIPTERA: APHIDOMORPHA) OF POLAND: A CHECKLIST

Order: HEMIPTERA LINNAEUS, 1758

Suborder: STERNORRHYNCHA AMYOT & SERVILLE, 1843

Infraorder: APHIDOMORPHA BEKKER-MIGDISOVA & AIZENBERG, 1991

Superfamily: **ADELGOIDEA** ANNAND, 1928

Family: **ADELGIDAE** ANNAND, 1928

Subfamily: **ADELGINAE** ANNAND, 1928

Genus: *Adelges* VALLOT, 1836

Subgenus: *Adelges* VALLOT, 1836

1 Species: *laricis* VALLOT, 1836

2 *tardus* (DREYFUS, 1888)

Subgenus: *Aphrastasia* BÖRNER, 1909

3 Species: *pectinatae* (CHOLODKOVSKY, 1888) !

Subgenus: *Dreyfusia* BÖRNER, 1908

4 Species: *nordmannianae* (ECKSTEIN, 1890) !

5 *piceae* (RATZEBURG, 1844)

Subgenus: *Gilletteella* BÖRNER, 1930

6 Species: *cooleyi* (GILLETTE, 1907) !

Subgenus: *Sacchiphantes* CURTIS, 1844

7 Species: *abietis* (LINNAEUS, 1758)

8 *viridis* (RATZEBURG, 1843)

Subfamily: PINEINAE NÜSSLIN, 1909

Genus: *Pineus* SHIMER, 1869

- 9 Species: *cembrae* (CHOLODKOVSKY, 1888)  
 10 *orientalis* (DREYFUS, 1889) !  
 11 *pineoides* (CHOLODKOVSKY, 1903)  
 12 *pini* (RATZEBURG, 1844)  
 13 *strobi* (HARTIG, 1837) !

Superfamily: PHYLLOXEROIDEA HERRICH-SCHAEFFER, 1854

Family: PHYLLOXERIDAE HERRICH-SCHAEFFER, 1854

**Subfamily: PHYLLOXERINAE HERRICH-SCHAEFFER, 1854**

Tribe: Acanthohermesini BÖRNER, 1913

Genus: *Acanthohermes* KOLLAR, 1848

- 14 Species: *quercus* KOLLAR, 1848

Tribe: Phylloxerini HERRICH-SCHAEFFER, 1854

Genus: *Daktulosphaira* SHIMER, 1866 <sup>1</sup>

- 15 Species: *vitifoliae* (FITCH, 1851) !

Genus: *Phylloxera* BOYER DE FONSCOLOMBE, 1834

- 16 Species: *coccinea* (VON HEYDEN, 1837)

- 17 *glabra* (VON HEYDEN, 1837)

Subfamily: PHYLLOXERININAE BÖRNER, 1908

Genus: *Phylloxerina* BÖRNER, 1908

- 18 Species: *capreae* BÖRNER, 1942

- 19 *salicis* (LICHTENSTEIN, 1884)

Superfamily: APHIDOIDEA LATREILLE, 1802

Family: APHIDIDAE LATREILLE, 1802

Subfamily: ERIOSOMATINAE KIRKALDY, 1905

Tribe: Eriosomatini KIRKALDY, 1905

Genus: *Colopha* MONELL, 1877

- 20 Species: *compressa* (KOCH, 1856)

Genus: *Eriosoma* LEACH, 1818

- 21 Species: *anncharlotteae* DANIELSSON, 1979

*grossulariae* (SCHÜLE, 1887)

- 22 *lanigerum* (HAUSMANN, 1802) !

- 23 *lanuginosum* (HARTIG, 1839)

- 24 *patchiae* (BÖRNER & BLUNCK, 1916)

- 25 *ulmi ulmi* (LINNAEUS, 1758)

- 26 Genus: *Kaltenbachiella* SCHOUTEDEN, 1906  
Species: *pallida* (HALIDAY, 1838)
- 27 Genus: *Tetraneura* HARTIG, 1841  
Subgenus: *Tetraneura* HARTIG, 1841  
Species: *ulmi* (LINNAEUS, 1758)
- 28 *africana* VAN DER GOOT, 1912  
Subgenus: *Tetraneurella* HILLE RIS LAMBERS, 1970
- 29 Species: *nigriabdominalis* (SASAKI, 1899)\*\*
- Tribe: Fordini ACLOQUE, 1897
- 30 Genus: *Aploneura* PASSERINI, 1863  
Species: *lentisci* (PASSERINI, 1856)
- 31 Genus: *Baizongia* RONDANI, 1848  
Species: *pistaciae* (LINNAEUS, 1767)
- 32 Genus: *Forda* VON HEYDEN, 1837  
Species: *formicaria* VON HEYDEN, 1837
- 33 *marginata* KOCH, 1857
- 34 *pawlowae* MORDVILKO, 1901
- 35 Genus: *Geoica* HART, 1894  
Species: *setulosa* (PASSERINI, 1860)
- 36 *utricularia* (PASSERINI, 1856)
- 37 Genus: *Paracletus* VON HEYDEN, 1837  
Species: *bykovi bykovi* (MORDVILKO, 1921)
- 38 *cimiciformis cimiciformis* VON HEYDEN, 1837
- 39 Genus: *Smynthurodes* WESTWOOD, 1849  
Species: *betae* WESTWOOD, 1849
- Tribe: Pemphigini HERRICH-SCHAEFFER, 1854
- 40 Genus: *Gootiella* TULLGREN, 1925  
Species: *alba* SHAPOSHNIKOV, 1952
- 41 *tremulae* TULLGREN, 1925
- 42 Genus: *Mimeuria* BÖRNER, 1952  
Species: *ulmiphila* (DEL GUERCIO, 1917)
- 43 Genus: *Mordwilkoja* DEL GUERCIO, 1909  
Species: *vagabunda* (WALSH, 1863)
- 44 Genus: *Pachypappa* KOCH, 1856  
Species: *marsupialis marsupialis* KOCH, 1856
- 45 *populi* (LINNAEUS, 1758)
- 46 *tremulae* (LINNAEUS, 1761)
- 47 *vesicalis* KOCH, 1856

- 48 *warshavensis* (NASONOV, 1894)  
Genus: ***Pachypappella*** BAKER (A.C.), 1920
- 49 Species: *lactea* (TULLGREN, 1909)  
Genus: ***Patchiella*** TULLGREN, 1925
- 50 Species: *reaumuri reaumuri* (KALTENBACH, 1843)  
Genus: ***Pemphigus*** HARTIG, 1839  
Subgenus: *Pemphigus* HARTIG, 1839
- 51 Species: *betae* DOANE, 1900  
52 *borealis* TULLGREN, 1909  
53 *bursarius* (LINNAEUS, 1758)  
54 *fusicornis* (KOCH, 1857)  
55 *immunis* BUCKTON, 1896  
56 *phenax* BÖRNER & BLUNCK, 1916  
57 *populi* COURCHET, 1879  
58 *populinigrae* (SCHRANK, 1801)  
59 *protospirae* LICHTENSTEIN, 1885  
60 *spyrothecae* PASSERINI, 1856  
Genus: ***Prociphilus*** KOCH, 1857  
Subgenus: *Prociphilus* KOCH, 1857
- 61 Species: *bumeliae* (SCHRANK, 1801)  
62 *fraxini* (FABRICIUS, 1777)  
Subgenus: *Stagona* KOCH, 1857
- 63 Species: *pini* (BURMEISTER, 1835)  
64 *xylostei xylostei* (DE GEER, 1773)  
Genus: ***Thecabius*** KOCH, 1857  
Subgenus: *Parathecabius* BÖRNER, 1950
- 65 Species: *lysimachiae* BÖRNER, 1916  
Subgenus: *Thecabius* KOCH, 1857
- 66 Species: *affinis* (KALTENBACH, 1843)
- Subfamily: HORMAPHIDINAE MORDVILKO, 1908  
Tribe: Cerataphidini BAKER, 1920  
Genus: ***Cerataphis*** LICHTENSTEIN, 1882
- 67 Species: *lataniae* (BOISDUVAL, 1867)\*\*!  
Tribe: Hormaphidini MORDVILKO, 1908  
Genus: ***Hamamelistes*** SHIMER, 1867
- 68 Species: *betulinus* (HORVÁTH, 1896)

- 69 Genus: *Hormaphis* OSTEN-SACKEN, 1861  
Species: *betulae* (MORDVILKO, 1901)
- Subfamily: PHLOEOMYZINAE MORDVILKO, 1934  
70 Genus: *Phloeomyzus* HORVÁTH, 1896  
Species: *passerinii* (SIGNORET, 1875)
- Subfamily: ANOECIINAE TULLGREN, 1909  
Genus: *Anoecia* KOCH, 1857  
Subgenus: *Anoecia* KOCH, 1857  
71 Species: *corni* (FABRICIUS, 1775)  
72 *furcata* (THEOBALD, 1915)  
*major* BÖRNER, 1950  
73 *stipae* MAMONTOVA, 1968  
74 *vagans* (KOCH, 1856)  
75 *zirnitsi* MORDVILKO, 1931  
Subgenus: *Paranoecia* ZWÖLFER, 1957  
76 Species: *pskovica* MORDVILKO, 1921
- Subfamily: THELAXINAE BAKER, 1920  
Genus: *Glyphina* KOCH, 1856  
77 Species: *betulae* (LINNAEUS, 1758)  
78 *jacutensis* MORDVILKO, 1931  
79 *pseudoschrankiana* BLACKMAN, 1989  
Genus: *Thelaxes* WESTWOOD, 1840  
80 Species: *dryophila* (SCHRANK, 1801)  
81 *suberi* (DEL GUERCIO, 1911)
- Subfamily: MINDARINAE TULLGREN, 1909  
Genus: *Mindarus* KOCH, 1857  
82 Species: *abietinus* KOCH, 1857  
83 *obliquus* (CHOLODKOVSKY, 1896)
- Subfamily: DREPANOSIPHINAE HERRICH-SCHAEFFER, 1857  
Genus: *Drepanosiphum* KOCH, 1855  
84 Species: *acerinum* (WALKER, 1848)  
85 *aceris* KOCH, 1855  
86 *oregonensis* GRANOVSKY, 1939<sup>2</sup>



