

The Update of “Systematic Review of Aphids (Hemiptera:
Sternorrhyncha: Aphidomorpha) of Poland
with Host Plant Index”

Uzupełnienie systematycznego przeglądu mszyc (Hemiptera:
Sternorrhyncha: Aphidomorpha) Polski
wraz z indeksem roślin żywicielskich

Barbara OSIADACZ¹, Roman HAŁAJ²

¹Department of Entomology and Environmental Protection, Poznań University of Life Sciences, Dąbrowskiego 159, PL 60-594 Poznań; e-mail: barbara.osiadacz@gmail.com

²Janasa 26/2, PL 41-700 Ruda Śląska; e-mail: roman-halaj@hotmail.com

ABSTRACT: This paper is an update of “Systematic Review of Aphids (Hemiptera: Sternorrhyncha: Aphidomorpha) of Poland with Host Plant Index. A Monographic Survey”. It includes information on 28 species and subspecies of Aphidomorpha. The information concerning 10 taxa refers to their synonymy: *Allaphis cyperi cyperi*, *A. ossiannilssoni*, *A. producta*, *A. verrucosa verrucosa*, *Chaetosiphella stipae stipae*, *Iziphya bufo*, *Nevskya fungifera*, *Rhopalosiphum oxyacanthae*, *Thripsaphis (Neobacillaphis) szelegiewiczzi*, *T. (T.) caricis*. The information concerning remaining 18 taxa refers to their first recording in Poland: *Aphis (Aphis) nerii*, *A. (A.) spiraecola*, *Brachycaudus (Mordvilkomemor) sedi*, *Cinara fresai*, *Eulachnus nigricola*, *Hyadaphis bicincta*, *Macrosiphum (M.) atragenae*, *M. (M.) holmani*, *Neopterocomma verhoeveni*, *Periphyllus californiensis*, *Rhopalosiphum rufiabdominalis*, *Schizachis (S.) rotundiventris*, *Stomaphis wojciechowskii*, *Tetraneura (T.) nigriabdominalis*, *Toxoptera aurantii*, *Uroleucon leontodontis*, *U. (Uromelan) minosmartellii*, *Viteus vitifoliae*.

KEY WORDS: Aphids, Hemiptera, Sternorrhyncha, Aphidomorpha, Poland, Update Systematic Review.

Introduction

The recently published monograph “Systematic Review of Aphids (Hemiptera: Sternorrhyncha: Aphidomorpha) of Poland with Host Plant Index. A Monographic Survey” (OSIADACZ, HAŁAJ 2010) includes the latest and

most comprehensive list of Polish aphids. However, during the process of its publication, revised compilations appeared in the publishing market which suggested changes in some taxa of aphids from Drepanosiphidae family (QUEDNAU 2010; WIECZOREK 2010). As the changes are quite important (especially in Saltusaphidinae subfamily), it seems reasonable to publish an update of the Polish aphid index. Another reason for publishing this update is the fact that in 2011 the register of accepted changes in the nomenclature of aphid taxa was published. These changes are of generic and above generic (NIETO NAFRÍA, FAVRET 2011) as well as species (BLACKMAN, EASTOP 2011) rank.

Since the moment when “Systematic Review...” was published, another important articles have also appeared. These papers include Aphidomorpha species which so far have not been recorded in Poland (DEPA, MRÓZ 2012; DEPA et al. 2012; DURAK 2012; HAŁAJ et al. 2011; IMIOLCZYK-CESSAK et al. 2011; JUNKIERT et al. 2011), as well as those which have a significant economic importance (*Viteus vitifoliae* – a quarantine organism) or those which are ‘alien and invasive’ (*Periphyllus californirnsis*). A separate issue was to explain the status of occurrence in Poland of some species previously recorded (ŁABANOWSKI 2008) and not listed in “Systematic Review...”. The following species: *Aphis* (*A.*) *nerii*, *Aphis* (*A.*) *spiraecola*, *Rhopalosiphum rufiabdominalis*, *Schizachis* (*S.*) *rotundiventris*, *Tetraneura* (*T.*) *nigriabdominalis* and *Toxoptera aurantii* have been found in Poland only in strictly controlled conditions on imported plants (in experimental or quarantine stations) and were destroyed after spotting. Their occurrence in other breeding sites or beyond them has not been documented as yet. However, their presence in Poland cannot be excluded. Taking into account this reason as well as statistical and cognitive aspects, they are placed in this annex with the question mark [?] to indicate that they potentially might occur beyond experimental conditions.