- 87 *platanoidis* (SCHRANK, 1801)
- Subfamily: PHYLLAPHIDINAE HERRICH-SCHAEFFER, 1857  
 Genus: *Phyllaphis* KOCH, 1856
- 88 Species: *fagi* LINNAEUS, 1767
- Subfamily: CALAPHIDINAE OESTLUND, 1919  
 Tribe: Calaphidini OESTLUND, 1919  
 Genus: *Betulaphis* GLENDENNING, 1926
- 89 Species: *brevipilosa* BÖRNER, 1940  
 90 *quadrituberculata* (KALTENBACH, 1843)  
 Genus: *Boernerina* BRAMSTEDT, 1940
- 91 Species: *depressa* BRAMSTEDT, 1940  
 Genus: *Calaphis* WALSH, (1862) 1863
- 92 Species: *betulicola* (KALTENBACH, 1843)  
 93 *flava* MORDVILKO, 1928  
 Genus: *Callipterinella* VAN DER GOOT, 1913
- 94 Species: *calliptera* (HARTIG, 1841)  
 95 *tuberculata* (VON HEYDEN, 1837)  
 Genus: *Clethrobius* MORDVILKO, 1928
- 96 Species: *comes* (WALKER, 1848)  
 Genus: *Euceraphis* WALKER, 1870
- 97 Species: *betulae* (KOCH, 1855)  
 98 *punctipennis* (ZETTERSTEDT, 1828)  
 Genus: *Monaphis* WALKER, 1870
- 99 Species: *antennata* (KALTENBACH, 1843)  
 Genus: *Symyobius* MORDVILKO, 1894  
 Subgenus: *Symyobius* MORDVILKO, 1894
- 100 Species: *oblongus* (VON HEYDEN, 1837)  
 Tribe: Panaphidini OESTLUND, 1923  
 Genus: *Appendiseta* RICHARDS, 1965
- 101 Species: *robiniae* (GILLETTE, 1907) !  
 Genus: *Chromaphis* WALKER, 1870
- 102 Species: *juglandicola* (KALTENBACH, 1843) !  
 Genus: *Ctenocallis* KLODNITSKY, 1924
- 103 Species: *setosus* (KALTENBACH, 1846)  
 Genus: *Eucallipterus* SCHOUTEDEN, 1906
- 104 Species: *tiliae* (LINNAEUS, 1758)

- Genus: *Myzocallis* PASSERINI, 1860  
Subgenus: *Agrioaphis* WALKER, 1870  
105 Species: *castanicola* BAKER, 1917  
106 *myricae* (KALTENBACH, 1843)  
Subgenus: *Lineomyzocallis* RICHARDS, 1965  
107 Species: *walshii* (MONELL in RILEY & MONELL, 1879) !  
Subgenus: *Myzocallis* PASSERINI, 1860  
108 Species: *boernerii* STROYAN, 1957  
109 *carpini* (KOCH, 1855)  
110 *coryli* (GOEZE, 1778)  
Genus: *Panaphis* KIRKALDY, 1904  
111 Species: *juglandis* (GOEZE, 1778) !  
Genus: *Pterocallis* PASSERINI, 1860  
Subgenus: *Pterocallis* PASSERINI, 1860  
112 Species: *albidus* BÖRNER, 1940  
113 *alni* (DE GEER, 1773)  
114 *maculata* (VON HEYDEN, 1837)  
Genus: *Therioaphis* WALKER, 1870  
Subgenus: *Pterocallidium* BÖRNER, 1949  
115 Species: *luteola* (BÖRNER, 1949)  
116 *subalba* BÖRNER, 1949  
*trifolii* (MONELL, 1882)  
117 Subspecies: *trifolii* (MONELL, 1882)  
118 *ventromaculata* F. P. MÜLLER, 1968  
Subgenus: *Rhizoberlesia* DEL GUERCIO, 1919  
119 Species: *brachytricha* HILLE RIS LAMBERS & VAN DEN  
BOSCH, 1964  
120 *riehmi* (BÖRNER, 1949)  
Subgenus: *Therioaphis* WALKER, 1870  
121 Species: *ononidis ononidis* (KALTENBACH, 1846)  
122 *tenera tenera* (AIZENBERG, 1956)  
Genus: *Tinocallis* MATSUMURA, 1919  
Subgenus: *Eotinocallis* QUEDNAU, 2003  
123 Species: *platani* (KALTENBACH, 1843)  
Subgenus: *Sappocallis* MATSUMURA, 1919  
124 Species: *nevskyi* REMAUDIÉRE, QUEDNAU & HEIE, 1988 !  
125 *saltans* (NEVSKY, 1929) !

- Genus: *Tuberculatus* MORDVILKO, 1894  
 Subgenus: *Tuberculatus* MORDVILKO, 1894  
 126 Species: *quercus* (KALTENBACH, 1843)  
 Subgenus: *Tuberculoides* VAN DER GOOT, 1915  
 127 Species: *annulatus* (HARTIG, 1841)  
 128 *borealis* (KRZYWIEC, 1971)  
 129 *eggleri* BÖRNER, 1950  
 130 *neglectus* (KRZYWIEC, 1966)
- Subfamily: SALTUSAPHIDINAE BAKER, 1920  
 Tribe: Saltusaphidini BAKER, 1920  
 Genus: *Iziphya* NEVSKY, 1929  
 131 Species: *bufo* (WALKER, 1848)  
 132 *ingegardae* HILLE RIS LAMBERS, 1952  
 133 *memorialis* BÖRNER, 1950  
 Genus: *Juncobia* QUEDNAU, 1954  
 134 Species: *leegei* (BÖRNER, 1940)  
 Genus: *Nevskya* OSSIANNILSSON, 1953  
 135 Species: *fungifera* OSSIANNILSSON, 1953  
 Genus: *Saltusaphis* THEOBALD, 1915  
 136 Species: *scirpus* THEOBALD, 1915  
 Genus: *Sminthuraphis* QUEDNAU, 1953  
 137 Species: *ulrichi* QUEDNAU, 1953  
 Tribe: Thripsaphidini BÖRNER, 1949  
 Genus: *Allaphis* MORDVILKO, 1921  
 138 Species: *cyperii* (WALKER, 1848)  
 139 *ossiannilssoni* (HILLE RIS LAMBERS, 1952)  
 140 *producta* (GILLETTE, 1917)  
 141 *verrucosa verrucosa* (GILLETTE, 1917)  
 Genus: *Subsaltusaphis* QUEDNAU, 1953  
 Subgenus: *Subsaltusaphis* QUEDNAU, 1953  
 142 Species: *flava* (HILLE RIS LAMBERS, 1939)  
 143 *intermedia* (HILLE RIS LAMBERS, 1939)  
 144 *lammersi lammersi* (QUEDNAU, 1954)  
 145 *ornata* (THEOBALD, 1927)  
 146 *pallida* (HILLE RIS LAMBERS, 1939)  
 147 *paniceae* (QUEDNAU, 1954)  
 148 *picta* (HILLE RIS LAMBERS, 1939)

- 149 *rossneri* (BÖRNER, 1940)  
 Genus: *Thripsaphis* GILLETTE, 1917  
 Subgenus: *Neobacillaphis* HUCULAK, 1968
- 150 Species: *szelegiewiczi szelegiewiczi* (HUCULAK, 1968)  
 Subgenus: *Thripsaphis* GILLETTE, 1917
- 151 Species: *caricis* (MORDVILKO, 1921)
- Subfamily: CHAITOPHORINAE MORDVILKO, 1908  
 Tribe: Chaitophorini MORDVILKO, 1908  
 Genus: *Chaitophorus* KOCH, 1854
- 152 Species: *caprae* (MOSLEY, 1841)
- 153 *diversisetosus diversisetosus* SZELEGIEWICZ  
 & CZYLOK, 1981  
*horii* (TAKAHASHI, 1939)
- 154 Subspecies: *horii beuthani* (BÖRNER, 1950)
- 155 *hypogaeus* HILLE RIS LAMBERS, 1947
- 156 *leucomelas* KOCH, 1854
- 157 *longisetosus* SZELEGIEWICZ, 1959
- 158 *mordvilkoii* MAMONTOVA, 1961
- 159 *nassonowi* MORDVILKO, 1894
- 160 *parvus* HILLE RIS LAMBERS, 1935
- 161 *pentandrinus* OSSIANNILSSON, 1959
- 162 *populeti populeti* (PANZER, 1804)
- 163 *populialbae populialbae* (BOYER  
 DE FONSCOLOMBE, 1841)
- 164 *ramicola* (BÖRNER, 1949)
- 165 *salicti* (SCHRANK, 1801)  
*salijaponicus* ESSING & KUWANA, 1918
- 166 Subspecies: *salijaponicus niger* MORDVILKO, 1929
- 167 *tremulae tremulae* KOCH, 1854
- 168 *truncatus* (HAUSMANN, 1802)
- 169 *vitellinae vitellinae* (SCHRANK, 1801)
- Genus: *Periphyllus* VAN DER HOEVEN, 1863
- 170 Species: *acericola* (WALKER, 1848)
- 171 *aceris* (LINNAEUS, 1761)
- 172 *californiensis californiensis* (SHINJI, 1917) !
- 173 *coracinus* (KOCH, 1854)
- 174 *hirticornis* (WALKER, 1848)

- 175 *lyropictus* (KESSLER, 1886)  
 176 *obscurus* MAMONTOVA, 1955  
 177 *testudinaceus* (FERNIE, 1852)
- Tribe: Siphini MORDVILKO, 1928  
 Genus: *Atheroides* HALIDAY, 1839  
 178 Species: *doncasteri* OSSIANNILSSON, 1955  
 179 *hirtellus* HALIDAY, 1839  
 180 *serrulatus* HALIDAY, 1839  
 Genus: *Caricosipha* BÖRNER, 1939  
 181 Species: *paniculatae* BÖRNER, 1939  
 Genus: *Chaetosiphella* HILLE RIS LAMBERS, 1939  
 182 Species: *berlesei* (DEL GUERCIO, 1905)  
 183 *stipae stipae* HILLE RIS LAMBERS, 1947  
 184 *tshernavini* (MORDVILKO, 1921)  
 Genus: *Laingia* THEOBALD, 1922  
 185 Species: *psammae* THEOBALD, 1922  
 Genus: *Sipha* PASSERINI, 1860  
 Subgenus: *Sipha* PASSERINI, 1860  
 186 Species: *glyceriae* (KALTENBACH, 1843)  
 Subgenus: *Rungisia* MIMEUR, 1933  
 187 Species: *arenarii* MORDVILKO, 1921  
 188 *elegans* DEL GUERCIO, 1905  
 189 *maydis* PASSERINI, 1860
- Subfamily: APHIDINAE LATREILLE, 1802  
 Tribe: Aphidini LATREILLE, 1802  
 Genus: *Anthemidaphis* TASHEV, 1967  
 190 Species: *oligommata* (TASHEV, 1967)  
 Genus: *Aphis* LINNAEUS, 1758  
 Subgenus: *Aphis* LINNAEUS, 1758  
 191 Species: *acanthoidis* (BÖRNER, 1940)  
 192 *acetosae* LINNAEUS, 1761  
 193 *affinis* DEL GUERCIO, 1911  
 194 *althaeae althaeae* (NEVSKY, 1929)<sup>3</sup>  
 195 *antherici* HOLMAN, 1966  
 196 *austriaca* HILLE RIS LAMBERS, 1950  
 197 *ballotae* (PASSERINI, 1860)<sup>4</sup>  
 198 *berlinskii* HUCULAK, 1968

- 199 *berteroae* SZELEGIEWICZ, 1966  
200 *breviseta* HOLMAN, 1966  
201 *brohmeri* BÖRNER, 1952  
202 *brunellae* SCHOUTEDEN, 1903  
203 *bupleuri* (BÖRNER, 1932)  
204 *cacaliasteris* HILLE RIS LAMBERS, 1947  
205 *calaminthae* (BÖRNER, 1952)  
206 *callunae* THEOBALD, 1915  
207 *cerastii* (BÖRNER, 1950)  
208 *chloris* KOCH, 1854  
209 *cirsioleracei* (BÖRNER, 1932)  
210 *clematidis clematidis* KOCH, 1854  
211 *clinopodii* PASSERINI, 1861  
212 *comari* PRIOR & STROYAN, 1977  
213 *commensalis* STROYAN, 1952  
214 *comosa* (BÖRNER, 1950)  
215 *confusa* WALKER, 1849  
*coronillae* FERRARI, 1872  
216 Subspecies: *arenaria* HOFFMANN, 1968  
217 *coronillae* FERRARI, 1872  
218 *craccae* LINNAEUS, 1758  
219 *craccivora craccivora* KOCH, 1854  
220 *crepidis* (BÖRNER, 1940)  
*cytisorum* HARTIG, 1841  
221 Subspecies: *cytisorum* HARTIG, 1841  
222 *sarothamni* FRANSSEN, 1928  
223 *eryngiglomerata* BOZHKO, 1963  
224 *etiolata* STROYAN, 1952  
225 *euphorbiae* KALTENBACH, 1843  
*fabae* SCOPOLI, 1763  
226 Subspecies: *cirsiacanthoidis* SCOPOLI, 1763  
227 *evonymi* FABRICIUS, 1775  
228 *fabae* SCOPOLI, 1763  
229 *solanella* THEOBALD, 1914  
230 *farinosa farinosa* GMELIN, 1790  
231 *forbesi* WEED, 1889 !  
*frangulae* KALTENBACH, 1845  
232 Subspecies: *frangulae* KALTENBACH, 1845

- 233 *beccabungae* KOCH, 1855  
*testacea* K. H. THOMAS, 1968
- 234 *funitecta* (BÖRNER, 1950)
- 235 *galiiscabri* SCHRANK, 1801
- 236 *genistae* SCOPOLI, 1763
- 237 *gentianae* (BÖRNER, 1940)  
*gossypii* GLOVER, 1877
- 238 Subspecies: *capsellae* KALTENBACH, 1843
- 239 *gossypii* GLOVER, 1877\*\* !
- 240 *hederae* KALTENBACH, 1843
- 241 *helianthemi helianthemi* FERRARI, 1872
- 242 *hieracii* SCHRANK, 1801
- 243 *hypochoeridis* (BÖRNER, 1940)
- 244 *idaei* VAN DER GOOT, 1912
- 245 *ilicis* KALTENBACH, 1843
- 246 *intybi* KOCH, 1855
- 247 *jacobaeae* SCHRANK, 1801
- 248 *janischi* (BÖRNER, 1940)
- 249 *klimeschi* (BÖRNER, 1950)
- 250 *korshunovi* IVANOVSKAJA, 1971
- 251 *lambersi* (BÖRNER, 1940)
- 252 *lamiorum* (BÖRNER, 1950)
- 253 *leontodontis* (BÖRNER, 1950)
- 254 *longini* HUCULAK, 1968
- 255 *loti* KALTENBACH, 1862
- 256 *lotiradicis* STROYAN, 1972
- 257 *mammulata* GHIMINGHAM & HILLE RIS LAMBERS,  
1949
- 258 *mamonthovae* DAVLETSINA, 1964
- 259 *medicaginis* KOCH, 1854
- 260 *mirifica* (BÖRNER, 1950)
- 261 *molluginis* (BÖRNER, 1950)
- 262 *montanicola* HILLE RIS LAMBERS, 1950
- 263 *nasturtii* KALTENBACH, 1843
- 264 *nerii* BOYER DE FONSCOLOMBE, 1841\*\*
- 265 *newtoni* THEOBALD, 1927
- 266 *origani* PASSERINI, 1860
- 267 *pilosellae* (BÖRNER, 1952)

- 268 *picridis* (BÖRNER, 1950) <sup>5</sup>  
269 *plantaginis* GOEZE, 1778  
270 *podagrariae* SCHRANK, 1801  
271 *pollinaria* (BÖRNER, 1952)  
272 *polygonata* (NEVSKY, 1929)  
273 *pomi* DE GEER, 1773  
274 *praeterita* WALKER, 1849  
275 *proffii* (BÖRNER, 1942)  
276 *psammophila* SZELEGIEWICZ, 1967  
277 *pseudocomosa* STROYAN, 1972  
278 *pulsatillicola* HOLMAN, 1966  
279 *roepkei* (HILLE RIS LAMBERS, 1931)  
280 *ruborum* (BÖRNER & SCHILDER, 1931)  
281 *rumicis* LINNAEUS, 1758  
282 *salicariae* KOCH, 1855  
283 *salviae* WALKER, 1852  
284 *sambuci* LINNAEUS, 1758  
*sanguisorbae* SCHRANK, 1801  
285 Subspecies: *poterii* (BÖRNER, 1940)  
286 *sanguisorbae* SCHRANK, 1801  
287 *schilderi* (BÖRNER, 1940)  
288 *sedii* KALTENBACH, 1843  
289 *selini* (BÖRNER, 1940)  
290 *serpylli* KOCH, 1854  
291 *seselii* (BOZHKO, 1959)  
292 *spiraecola* PATCH, 1914\*\* !  
293 *spiraephaga* MÜLLER (F.P.), 1961 !  
294 *stachydis* MORDVILKO, 1929  
295 *subnitida* (BÖRNER, 1940)  
296 *subviridis* (BÖRNER, 1940)  
297 *symphyti* SCHRANK, 1801  
298 *tacita* HUCULAK, 1968  
299 *taraxacicola* (BÖRNER, 1940)  
300 *teucris* (BÖRNER, 1942)  
301 *thalictri thalictri* KOCH, 1854  
302 *thesii* HOLMAN, 1966  
303 *thomasi* (BÖRNER, 1950)  
304 *tormentillae* PASSERINI, 1879



- 305 *triglochinis* THEOBALD, 1926  
306 *ulmariae* SCHRANK, 1801  
307 *umbrella* (BÖRNER, 1950)  
308 *urticata* GMELIN, 1790  
309 *uvaeursi* OSSIANNILSSON, 1959  
310 *vaccinii* (BÖRNER, 1940)  
311 *veratri* WALKER, 1852  
312 *verbasci* SCHRANK, 1801  
313 *verticillatae* (BÖRNER, 1940)  
314 *viburni* SCOPOLI, 1763  
315 *vineti* HOFFMANN, 1972  
316 *violae* SCHOUTEDEN, 1900  
317 *vitalbae* FERRARI, 1872  
Subgenus: *Bursaphis* MAC VICAR BAKER, 1934  
318 Species: *epilobii* KALTENBACH, 1843  
319 *grossulariae* KALTENBACH, 1843  
320 *holenotherae* RAKAUSKAS, 2007  
321 *oenotherae oenotherae* OESTLUND, 1887 !  
322 *schneideri* (BÖRNER, 1940)  
Subgenus: *Toxoptera* KOCH, 1856  
323 Species: *aurantii aurantii* BOYER DE FONSCOLOMBE,  
1841\*\* !  
Genus: *Hyalopterus* KOCH, 1854  
324 Species: *amygdali* (E. BLANCHARD, 1840)  
325 *pruni* (GEOFFROY, 1762)  
Genus: *Melanaphis* VAN DER GOOT, 1917  
326 Species: *luzulella* (HILLE RIS LAMBERS, 1947)  
327 *pyraria* (PASSERINI, 1861)  
Genus: *Protaphis* BÖRNER, 1952  
328 Species: *anthemidis* (BÖRNER, 1940)  
329 *carlinae* (BÖRNER, 1940)  
330 *elongata* (NEVSKY, 1928)  
331 *erigerontis* HOLMAN, 1966  
332 *hartigi* (HILLE RIS LAMBERS, 1931)  
333 *picridicola* HOLMAN, 1966  
Genus: *Rhopalosiphum* KOCH, 1854  
334 Species: *maidis* (FITCH, 1856) !  
335 *nymphaeae* (LINNAEUS, 1761)