The species recorded in Poland for the first time (marked in the list by *), were identified with use of the keys for identification by HEIE (1986), BLACKMAN & EASTOP (2006, 2012) and original descriptions (BARBAGALLO, PATTI 1994; HILLE RIS LAMBERS 1956; LECLANT 1972).

A list of the new host plants recorded is presented in the table (Tab.).

Update list of Aphids

In order to preserve compatibility with “Systematic Review...” study the same order and quotation manner has been applied. Next to the species which have been recorded for the first time in Poland their distribution has also been provided. This information may constitute a supplement of pre-

vious study “The Aphids (Hemiptera: Sternorrhyncha: Aphidinea) of Poland. A Distributional Checklist” (OSIADACZ, HAŁAJ 2009). Other abbreviations, information of storing places of voucher specimens: DEEPULS – entomological collections of the Department of Entomology and Environmental Protection, University of Life Sciences in Poznan; DZUS – entomological collections of the Department of Zoology, University of Silesia in Katowice; MIIZ – Henryk SZELEGIEWICZ’s collection of aphids, Museum and Institute of Zoology of Polish Academy of Sciences in Warsaw; ref. – only on the base of aphidological references.

Superfamily: **PHYLLOXEROIDEA**

Family: PHYLLOXERIDAE

Subfamily: Phylloxerinae

Tribus: Phylloxerini

Genus: *Viteus* SHIMER, 1867

Viteus vitifoliae (FITCH, 1855) – DEEPULS

2011 HAŁAJ et al.

Host plants: *Vitis* spp.

Distribution in Poland: Kraków-Wieluń Upland (Regulice near Alwernia)

Superfamily: **APHIDOIDEA**

Family: ERIOSOMATIDAE

Subfamily: Eriosomatinae

Tribe: Tetraneurini

Genus: *Tetraneura* HARTIG, 1841

Sugenus: *Tetraneura* HARTIG, 1841

? *Tetraneura (Tetraneura) nigriabdominalis* (SASAKI, 1899) – ref.

2008 *Tetraneura nigriabdominalis* (SASAKI, 1899) ŁABANOWSKI, p. 33

Host plants: *Freesia* spp.

Distribution in Poland: Mazovian Lowland (Horticultural Farm Baćmaga in Radom)

Family: DREPANOSIPHIDAE

Subfamily: Saltusaphidinae

Tribe: Saltusaphidini

Genus: *Iziphya* NEVSKY, 1929

Iziphya bufo (WALKER, 1848) [In the monograph OSIADACZ & HAŁAJ (2010) No. 76]

1968 SZELEGIEWICZ, p. 63

1968 *Iziphya oettingeni* QUEDNAU, 1954: SZELEGIEWICZ, p. 63

1978 SZELEGIEWICZ, p. 11

- 1978 *Iziphya austriaca* BÖRNER, 1950: SZELEGIEWICZ, p. 11
 1978 *Iziphya maculata* NEVSKY, 1929: SZELEGIEWICZ, p. 11
 1990 *Iziphya maculata* NEVSKY, 1929: NAST *et al.*, p. 109
 1990 *Iziphya oettingeni* QUEDNAU, 1954: NAST *et al.*, p. 109
 2004 WĘGIEREK & WOJCIECHOWSKI, p. 263
 2004 *Iziphya maculata* NEVSKY, 1929: WĘGIEREK & WOJCIECHOWSKI, p. 263
 2004 *Iziphya maculata* NEVSKY, 1929: NIETO NAFRÍA *et al.*
 2004 *Iziphya oettingeni* QUEDNAU, 1954: NIETO NAFRÍA *et al.*
 2010 *Iziphya austriaca* BÖRNER, 1950: OSIADACZ & HAŁAJ, p. 23 (No. 75)
 2010 *Iziphya maculata* NEVSKY, 1929: OSIADACZ & HAŁAJ, p. 23 (No. 78)

Host plants: *Carex* spp.