- 336 *oxyacanthae* (SCHRANK, 1801) !  
 337 *padi* (LINNAEUS, 1758)  
 338 *rufiabdominale* (SASAKI, 1899)<sup>6\*\*</sup> !  
 339 *rufulum* RICHARDS, 1960  
 Genus: *Schizaphis* BÖRNER, 1931  
 Subgenus: *Euschizaphis* HILLE RIS LAMBERS, 1947  
 340 Species: *palustris* (THEOBALD, 1929)  
 Subgenus: *Paraschizaphis* HILLE RIS LAMBERS, 1947  
 341 Species: *caricis* (SCHOUTEDEN, 1906)  
 342 *scirpi scirpi* (PASSERINI, 1874)  
 Subgenus: *Schizaphis* BÖRNER, 1931  
 343 Species: *agrostis* HILLE RIS LAMBERS, 1947  
 344 *dubia* HUCULAK, 1968  
 345 *graminum* (RONDANI, 1852)  
 346 *holci* HILLE RIS LAMBERS, 1947  
 347 *jaroslavi* (MORDVILKO, 1921)  
 348 *longicaudata* HILLE RIS LAMBERS, 1939  
 349 *nigerrima* (HILLE RIS LAMBERS, 1931)  
 350 *rotundriventris* (SIGNORET, 1860) \*\*  
 351 *rufula* (WALKER, 1849)  
 352 *wahlgreni* (OSSINILSSON, 1959)  
 353 *weingaertneriae* HILLE RIS LAMBERS, 1947  
 Genus: *Toxopteryna* BÖRNER, 1940  
 354 Species: *vandergooti* (BÖRNER, 1939)  
 Genus: *Xerobion* NEVSKY, 1928  
 355 Species: *judenkoi* (SZELEGIEWICZ, 1959)  
 Tribe: Macrosiphini WILSON, 1910<sup>7</sup>  
 Genus: *Acaudinum* BÖRNER, 1930  
 Subgenus: *Acaudinum* BÖRNER, 1930  
 356 Species: *centaureae* (KOCH, 1854)  
 Genus: *Acyrtosiphon* MORDVILKO, 1914  
 Subgenus: *Acyrtosiphon* MORDVILKO, 1914  
 357 Species: *auctum* (WALKER, 1849)  
 358 *boreale* HILLE RIS LAMBERS, 1952  
 359 *caraganae caraganae* (CHOLODKOVSKY, 1907) !  
*cyparissiae* (KOCH, 1855)  
 360 Subspecies: *cyparissiae* (KOCH, 1855)

- 361 *propinquum* MORDVILKO, 1914
- 362 *ignotum* MORDVILKO, 1914
- 363 *knechteli* (BÖRNER, 1950)
- 364 *lactucae* (PASSERINI, 1860)
- 365 *loti* (THEOBALD, 1913)
- malvae* (MOSLEY, 1841)
- 366 Subspecies: *agrioniae* (BÖRNER, 1940)
- 367 *malvae* (MOSLEY, 1841)
- 368 *oterii* PRIOR & STROYAN, 1964
- 369 *potha* BÖRNER, 1950
- 370 *rogersii* (THEOBALD, 1913)
- 371 *parvum* BÖRNER, 1950
- pisum* HARRIS, 1776
- 372 Subspecies: *ononis* (KOCH, 1855)
- 373 *pisum* HARRIS, 1776
- Subgenus: *Liporrhinus* BÖRNER, 1939
- 374 Species: *chelidonii* (KALTENBACH, 1843)
- Genus: *Allocotaphis* BÖRNER, 1950
- 375 Species: *quaestionis* (BÖRNER, 1942)
- Genus: *Ammiaphis* BÖRNER, 1952
- 376 Species: *sii* (KOCH, 1855)
- Genus: *Amphorophora* BUCKTON, 1876
- Subgenus: *Amphorophora* BUCKTON, 1876
- 377 Species: *ampullata ampullata* BUCKTON, 1876
- 378 *gei* (BÖRNER, 1939)
- 379 *idaei* (BÖRNER, 1939)
- 380 *rubi* (KALTENBACH, 1843)
- Genus: *Amphorosiphon* HILLE RIS LAMBERS, 1949
- 381 Species: *pulmonariae* (BÖRNER, 1942)
- Genus: *Anuraphis* DEL GUERCIO, 1907
- 382 Species: *catonii* HILLE RIS LAMBERS, 1935
- 383 *farfae* (KOCH, 1854)
- 384 *subterranea* (WALKER, 1852)
- Genus: *Aspidaphis* GILLETTE, 1917
- 385 Species: *adjuvans* (WALKER, 1848)
- Genus: *Aulacorthum* MORDVILKO, 1914
- Subgenus: *Aulacorthum* MORDVILKO, 1914
- 386 Species: *aegopodii* BÖRNER, 1939

- 387 *cylactis* BÖRNER, 1942 <sup>8</sup>  
 388 *flavum* MÜLLER, 1958  
 389 *knautiae* HEIE, 1960  
 390 *langei* BÖRNER, 1939  
 391 *majanthemi* MÜLLER, 1956  
 392 *palustre* HILLE RIS LAMBERS, 1947  
 393 *rufum* HILLE RIS LAMBERS, 1947  
 394 *sedens* MÜLLER, 1966  
 395 *solani solani* (KALTENBACH, 1843)  
 396 *speyeri* BÖRNER, 1939
- Genus: *Brachycaudus* VAN DER GOOT, 1913  
 Subgenus: *Acaudus* VAN DER GOOT, 1913
- 397 Species: *divaricatae* SHAPOSHNIKOV, 1956  
 398 *klugkisti* (BÖRNER, 1942)  
 399 *lamii* (KOCH, 1854)  
 400 *lateralis* WALKER, 1848  
 401 *lucifugus* MÜLLER, 1952  
 402 *lychnidis* (LINNAEUS, 1758)  
 403 *mordvilkoii* HILLE RIS LAMBERS, 1931  
 404 *populi* (DEL GUERCIO, 1911)
- Subgenus: *Appelia* BÖRNER, 1930
- 405 Species: *cerinthis* BOZHKO, 1961  
*prunicola* (KALTENBACH, 1943)
- 406 Subspecies: *prunicola* (KALTENBACH, 1943)  
 407 *schwartzii* (BÖRNER, 1931) <sup>9</sup>  
 408 Species: *tragopogonis* (KALTENBACH, 1843)
- Subgenus *Brachycaudina* BÖRNER, 1930
- 409 Species: *napelli* (SCHRANK, 1801)
- Subgenus: *Brachycaudus* VAN DER GOOT, 1913
- 410 Species: *helichrysi* (KALTENBACH, 1843)  
 411 *salicinae* BÖRNER, 1939  
 412 *spiraeae* BÖRNER, 1932
- Subgenus: *Prunaphis* SHAPOSHNIKOV, 1964
- 413 Species: *cardui* (LINNAEUS, 1758) <sup>10</sup>
- Subgenus: *Scrophulaphis* ANDREEV, 1982
- 414 Species: *linariae* STROYAN, 1950 <sup>11</sup>  
 415 *persicae* (PASSERINI, 1860)

- Subgenus: *Thuleaphis* HILLE RIS LAMBERS, 1960  
 416 Species: *amygdalinus* (SCHOUTEDEN, 1905)  
 417 *rumexicolens* (PATCH, 1917) !  
 418 *sedi* (JACOB, 1964)  
 Genus: *Brachycolus* BUCKTON, 1879  
 419 Species: *cerastii* (KALTENBACH, 1846)  
 420 *cucubali* (PASSERINI, 1863)  
 421 *stellariae* (HARDY, 1850)  
 Genus: *Brachycorynella* AIZENBERG, 1954  
 422 Species: *asparagi* (MORDVILKO, 1929)  
 Genus: *Brevicoryne* DAS, 1915  
 423 Species: *brassicae* (LINNAEUS, 1758)  
 Genus: *Capitophorus* VAN DER GOOT, 1913  
 424 Species: *carduinus* (WALKER, 1850)  
 425 *elaeagni* (DEL GUERCIO, 1894)  
 426 *hippohaes hippohaes* (WALKER, 1852)  
*horni* BÖRNER, 1931  
 427 Subspecies: *gynoxantha* HILLE RIS LAMBERS, 1953  
 428 *horni* BÖRNER, 1931  
 429 *pakansus* HOTTES & FRISON, 1931  
 430 *similis* VAN DER GOOT, 1915  
 Genus: *Cavariella* DEL GUERCIO, 1911  
 431 Species: *aegopodii* (SCOPOLI, 1763)  
 432 *archangelicae* (SCOPOLI, 1763)  
 433 *cicutae* (KOCH, 1854)  
 434 *intermedia* HILLE RIS LAMBERS, 1969  
 435 *konoii* TAKAHASHI, 1939  
 436 *pastinacae* (LINNAEUS, 1758)  
 437 *salicicola* (MATSUMURA, 1917)  
 438 *theobaldi* (GILLETTE & BRAGG, 1918)  
 Genus: *Ceruraphis* BÖRNER, 1926  
 439 Species: *eriphori* (WALKER, 1848)  
 Genus: *Chaetosiphon* MORDVILKO, 1914  
 Subgenus: *Chaetosiphon* MORDVILKO, 1914  
 440 Species: *alpestre alpestre* HILLE RIS LAMBERS, 1953  
 Subgenus: *Pentatrichopus* BÖRNER, 1930  
 441 Species: *potentillae* (WALKER, 1850)  
 442 *tetrarhodum* (WALKER, 1849)