Note: *I. bufo* (WALKER, 1848) = *I. maculata* NEVSKY, 1929;
 = *I. austriaca* BÖRNER, 1950 (QUEDNAU 2010)

Genus: *Nevskya* OSSIANNILSSON, 1953

[2010 Genus: *Nevskyella* OSSIANNILSSON, 1954: OSIADACZ & HAŁAJ, p. 24]

Nevskya fungifera OSSIANNILSSON, 1953

- 1978 *Nevskyella fungifera* (OSSIANNILSSON, 1953): SZELEGIEWICZ, p. 11
 1990 *Nevskyella fungifera* (OSSIANNILSSON, 1953): NAST *et al.*, p. 109
 2004 *Nevskyella fungifera* (OSSIANNILSSON, 1953): WĘGIEREK & WOJCIECHOWSKI, p. 264
 2004 *Nevskyella fungifera* (OSSIANNILSSON, 1953): NIETO NAFRÍA *et al.*
 2010 *Nevskyella fungifera* (OSSIANNILSSON, 1953): OSIADACZ & HAŁAJ, p. 24 (No. 82)

Host plants: *Carex* spp.

Tribe: Thripsaphidini

Genus: *Thripsaphis* GILLETTE, 1917

Subgenus: *Thripsaphis* GILLETTE, 1917

Thripsaphis (Thripsaphis) caricis (MORDVILKO, 1921)

- 1968 *Synthripsaphis gerlica* (HILLE RIS LAMBERS, 1956a): SZELEGIEWICZ, p. 59
 1978 *Thripsaphis caricicola* (MORDVILKO, 1914): SZELEGIEWICZ, p. 11
 1990 *Thripsaphis caricicola* (MORDVILKO, 1914): NAST *et al.*, p. 108
 2004 *Thripsaphis (Thripsaphis) caricicola* (MORDVILKO, 1914): WĘGIEREK & WOJCIECHOWSKI, p. 264
 2004 *Thripsaphis (Thripsaphis) caricicola* (MORDVILKO, 1914): NIETO NAFRÍA *et al.*
 2010 *Thripsaphis (Thripsaphis) caricicola* (MORDVILKO, 1914): OSIADACZ & HAŁAJ, p. 26 (No. 93)

Host plants: *Carex* spp.

Subgenus: *Neobacillaphis* HUCULAK, 1968

[2010 Genus: *Neobacillaphis* HUCULAK, 1968: OSIADACZ & HAŁAJ, p. 24]

Thripsaphis (Neobacillaphis) szelegiewiczi (HUCULAK, 1968)

Subspecies:

Thripsaphis (Neobacillaphis) szelegiewiczi szelegiewiczi (HUCULAK, 1968)

1968 *Neobacillaphis szelegiewiczi* HUCULAK, 1968: SZELEGIEWICZ, p. 61
 1978 *Neobacillaphis szelegiewiczi* HUCULAK, 1968: SZELEGIEWICZ, p. 11
 1990 *Neobacillaphis szelegiewiczi* HUCULAK, 1968: NAST et al., p. 109
 2004 *Neobacillaphis szelegiewiczi* HUCULAK, 1968: WĘGIEREK & WOJCIECHOWSKI, p. 264
 2004 *Neobacillaphis* [sic!] *szelegiewiczi* HUCULAK, 1968 NIETO NAFRÍA et al.
 2010 *Neobacillaphis szelegiewiczi* HUCULAK, 1968: OSIADACZ & HAŁAJ, p. 24 (No. 81)
 Host plants: *Carex* spp.