- 443 Genus: *Chondrillobium* BOZHKO, 1961  
Species: *blatnyi* (PINTERA, 1959)
- 444 Genus: *Coloradoa* WILSON, 1910  
Species: *abrotani* (KOCH, 1854)  
445 *absinthii* (LICHTENSTEIN, 1885)  
446 *achilleae* HILLE RIS LAMBERS, 1939  
447 *angelicae* (DEL GUERCIO, 1911)  
448 *artemisiae* (DEL GUERCIO, 1913)  
449 *campestrella* OSSIANNILSSON, 1959  
450 *campestris* BÖRNER, 1939  
451 *huculaki* SZELEGIEWICZ, 1981<sup>12</sup>  
452 *inodorella* OSSIANNILSSON, 1959  
453 *tanacetina* (WALKER, 1850)
- Genus: *Corylobium* MORDVILKO, 1914  
454 Species: *avellanae* (SCHRANK, 1801)
- Genus: *Cryptaphis* HILLE RIS LAMBERS, 1947  
455 Species: *poae* (HARDY, 1850)
- Genus: *Cryptomyzus* OESTLUND, 1923  
Subgenus: *Ampullosiphon* HEIKINHEIMO, 1955  
456 Species: *stachydis* (HEIKINHEIMO, 1955)  
Subgenus: *Cryptomyzus* OESTLUND, 1922  
457 Species: *alboapicalis* (THEOBALD, 1916)  
458 *ballotae* HILLE RIS LAMBERS, 1953  
*galeopsidis* (KALTENBACH, 1843)  
459 Subspecies: *citrinus* HILLE RIS LAMBERS, 1953  
*dickeri* HILLE RIS LAMBERS, 1953  
*galeopsidis* (KALTENBACH, 1843)  
460 *korschelti* BÖRNER, 1938  
461 *leonuri* BOZHKO, 1961  
462 *ribis* (LINNAEUS, 1758)
- Genus: *Cryptosiphum* BUCKTON, 1879  
463 Species: *artemisiae artemisiae* BUCKTON, 1879  
464 *brevipilosum* BÖRNER, 1932
- Genus: *Delphiniobium* MORDVILKO, 1914  
465 Species: *junackianum junackianum* (KARSCH, 1887)
- Genus: *Diphorodon* BÖRNER, 1939<sup>13</sup>  
466 Species: *cannabis* PASSERINI, 1860

Genus: *Diuraphis* AIZENBERG, 1956Subgenus: *Diuraphis* AIZENBERG, 1956

- 467 Species: *muehlei* (BÖRNER, 1950)  
 468 *noxia* (MORDVILKO ex KURDJUMOV, 1913)  
 Subgenus: *Holcaphis* HILLE RIS LAMBERS, 1939  
 469 Species: *agrostidis* (MUDDATHIR, 1965)  
*bromicola* (HILLE RIS LAMBERS, 1959)  
 471 *calamagrostis* (OSSIANNILSSON, 1959)  
 472 *frequens* (WALKER, 1848)  
 473 *holci* (HILLE RIS LAMBERS, 1956)

Genus: *Dysaphis* BÖRNER, 1931Subgenus: *Dysaphis* BÖRNER, 1931

- 474 Species: *angelicae* (KOCH, 1854)  
 475 *anthrisci* BÖRNER, 1950  
*apifolia* (THEOBALD, 1923)  
 476 Subspecies: *apiifolia petroselini* (BÖRNER, 1950)  
 477 *bononii* (HILLE RIS LAMBERS, 1935)  
 478 *brancoi brancoi* (BÖRNER, 1950)  
 479 *chaerophylli* (BÖRNER, 1940)  
*crataegi* (KALTENBACH, 1843)  
 480 Subspecies: *aethusae* (BÖRNER, 1950)  
 481 *crataegi* (KALTENBACH, 1843)  
 482 *kunzei* (BÖRNER, 1950)  
 483 *devecta* (WALKER, 1849)  
 484 *hirsutissima* (BÖRNER, 1940)  
*lappae* (KOCH, 1854)  
 485 Subspecies: *cirsii* (BÖRNER, 1950)  
 486 *lappae* (KOCH, 1854)  
 487 *laserpitii* (BÖRNER, 1950)  
 488 *lauberti* (BÖRNER, 1940)  
*leefmansi* (HILLE RIS LAMBERS, 1954)  
 489 Subspecies: *leefmansi krumbholzi* MÜLLER, 1961  
*newskyi* (BÖRNER, 1940)  
 490 Subspecies: *aizenbergi* (SHAPOSHNIKOV, 1949)  
 491 *newskyi* (BÖRNER, 1940)  
 492 *oreoselini* SZELEGIEWICZ, 1982  
 493 *radicola* (MORDVILKO, 1897)  
 494 *ranunculi* (KALTENBACH, 1843)

- 495 *tulipae* (BOYER DE FONSCOLOMBE, 1841)  
Subgenus: *Pomaphis* BÖRNER, 1939
- 496 Species: *aucupariae* (BUCKTON, 1879)
- 497 *plantaginea* (PASSERINI, 1860)
- 498 *plantaginis* (PAŠEK, 1955)
- 499 *pyri* (BOYER DE FONSCOLOMBE, 1841)
- 500 *sorbi* (KALTENBACH, 1843)  
Genus: *Elatobium* MORDVILKO, 1914
- 501 Species: *abietinum* (WALKER, 1849)  
Genus: *Ericaphis* BÖRNER, 1939
- 502 Species: *ericae* (BÖRNER, 1933)
- 503 *latifrons* (BÖRNER, 1942)  
Genus: *Hayhurstia* DEL GUERCIO, 1917
- 504 Species: *atriplicis* (LINNAEUS, 1761)  
Genus: *Hyadaphis* KIRKALDY, 1904
- 505 Species: *bicincta* BÖRNER, 1942
- 506 *bupleuri* BÖRNER, 1939
- 507 *coriandri* (DAS, 1918)
- 508 *foeniculi foeniculi* (PASSERINI, 1860)
- 509 *passerinii* (DEL GUERCIO, 1911)
- 510 *polonica* SZELEGIEWICZ, 1959
- 511 *tataricae* (AIZENBERG, 1935)  
Genus: *Hyalopteroides* THEOBALD, 1916
- 512 Species: *humilis* (WALKER, 1852)  
Genus: *Hydaphias* BÖRNER, 1930
- 513 Species: *hofmanni* BÖRNER, 1950
- 514 *molluginis* BÖRNER, 1939
- 515 *mosana* HILLE RIS LAMBERS, 1956  
Genus: *Hyperomyzus* BÖRNER, 1933
- Subgenus: *Hyperomyzella* HILLE RIS LAMBERS, 1949
- 516 Species: *rhinanthi* (SCHOUTEDEN, 1903)  
Subgenus: *Hyperomyzus* BÖRNER, 1933
- 517 Species: *lactucae* (LINNAEUS, 1758)
- 518 *lampsanae* (BÖRNER, 1932)
- 519 *pallidus* HILLE RIS LAMBERS, 1935  
Subgenus: *Neonasonovia* HILLE RIS LAMBERS, 1949
- 520 Species: *picridis* (BÖRNER & BLUNCK, 1916)
- 521 *zirnitsi* HILLE RIS LAMBERS, 1952



- Genus: *Idiopterus* DAVIS, 1909  
 522 Species: *nephrolepidis* DAVIS, 1909\*\* !
- Genus: *Illinoia* WILSON, 1910  
 Subgenus: *Illinoia* WILSON, 1910  
 523 Species: *azaleae azaleae* (MASON, 1925) !  
 Subgenus *Masonaphis* HILLE RIS LAMBERS, 1939  
 524 Species: *lambersi* (MACGILLIVRAY, 1960) !
- Genus: *Impatientinum* MORDVILKO, 1914  
 525 Species: *asiaticum asiaticum* NEVSKY, 1929 !  
 526 *balsamines* (KALTENBACH, 1862)
- Genus: *Jacksonia* THEOBALD, 1923  
 527 Species: *papillata* THEOBALD, 1923
- Genus: *Linosiphon* BÖRNER, 1950  
 528 Species: *asperulophagum* HOLMAN, 1961  
 529 *galii* (MAMONTOVA, 1961)  
 530 *galiophagum* (WIMSHURST, 1923)
- Genus: *Liosomaphis* WALKER, 1868  
 531 Species: *berberidis* (KALTENBACH, 1843)
- Genus: *Lipaphis* MORDVILKO, 1928  
 Subgenus: *Lipaphidiella* DONCASTER, 1954  
 532 Species: *ruderalis* BÖRNER, 1939  
 Subgenus: *Lipaphis* MORDVILKO, 1928  
 533 Species: *alliariae* F. P MÜLLER, 1952  
 534 *erysimi* (KALTENBACH, 1843)  
 535 *fritzmuelleri* BÖRNER, 1950  
 536 *rossi rossi* BÖRNER, 1939  
 537 *turritella* (WAHLGREN, 1938)
- Genus: *Longicaudus* VAN DER GOOT, 1913  
 538 Species: *trirhodus trirhodus* (WALKER, 1849)
- Genus: *Macrosiphoniella* DEL GUERCIO, 1911  
 Subgenus: *Asterobium* HILLE RIS LAMBERS, 1938  
 539 Species: *asteris* (WALKER, 1849)  
*linariae* (KOCH, 1855)  
 Subgenus: *Macrosiphoniella* DEL GUERCIO, 1911  
 540 Species: *abrotani abrotani* (WALKER, 1852)  
 541 *absinthii* (LINNAEUS, 1758)  
 542 *artemisiae artemisiae* (BOYER DE FONSCOLOMBE,  
 1841)