Genus: *Allaphis* MORDVILKO, 1921

[2010 Subgenus: *Trichocallis* BÖRNER, 1930: OSIADACZ & HAŁAJ, p. 26]

Allaphis cyperi (WALKER, 1848)

Subspecies:

Allaphis cyperi cyperi (WALKER, 1848)

1968 *Trichocallis cyperi* (WALKER, 1848): SZELEGIEWICZ, p. 60
 1978 *Trichocallis cyperi* (WALKER, 1848): SZELEGIEWICZ, p. 11
 1990 *Trichocallis cyperi* (WALKER, 1848): NAST et al., p. 109
 2004 *Thripsaphis Trichocallis cyperi* (WALKER, 1848): WĘGIEREK & WOJCIECHOWSKI, p. 264
 2004 *Thripsaphis (Trichocallis) cyperi* (WALKER, 1848): NIETO NAFRÍA et al.
 2010 *Thripsaphis (Trichocallis) cyperi cyperi* (WALKER, 1848): OSIADACZ & HAŁAJ, p. 26 (No. 94)

Host plants: *Carex* spp.

Allaphis ossiannilssoni (HILLE RIS LAMBERS, 1952)

1968 *Trichocallis ossiannilssoni* (HILLE RIS LAMBERS, 1952): SZELEGIEWICZ, p. 60
 1978 *Trichocallis ossiannilssoni* (HILLE RIS LAMBERS, 1952): SZELEGIEWICZ, p. 11
 1990 *Trichocallis ossiannilssoni* (HILLE RIS LAMBERS, 1952): NAST et al., p. 109
 2004 *Thripsaphis Trichocallis ossiannilssoni* HILLE RIS LAMBERS, 1952: WĘGIEREK & WOJCIECHOWSKI, p. 264
 2004 *Thripsaphis (Trichocallis) ossiannilssoni* HILLE RIS LAMBERS, 1952: NIETO NAFRÍA et al.
 2010 *Thripsaphis (Trichocallis) ossiannilssoni ossiannilssoni* HILLE RIS LAMBERS, 1952: OSIADACZ & HAŁAJ, p. 26 (No. 95)

Host plants: *Carex* spp.

Allaphis producta (GILLETTE, 1917)

1968 *Allaphis thripsoides* (HILLE RIS LAMBERS, 1939b): SZELEGIEWICZ, p. 60
 1978 *Trichocallis caricis* (MORDVILKO, 1921): SZELEGIEWICZ, p. 11
 1990 *Trichocallis caricis* (MORDVILKO, 1921): NAST et al., p. 109
 2004 *Thripsaphis Trichocallis producta* GILLETTE, 1917: WĘGIEREK & WOJCIECHOWSKI, p. 264
 2004 *Thripsaphis (Trichocallis) producta* GILLETTE, 1917: NIETO NAFRÍA et al.
 2010 *Thripsaphis (Trichocallis) producta producta* GILLETTE, 1917: OSIADACZ & HAŁAJ, p. 26 (No. 96)

Host plants: *Carex* spp.

Allaphis verrucosa (GILLETTE, 1917)

Subspecies:

Allaphis verrucosa verrucosa (GILLETTE, 1917)1968 *Allaphis verrucosa* (GILLETTE, 1917): SZELEGIEWICZ, p. 601978 *Trichocallis verrucosa* (GILLETTE, 1917): SZELEGIEWICZ, p. 111990 *Trichocallis verrucosa* (GILLETTE, 1917): NAST et al., p. 1092004 *Thripsaphis Trichocallis verrucosa* GILLETTE, 1917: WĘGIEREK & WOJCIECHOWSKI, p. 2642004 *Thripsaphis (Trichocallis) verrucosa* GILLETTE, 1917: NIETO NAFRÍA et al.2010 *Thripsaphis (Trichocallis) verrucosa verrucosa* GILLETTE, 1917: OSIADACZ & HAŁAJ, p. 27 (No. 97)Host plants: *Carex* spp.

Subfamily: Chaitophorinae

Tribe: Chaitophorini

Genus: ***Periphyllus*** VAN DER HOEVEN, 1863*Periphyllus californiensis* SHINJI, 1917 – DZUS

2011 JUNKIERT et al.

Host plants: *Acer palmatum*, *A. japonicum*

Distribution in Poland: Kraków-Wieluń Upland (Kraków: Botanic Garden of the Jagiellonian University)

Tribe: Siphini

Genus: ***Chaetosiphella*** HILLE RIS LAMBERS, 1939*Chaetosiphella stipae* HILLE RIS LAMBERS, 1947

Subspecies:

Chaetosiphella stipae stipae HILLE RIS LAMBERS, 19471978 *Chaetosiphella stipae* HILLE RIS LAMBERS, 1947: SZELEGIEWICZ, p. 131990 *Chaetosiphella stipae* HILLE RIS LAMBERS, 1947: NAST et al., p. 1092004 *Chaetosiphella stipae* HILLE RIS LAMBERS, 1947: WĘGIEREK & WOJCIECHOWSKI, p. 2632010 *Chaetosiphella stipae* HILLE RIS LAMBERS, 1947: OSIADACZ & HAŁAJ, p. 32 (No. 133)Host plants: *Stipa* spp.

Family: APHIDIDAE

Subfamily: Aphidinae

Tribe: Rhopalosiphini

Genus: ***Rhopalosiphum*** KOCH, 1854*Rhopalosiphum oxyacanthae* (SCHRANK, 1801)1968 *Rhopalosiphum insertum* (WALKER, 1849): SZELEGIEWICZ, p. 791978 *Rhopalosiphum insertum* (WALKER, 1849): SZELEGIEWICZ, p. 161990 *Rhopalosiphum insertum* (WALKER, 1849): NAST et al., p. 111

2004 *Rhopalosiphum insertum* (WALKER, 1849): WĘGIEREK & WOJCIECHOWSKI, p. 262

2004 *Rhopalosiphum insertum* (WALKER, 1849): NIETO NAFRÍA et al.

2010 *Rhopalosiphum insertum* (WALKER, 1849): OSIADACZ & HAŁAJ, p. 41 (No. 189)

Host plants: Rosaceae/Poaceae

? *Rhopalosiphum rufiabdominalis* (SASAKI, 1899) – ref.

2008 ŁABANOWSKI, p. 32

Host plants: *Fressia* spp.

Distribution in Poland: Wielkopolsko-Kujawska Lowland (Wagancie near Toruń)

Genus: *Schizaphis* BÖRNER, 1931

Subgenus: *Schizachis* BÖRNER, 1931

? *Schizachis (Schizachis) rotundiventris* (SIGNORET, 1860) – ref.

2008 *Schizachis rotundiventris* (SIGNORET, 1860) ŁABANOWSKI, p. 33

Host plants: *Chrysalidocarpus lutescens*

Distribution in Poland: Mazovian Lowland (Skierniewice)

Tribe: Aphidini

Genus: *Aphis* LINNAEUS, 1758

Subgenus: *Aphis* LINNAEUS, 1758

? *Aphis (Aphis) nerii* BOYER DE FONSCOLOMBE, 1841 – ref.

2008 *Aphis* BOYER DE FONSCOLOMBE, 1841 ŁABANOWSKI, p. 25

Host plants: *Nerium oleander*

Distribution in Poland: Mazovian Lowland (Experimental Glasshouse Research Department of the Research Institute of Vegetable Crops and Horticultural Farm Tomaszewski)

? *Aphis (Aphis) spiraecola* PATCH, 1914 – ref.