- 543 *dimidiata* BÖRNER, 1942  
*kaufmanni* BÖRNER, 1940
- 544 *millefolii* (DE GEER, 1773)
- 545 *nitida nitida* (BÖRNER, 1950)
- 546 *ptarmicae* HILLE RIS LAMBERS, 1956
- 547 *sanborni* (GILLETTE, 1908) \*\* !
- 548 *sejuncta* (WALKER, 1848)
- 549 *staegeri staegeri* HILLE RIS LAMBERS, 1947
- 550 *subaequalis* BÖRNER, 1942
- 551 *subterranea* (KOCH, 1855)
- 552 *tanacetaria tanacetaria* (KALTENBACH, 1843)
- 553 *tapuskae* (HOTTE & FRISON, 1931)
- 554 *usquertensis* HILLE RIS LAMBERS, 1935  
Subgenus: *Phalangomyzus* BÖRNER, 1939  
Species: *oblonga* (MORDVILKO, 1901)
- 555 *persequens* (WALKER, 1852)
- 556 Subgenus: *Ramitrichophorus* HILLE RIS LAMBERS, 1947  
Species: *hillerislambersi* OSSIANNILSSON, 1954
- 557 *jankei* BÖRNER, 1939
- 558 *medvedevi* (BOZHKO, 1957)
- 559 Genus: ***Macrosiphum*** PASSERINI, 1860  
Subgenus: ***Macrosiphum*** PASSERINI, 1860  
Species: *albifrons* ESSIG, 1911 !
- 560 *atragenae* HOLMAN, 1980
- 561 *cholodkovskyi* (MORDVILKO, 1909)
- 562 *daphnidis* BÖRNER, 1950
- 563 *dryopteridis* (HOLMAN, 1959) <sup>14</sup>
- 564 *equiseti* (HOLMAN, 1961) <sup>15</sup>
- 565 *euphorbiae* (THOMAS, 1878) !
- 566 *euphorbiellum* THEOBALD, 1917 <sup>16</sup>
- 567 *funestum* (MACCHIATI, 1885)
- 568 *gei* (KOCH, 1855)
- 569 *holmani* LECLANT, 1972
- 570 *knautiae* HOLMAN, 1972
- 571 *lissae* HEIE, 1965
- 572 *melampyri* MORDVILKO, 1919
- 573 *oredonense* REMAUDIÉRE, 1952
- 574 *preanthidis* BÖRNER, 1940

- 576 *ptericolens* PATCH, 1919 <sup>17</sup> !
- 577 *rosae rosae* (LINNAEUS, 1758)
- 578 *stellariae* THEOBALD, 1913
- 579 *tinctum* (WALKER, 1849)
- Genus: **Megoura** BUCKTON, 1876
- 580 Species: *litoralis* F. P. MÜLLER, 1952
- 581 *viciae* BUCKTON, 1876
- Genus: **Megourella** HILLE RIS LAMBERS, 1949
- 582 Species: *purpurea* HILLE RIS LAMBERS, 1949
- 583 *tribulis* (WALKER, 1849)
- Genus: **Metopeurum** MORDVILKO, 1914
- 584 Species: *enslini* (BÖRNER, 1933)
- 585 *fuscoviride fuscoviride* STROYAN, 1950
- Genus: **Metopolophium** MORDVILKO, 1914
- Subgenus: *Metopolophium* MORDVILKO, 1914
- 586 Species: *albidum* HILLE RIS LAMBERS, 1947
- 587 *dirhodum* (WALKER, 1849)
- 588 *fasciatum* STROYAN, 1982
- 589 *festucae festucae* (THEOBALD, 1917)
- 590 *tenerum* HILLE RIS LAMBERS, 1947
- Genus: **Microlophium** MORDVILKO, 1914
- 591 Species: *carnosum* (BUCKTON, 1876)
- 592 *sibiricum sibiricum* (MORDVILKO, 1914)
- Genus: **Microsiphum** CHOLODKOVSKY, 1902
- 593 Species: *jazykovi* NEVSKY, 1928
- 594 *millefolii* WAHLGREN, 1940
- 595 *woronickeae* JUDENKO, 1931
- Genus: **Muscaphis** BÖRNER, 1933
- 596 Species: *escherichi escherichi* (BÖRNER, 1939)
- 597 *musci* BÖRNER, 1933
- Genus: **Myzaphis** VAN DER GOOT, 1913
- 598 Species: *rosarum* (KALTENBACH, 1843)
- Genus: **Myzus** PASSERINI, 1860
- Subgenus: *Galiobium* BÖRNER, 1933
- 599 Species: *langei* (BÖRNER, 1933)
- Subgenus: *Myzus* PASSERINI, 1860
- Species: *cerasi*
- 600 Subspecies: *cerasi* (FABRICIUS, 1775)

- 601 *pruniavium* BÖRNER, 1926  
 602 *lythri* (SCHRANK, 1801)  
 603 *ornatus* LAING, 1932 !  
 604 *varians* DAVIDSON, 1912 !  
 Subgenus: *Nectarosiphon* SCHOUTEDEN, 1901  
 605 Species: *ajugae* SCHOUTEDEN, 1903  
 606 *certus* (WALKER, 1849)  
 607 *ligustri* (MOSLEY, 1841)  
 608 *myosotidis* (BÖRNER, 1950)  
 609 *persicae* (SULZER, 1776) !  
 610 *titschaki* (BÖRNER, 1942)  
 Subgenus: *Sciamyzus* STROYAN, 1954  
 611 Species: *ascalonicus* DONCASTER, 1946 !  
 Genus: *Nasonovia* MORDVILKO, 1914  
 Subgenus: *Nasonovia* MORDVILKO, 1914  
 Species: *compositellae* (THEOBALD, 1924)  
 612 Subspecies: *compositellae* (THEOBALD, 1924)  
 613 *nigra* (HILLE RIS LAMBERS, 1931)  
 614 *pilosellae* (BÖRNER, 1933)  
 615 *ribisnigri* (MOSLEY, 1841)  
 Genus: *Neoamphorophora* MASON, 1924  
 616 Species: *ledi* (WAHLGREN, 1938)  
 Genus: *Neomariaella* SZWEDO & OSIADACZ, 2010  
 617 Species: *lambersi* (SZELEGIEWICZ, 1961)  
 Genus: *Neomyzus* VAN DER GOOT, 1915  
 618 Species: *circumflexus* (BUCKTON, 1876) !  
 Genus: *Neopterocomma* HILLE RIS LAMBERS, 1935  
 619 Species: *asiphum* HILLE RIS LAMBERS, 1935  
 620 *verhoeveni* HILLE RIS LAMBERS, 1956  
 Genus: *Ossiannilssonia* HILLE RIS LAMBERS, 1952  
 621 Species: *oelandica* HILLE RIS LAMBERS, 1952  
 Genus: *Ovatomyzus* HILLE RIS LAMBERS, 1947  
 Species: *boraginacearum* EASTOP, 1952  
 622 *chamaedrys* (PASSERINI, 1879)  
 623 *stachyos* HILLE RIS LAMBERS, 1947  
 Genus: *Ovatus* VAN DER GOOT, 1913  
 Subgenus: *Ovatus* VAN DER GOOT, 1913  
 624 Species: *crataegarius* (WALKER, 1850)

- 625 *insitus* (WALKER, 1849)  
626 *mentharius* (VAN DER GOOT, 1913)  
Genus: ***Paczoskia*** MORDVILKO, 1919  
627 Species: *longipes* TASHEV, 1964  
628 *major major* BÖRNER, 1950  
629 *obtecta* BÖRNER, 1950  
Genus: ***Paramyzus*** BÖRNER, 1933  
630 Species: *heraclei heraclei* BÖRNER, 1933  
Genus: ***Phorodon*** PASSERINI, 1860  
631 Species: *humuli humuli* (SCHRANK, 1801)  
Genus: ***Pleotrichophorus*** BÖRNER, 1930  
632 Species: *deviatus* MÜLLER, 1972  
633 *duponti* HILLE RIS LAMBERS, 1935  
634 *glandulosus glandulosus* (KALTENBACH, 1846)  
635 *helichrysi* BOZHKO, 1963  
636 *persimilis persimilis* BÖRNER, 1950  
Genus: ***Plocamaphis*** OESTLUND, 1923  
637 Species: *amerinae* (HARTIG, 1841)  
*flocculosa* (WEED, 1891)  
638 Subspecies: *flocculosa brachysiphon* OSSIANNILSSON,  
1959  
*flocculosa goernitzi* BÖRNER, 1940  
Genus: ***Pseudacaudella*** BÖRNER, 1950  
640 Species: *rubida* (BÖRNER, 1939)  
Genus: ***Pseudobrevicoryne*** HEINZE, 1960  
641 Species: *buhri* (BÖRNER, 1952)  
642 *erysimi* HOLMAN, 1961  
Genus: ***Pterocomma*** BUCKTON, 1879  
643 Species: *dubium* (BÖRNER, 1950)  
644 *jacksoni* THEOBALD, 1921  
645 *konoii* (HORI ex TAKAHASHI, 1939)  
*pilosum* BUCKTON, 1879  
646 Subspecies: *pilosum* BUCKTON, 1879  
647 *sarmaticum* SZELEGIEWICZ, 1967  
648 *populeum* (KALTENBACH, 1843)  
649 *rufipes* (HARTIG, 1841)  
650 *salicis* (LINNAEUS, 1758)  
651 *tremulae* BÖRNER, 1940