2008 *Aphis spiraecola* PATCH, 1914 = *A. citricola* VAN DER GOOT, 1912: ŁABANOWSKI, p. 25

Host plants: *Kalanchoe blossfeldiana*, *Polyscias fabiana*, *Schefflera arboricola*

Distribution in Poland: Mazovian Lowland (Horticultural Plant Breeding Station in Waliszewo near Nowy Dwór Mazowiecki, Experimental Glasshouse Research Department of the Research Institute of Vegetable Crops and Horticultural Farm Tomaszewski)

Genus: *Toxoptera* KOCH, 1856

? *Toxoptera aurantii* (BOYER DE FONSCOLOMBE, 1841) – ref.

2008 ŁABANOWSKI, p. 34

Host plants: *Schefflera arbuticola*

Distribution in Poland: Mazovian Lowland (Experimental Glasshouse Research Department of the Research Institute of Vegetable Crops and Horticultural Farm Tomaszewski)

Subfamily: Macrosiphinae

Tribe: Macrosiphini

Genus: *Brachycaudus* VAN DER GOOT, 1913

Subgenus: *Mordvilkomemor* SHAPOSHNIKOV, 1950

Brachycaudus (Mordvilkomemor) sedi (JACOB, 1964) – DZUS

2011 *Brachycaudus (Thuleaphis) sedi* (JACOB, 1964): IMIOLCZYK-CESAK et al., p. 187

Host plant: *Rhodiola rosea*

Distribution in Poland: Tatra Mountains (Tatra National Park)

Genus: *Hyadaphis* KIRKALDY, 1904

Hyadaphis bicincta BÖRNER, 1942 – DZUS

2011 IMIOLCZYK-CESAK et al., p. 187

Host plants: *Lonicera nigra*

Distribution in Poland: Tatra Mountains (Tatra National Park)

Genus: *Macrosiphum* PASSERINI, 1860

Subgenus: *Macrosiphum* PASSERINI, 1860

Macrosiphum (Macrosiphum) atragenae HOLMAN, 1980 – DZUS

2011 *Macrosiphum atragenae* HOLMAN, 1980: IMIOLCZYK-CESAK et al., p. 188

Host plants: *Clematis alpina*

Distribution in Poland: Tatra Mountains (Tatra National Park)

**Macrosiphum (Macrosiphum) holmani* LECLANT, 1972 – MIIZ

Host plants: *Sanicula europaea*

Distribution in Poland: Pieniny Mountains (Trzy Korony, 14 IX 1964; leg., det. H. SZELEGIEWICZ)

Genus: *Uroleucon* MORDVILKO, 1914

Subgenus: *Uroleucon* MORDVILKO, 1914

Uroleucon leontodotis (HILLE RIS LAMBERS, 1939) – DZUS

2012 DEPA & MRÓZ

Host plants: *Lontodon* spp.

Distribution in Poland: Upper Silesia (Piekary Śląskie)

Subgenus: *Uromelan* MORDVILKO, 1914

**Uroleucon (Uromelan) minosmartellii* BARBAGALLO & PATTI, 1994

– DEEPULS

Host plants: *Campanula sibirica*

Distribution in Poland: Lublin Upland (Żmudź nature reserve, 7 VII 2010)

Tribe: Pterocommatini

Genus: *Neopterocomma* HILLE RIS LAMBERS, 1935

**Neopterocomma verhoeveni* HILLE RIS LAMBERS, 1956

– DEEPULS

Host plants: *Salix* sp. (hybrid willows ‘narrow-leaf’)

Distribution in Poland: Lublin Upland (Kamień near Opole Lubelskie, 8 X 2008)

Family: LACHNIDAE

Subfamily: Lachninae

Tribe: Stomaphini

Genus: *Stomaphis* WALKER, 1870

Stomaphis wojciechowskii DEPA, 2012 – DZUS

2012 DEPA et al.

Host plants: *Quercus robur*

Distribution in Poland: Upper Silesia (Piekary Śląskie – locus typicus!), Sandomierz Lowland (Bratkowice, Lubaczów, Sieniawa)