- Genus: *Rhodobium* HILLE RIS LAMBERS, 1947  
652 Species: *porosum* (SANDERSON, 1900) !
- Genus: *Rhopalomyzus* MORDVILKO, 1921  
Subgenus: *Judenkoa* HILLE RIS LAMBERS, 1946  
653 Species: *lonicerae* (SIEBOLD, 1839)  
Subgenus: *Rhopalomyzus* MORDVILKO, 1921  
654 Species: *poae* (GILLETTE, 1908)
- Genus: *Rhopalosiphoninus* BACKER (A. C.), 1920  
Subgenus: *Neorhopalosiphoninus* GHOSH (A.K.)  
& RAYCHAUDHURI (D.N.), 1968<sup>18</sup>  
Species: *staphyleae* (KOCH, 1854)  
655 Subspecies: *staphyleae* (KOCH, 1854)  
656 *tulipaellus* (THEOBALD, 1916)  
Subgenus: *Pseudorhopalosiphoninus* HEINZE, 1961  
657 Species: *calthae* (KOCH, 1854)  
Subgenus: *Rhopalosiphoninus* BACKER, 1920  
658 Species: *latysiphon* (DAVIDSON, 1912) !  
659 *maianthemum* STROYAN, 1965  
660 *ribesinus* (VAN DER GOOT, 1912)  
Subgenus: *Submegoura* HILLE RIS LAMBERS, 1953  
661 Species: *heikinheimoi* (BÖRNER, 1952)
- Genus: *Semiaphis* VAN DER GOOT, 1913  
662 Species: *anthrisci* (KALTENBACH, 1843)  
663 *dauci dauci* (FABRICIUS, 1775)  
664 *pimpinellae* (KALTENBACH, 1843)
- Genus: *Sitobion* MORDVILKO, 1914  
Subgenus: *Sitobion* MORDVILKO, 1914  
665 Species: *alopecuri* (TAKAHASHI, 1921)<sup>19</sup> \* !  
666 *avenae* (FABRICIUS, 1775)  
667 *fragariae* (WALKER, 1848)  
*paludum* MÜLLER, 1982
- Genus: *Smiela* MORDVILKO, 1948  
668 Species: *fusca* MORDVILKO, 1948
- Genus: *Spatulophorus* MÜLLER (F. P.), 1958  
669 Species: *incanae* MÜLLER (F. P.), 1958
- Genus: *Staegeriella* HILLE RIS LAMBERS, 1947  
670 Species: *necopinata* (BÖRNER, 1939)

- Genus: *Subacyrthosiphon* HILLE RIS LAMBERS, 1947  
 671 Species: *cryptobium* HILLE RIS LAMBERS, 1947  
 Genus: *Taiwanomyzus* TAO, 1963  
 672 Species: *alpicola* (HILLE RIS LAMBERS, 1969)  
 Genus: *Titanosiphon* NEVSKY, 1928  
 673 Species: *artemisiae* (KOCH, 1855)  
 Genus: *Trichosiphonaphis* TAKAHASHI, 1922  
 Subgenus: *Xenomyzus* AIZENBERG, 1935  
 674 Species: *corticis* (AIZENBERG, 1935)  
 Genus: *Tubaphis* HILLE RIS LAMBERS, 1947  
 675 Species: *ranunculina* (WALKER, 1852)  
 Genus: *Uroleucon* MORDVILKO, 1914  
 Subgenus: *Lambersius* OLIVE, 1965  
 676 Species: *erigeronense* (THOMAS, 1878) !  
 Subgenus: *Uroleucon* MORDVILKO, 1914  
 677 Species: *achilleae* (KOCH, 1855)  
 678 *chondrillae* (NEVSKY, 1929)  
 679 *cichorii* (KOCH, 1855)  
 680 *cirsii* (LINNAEUS, 1758)  
 681 *grossum* (HILLE RIS LAMBERS, 1939)  
 682 *hypochoeridis* (FABRICIUS, 1779)  
 683 *inulicola inulicola* (HILLE RIS LAMBERS, 1939)  
 684 *jaceicola jaceicola* (HILLE RIS LAMBERS, 1939)  
 685 *leontodontis* (HILLE RIS LAMBERS, 1939)  
 686 *murale* (BUCKTON, 1876)  
 687 *obscurum* (KOCH, 1855)  
 688 *picridis* (FABRICIUS, 1775)  
 689 *pilosellae* (BÖRNER, 1933)  
 690 *pseudoambrosiae* (OLIVE, 1963) \*\* !  
 691 *pulicariae* (HILLE RIS LAMBERS, 1939)  
 692 *sonchi sonchi* (LINNAEUS, 1767)  
 693 *tanacetii* (LINNAEUS, 1758)  
 694 *telekiae* (HOLMAN, 1965)  
 695 *tussilaginis* (WALKER, 1850)  
 Subgenus: *Uromelan* MORDVILKO, 1914  
 696 Species: *aeneum* (HILLE RIS LAMBERS, 1939)  
 697 *campanulae campanulae* (KALTENBACH, 1843)  
 698 *carlinae* (BÖRNER, 1933)

- 699 *doronici* (BÖRNER, 1942)  
 700 *ensifoliae* (HOLMAN, 1965)  
*jaceae* (LINNAEUS, 1758)  
 701 Subspecies: *jaceae* (LINNAEUS, 1758)  
 702 *henrichi* (BÖRNER, 1950)  
 703 *reticulatum* (HILLE RIS LAMBERS, 1939)  
 704 *minosmartellii* BARBAGALLO & PATTI, 1994  
 705 *nigrocampanulae* (THEOBALD, 1928)  
 706 *rapunculoidis* (BÖRNER, 1939)  
 707 *simile* (HILLE RIS LAMBERS, 1935)  
 708 *solidaginis* (FABRICIUS, 1779)  
 709 *taraxaci* (KALTENBACH, 1843)  
 Genus: ***Vesiculaphis*** DEL GUERCIO, 1911  
 710 Species: *theobaldi* TAKAHASHI, 1930  
 Genus: ***Volutaphis*** BÖRNER, 1939  
 711 Species: *schusteri* (BÖRNER, 1939)  
 Genus: ***Wahlgreniella*** HILLE RIS LAMBERS, 1949  
 712 Species: *ossiannilssoni* HILLE RIS LAMBERS, 1949  
 Genus: ***Zinia*** SHAPOSHNIKOV, 1950  
 713 Species: *veronicae* SHAPOSHNIKOV, 1950
- Subfamily: LACHNINAE HERRICH-SCHAEFFER, 1854  
 Tribe: Eulachnini BAKER, 1920  
 Genus: ***Cinara*** CURTIS, 1835  
 Subgenus: *Cinara* CURTIS, 1835  
 714 Species: *acutirostris* HILLE RIS LAMBERS, 1956  
 715 *brauni* BÖRNER, 1940  
 716 *cembrae* (SEITNER, 1936)  
 717 *confinis* (KOCH, 1856)  
 718 *costata* (ZETTERSTEDT, 1828)  
 719 *cuneomaculata* (DEL GUERCIO, 1909)  
 720 *hyperophila* (KOCH, 1855)  
 721 *kochiana kochiana* (BÖRNER, 1939)  
 722 *laricis* (HARTIG, 1839)  
 723 *neubergi* (ARNHART, 1930)  
 724 *nuda* MORDVILKO, 1895  
 725 *pectinatae* (NÖRDLINGER, 1880)  
 726 *piceae* (PANZER, 1800)



- 727 *piceicola* (CHOLODKOVSKY, 1896)  
 728 *pilicornis* (HARTIG, 1841)  
 729 *pilosa* (ZETTERSTEDT, 1940)  
 730 *pinea* (MORDVILKO, 1895)  
 731 *pini* (LINNAEUS, 1758)  
 732 *pinihabitans* (MORDVILKO, 1895)  
 733 *piniphila* (RATZEBURG, 1844)  
 734 *pruinosa pruinosa* (HARTIG, 1841)  
 Subgenus: *Cupressobium* BÖRNER, 1940  
 735 Species: *cupressi* (BUCKTON, 1881)  
 736 *fresai* (BLANCHARD, 1939)  
 737 *juniperi* (DE GEER, 1773)  
 738 *mordvilkoii* (PAŠEK, 1954)  
 739 *tujafilina* (DEL GUERCIO, 1909)  
 Genus: *Eulachnus* DEL GUERCIO, 1909  
 740 Species: *agilis* (KALTENBACH, 1843)  
 741 *alticola* BÖRNER, 1940  
 742 *brevipilosus* BÖRNER, 1940  
 743 *cembrae* BÖRNER, 1950  
 744 *nigricola* (PAŠEK, 1953)  
 745 *rileyi* (WILLIAMS, 1911)  
 Genus: *Schizolachnus* MORDVILKO, 1909  
 746 Species: *pineti* (FABRICIUS, 1781)  
 Tribe: Lachnini HERRICH-SCHAEFFER, 1854  
 Genus: *Lachnus* BURMEISTER, 1835  
 747 Species: *pallipes* (HARTIG, 1841)<sup>20</sup>  
 748 *roboris* (LINNAEUS, 1758)  
 Genus: *Maculolachnus* GAUMONT, 1920  
 749 Species: *submacula* (WALKER, 1848)  
 Genus: *Stomaphis* WALKER, 1870<sup>21</sup>  
 Subgenus: *Parastomaphis* PAŠEK, 1953  
 750 Species: *graffii* CHOLODKOVSKY, 1894  
 751 *longirostris* (FABRICIUS, 1787)  
 Subgenus: *Stomaphis* WALKER, 1870  
 752 Species: *quercus* (LINNAEUS, 1758)  
 753 *wojciechowskii* DEPA, 2012

- Genus: *Tuberolachnus* MORDVILKO, 1909  
 Subgenus: *Tuberolachnus* MORDVILKO, 1909  
 754 Species: *salignus* (GMELIN, 1790)  
 Tribe: Tramini HERRICH-SCHAEFFER, 1854  
 Genus: *Protrama* BAKER (A.C.), 1920  
 755 Species: *flavescens* (KOCH, 1856)  
 756 *longitarsus longitarsus* (FERRARI, 1872)  
 757 *radicis* (KALTENBACH, 1843)  
 758 *ranunculi* (DEL GUERCIO, 1909)  
 Genus: *Trama* von Heyden, 1837  
 Subgenus: *Neotrama* BAKER (A.C.), 1920  
 759 Species: *caudata* DEL GUERCIO, 1909  
 760 *maritima* (EASTOP, 1953)  
 Subgenus: *Trama* von HEYDEN, 1837  
 761 Species: *centaureae* BÖRNER, 1940  
 762 *rara* MORDVILKO, 1908  
*trogodytes* VON HEYDEN, 1837  
 763 Subspecies: *pubescens* (KOCH, 1857)  
 764 *trogodytes* VON HEYDEN, 1837

#### Taxonomix comments

<sup>1</sup> According to BLACKMAN & EASTOP (2015) *Daktulosphaira* SHIMER, 1866 = *Viteus* SHIMER, 1867.

<sup>2</sup> This species was included in the systematic reviews of Polish aphids by SZELEGIEWICZ (1978a), NAST et al. (1990), WEGIEREK & WOJCIECHOWSKI (2004) and OSIADACZ & HALAJ (2009, 2010) without any distributional data; its presence has now been confirmed: Katowice, *Acer pseudoplatanus* LINNAEUS, 173, 16.VI.2013, No 15/13/121, UŚ, leg. K. WIECZOREK.

<sup>3</sup> According to GARCÍA PRIETO et al. (2004): “HILLE RIS LAMBERS (1966, pg. 125) established *Aphis davletshinae* to replace *A. althaeae* (NEVSKY, 1929) because he believed the latter to be a senior homonym of *althaea* HARRIS, 1776 (*nomen dubium* according to EASTOP & HILLE RIS LAMBERS, 1976, pg. 42). However, this was a mistake, opposed to what is stated in article 58.1 of the International Code of Zoological Nomenclature, Fourth Edition” (CINZ 2000). *A. davletshinae* should be *A. althaeae*.

<sup>4</sup> According to GARCÍA PRIETO et al. (2004): “For two aphid species in the subfamily Aphidinae living on *Ballota* (one belonging to the genus *Aphis* and the other to *Brachycaudus*) SZELEGIEWICZ (1968) assigned the name *Aphis ballotae* to the latter and established the replacement name *balloticola* for the former. This was not the correct

choice as there are two specimens seen by PASSERINI (much later designated as lectotypes by HILLE RIS LAMBERS of *A. ballotae* PASSERINI, unpublished datum!), currently at the Natural History Museum – London, belonging to the group *frangulae/gossypii* of the genus *Aphis* (BLACKMAN, pers. comm., 2004)”.

Also, *Aphis balloticola* SZELEGIEWICZ, 1968 is a *nomen nudum* because when it was established as a new name for «*Aphis ballotae*: auct., non PASSERINI, 1860», SZELEGIEWICZ gave no description or indication: the bibliographic reference to SZULCZEWSKI is not sufficient as he (SZULCZEWSKI, 1950, pg. 34) did not provide any characters for his “Aphididae 34”. *A. balloticola* SZELEGIEWICZ should be *A. ballotae* PASSERINI and the former name has been excluded from the checklist.

<sup>5</sup> According to GARCÍA PRIETO et al. (2004): “SZELEGIEWICZ (1961, pg. 303) established *Aphis stroyani* to replace *A. picridis* (BÖRNER, 1950) (junior secondary homonym of *A. picridis* FABRICIUS, 1775). However, this was a mistake, contrary to what is stated for the replacement of junior secondary homonyms in article 59.4 of the International Code of Zoological Nomenclature, Fourth Edition” (CINZ 2000). *A. stroyani* SZELEGIEWICZ should be *A. picridis* (BÖRNER).

<sup>6</sup> The correct name for the rice root aphid is *Rhopalosiphum rufiabdominale* (SASAKI), not *rufiabdominalis* (mentioned by ŁABANOWSKI (2008) and OSIADACZ & HALAJ (2012)), because the gender of *Rhopalosiphum* is neuter (BLACKMAN & EASTOP 2011).

<sup>7</sup> All former Pterocommatinae have been included in the tribe Macrosiphini WILSON, 1910 in accordance with VON DOHLEN et al. (2006). Not confirmed by NIETO NAFRÍA & FAVRET (2011) – the Pterocommatinae has the status of an independent subfamily; however, the authors in the update to the registers of family-group and genus group taxa of Aphidoidea (2014) included all former Pterocommatinae in Macrosiphini.

<sup>8</sup> *Aulacorthum cylactis* BÖRNER, 1942 – according to BLACKMAN & EASTOP (2015) this is a good species, not the subspecies *Aulacorthum (Aulacorthum) solani cylactis* BÖRNER, 1942.

<sup>9</sup> A morphometric and molecular study by COCUZZA et al. (2007) indicated that this species should be treated as a subspecies of *B. (A.) prunicola*.

<sup>10</sup> According to the subgeneric classification by ANDREEV (2003) *Brachycaudus cardui* (LINNAEUS, 1758) belongs to the subgenus *Prunaphis*.

<sup>11</sup> According to the subgeneric classification by ANDREEV (2003) *Brachycaudus linariae* STROYAN, 1950 belongs to the subgenus *Scrophulaphis*.

<sup>12</sup> This species was included in the systematic reviews of Polish aphids by SZELEGIEWICZ (1978a), NAST et al. (1990), WEGIEREK & WOJCIECHOWSKI (2004) and OSIADACZ & HALAJ (2009, 2010) without any distribution data; its presence has now been confirmed. The locality of *Coloradoa huculaki* (Poland, Warszawa-Bielany, 27.06.1976,

SZELEGIEWICZ 1981, p. 85) is mentioned in “The Aphids (Homoptera, Aphidoidea) of the Hortobagy” (SZELEGIEWICZ 1981).

<sup>13</sup> NIETO NAFRÍA & FAVRET 2011 gave full generic status to *Diphorodon* BÖRNER, 1939.

<sup>14</sup> According to JENSEN (1997) *Sitobion* (*S.*) *dryopteridis* (HOLMAN, 1959), mentioned in OSIADACZ & HAŁAJ 2010, should be *Macrosiphum* (*M.*) *dryopteridis* (HOLMAN, 1959).

<sup>15</sup> According to JENSEN (1997) *Sitobion* (*S.*) *equiseti* (HOLMAN, 1961), mentioned in OSIADACZ & HAŁAJ 2010, should be *Macrosiphum* (*M.*) *equiseti* (HOLMAN, 1961).

<sup>16</sup> *Macrosiphum euphorbiellum* THEOBALD, 1917 (= *M. amygdaloides* THEOBALD, 1925). Synonymy established by WATSON (1982) (PhD thesis) and published in BLACKMAN 2010.

<sup>17</sup> According to JENSEN (1997) *Sitobion* (*S.*) *ptericolens* (PATCH, 1919), mentioned in OSIADACZ & HAŁAJ 2010, should be *Macrosiphum* (*M.*) *ptericolens* PATCH, 1919.

<sup>18</sup> According to NIETO NAFRÍA et al. (2009): “HILLE RIS LAMBERS never described the genus *Myzosiphon*, but EASTOP & HILLE RIS LAMBERS (1976: 378) used it as a subgenus of *Rhopalosiphoninus* BAKER, also failing to describe it, and it has continued to be used as such. As *Myzosiphon* is unavailable and cannot be valid (Code article 23.1), it requires a replacement name. The replacement name must be *Neorhopalosiphoninus* GHOSH & RAYCHAUDHURI (1968: 187), because it is the only available synonym”.

<sup>19</sup> Krośnice, 27.VI.2013, No 06/13/135, UŚ, leg. Ł. DEPA.

<sup>20</sup> A morphometric and molecular study by MRÓZ et al. 2015 indicated that *L. longirostris* (MORDVILKO, 1909) is a synonym of *L. pallipes* (HARTIG, 1841).

<sup>21</sup> *Parastomaphis* PAŠEK, 1953 stat. rev. (DEPA et al. 2015). On the basis of the structure of the apical part of antennomere VI (rounded apex in *Stomaphis* and nodulose apex in *Parastomaphis*) of the viviparous generation, PAŠEK (1953) subdivided the genus *Stomaphis* into two subgenera: *Stomaphis* and *Parastomaphis*, later treated as separate genera (SZELEGIEWICZ 1978b). Then *Parastomaphis* was synonymised with *Stomaphis* by EASTOP & HILLE RIS LAMBERS (1976) and current aphid taxonomy retains this taxon undivided as a single genus within the tribe Lachnini (NIETO NAFRÍA & FAVRET 2011). However, on the basis of the morphological characters of the sexuales, supported by biological data, in our opinion the taxonomic status of the subgenus *Parastomaphis* should be maintained.

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