Subfamily: Eulachninae

Tribe: Eulachnini

Genus: *Eulachnus* DEL GUERCIO, 1909

Eulachnus nigricola (PAŠEK, 1953) – DZUS

2011 IMIOLCZYK-CESSAK et al., p. 186

Host plants: *Pinus mugo*

Distribution in Poland: Tatra Mountains (Tatra National Park)

Tribe: Cinarini

Genus: *Cinara* CURTIS, 1835

Cinara fresai (BLANCHARD, 1939)

2012 DURAK

Host plants: *Juniperus scopulorum*

Distribution in Poland: Eastern Beskidy Mountains

Tab. Update host plant index with aphid taxa

Uzupełnienie indeksu roślin żywicielskich wraz z gatunkami mszyc

<i>Acer japonicum</i> <i>Periphyllus californiensis</i>	<i>Nerium oleander</i> <i>Aphis (Aphis) nerii</i>
<i>Acer palmatum</i> <i>Periphyllus californiensis</i>	<i>Pinus mugo</i> <i>Eulachnus nigricola</i>
<i>Campanula sibirica</i> <i>Uroleucon (Uromelan) minosmartellii</i>	<i>Polyscias fabiana</i> <i>Aphis (Aphis) spiraecola</i>
<i>Chrysalidocarpus lutescens</i> <i>Schizachis (Schizachis) rotundiventris</i>	<i>Quercus robur</i> <i>Stomaphis wojciechowskii</i>
<i>Clematis alpine</i> <i>Macrosiphum (Macrosiphum) atragenae</i>	<i>Rhodiola rosea</i> <i>Brachycaudus (Mordvilkomemor) sedi</i>
<i>Freesia</i> spp. <i>Rhopalosiphum rufiabdominalis</i> <i>Tetraneura (Tetraneura) nigriabdominalis</i>	<i>Salix</i> sp. (hybrid willows 'narrow-leaf') <i>Neopterocomma verhoeveni</i>
<i>Juniperus scopulorum</i> <i>Cinara fresai</i>	<i>Sanicula europaea</i> <i>Macrosiphum (Macrosiphum) holmani</i>
<i>Kalanchoe blossfeldiana</i> <i>Aphis (Aphis) spiraecola</i>	<i>Schefflera arboricola</i> <i>Aphis (Aphis) spiraecola</i> <i>Toxoptera aurantii</i>
<i>Leontodon</i> spp. <i>Uroleucon leontodontis</i>	<i>Vitis</i> spp. <i>Viteus vitifoliae</i>
<i>Lonicera nigra</i> <i>Hyadaphis bicincta</i>	

STRESZCZENIE

Wykaz obejmuje 28 gatunków i podgatunków mszyc, z których 12 pierwszy raz podano z Polski po 2010 roku: *Brachycaudus (Mordvilkomemor) sedi*, *Cinara fresai*, *Eulachnus nigricola*, *Hyadaphis bicincta*, *Macrosiphum (M.) atragenae*, *M. (M.) holmani*, *Neopterocomma verhoeveni*, *Periphyllus californiensis*, *Uroleucon leontodontis*, *U. (Uromelan) minosmartellii*, *Stomaphis wojciechowskii*, *Viteus vitifoliae*. W przypadku 10 taksonów zmiany dotyczyły synonimiki nomenklaturycznej: *Iziphya bufo*, *Nevskya fungifera*, *Rhopalosiphum oxyacanthae*, *Thripsaphis (T.) caricis* lub synonimiki taksonomicznej: *Allaphis cyperi cyperi*,

A. ossiannilssoni, *A. producta*, *A. verrucosa verrucosa*, *Chaetosiphella stipae stipae*, *Thripsaphis* (*Neobacillaphis*) *szelegiewiczi*. Ponadto wymieniono 6 gatunków, które do tej pory obserwowane były jedynie w warunkach doświadczalnych: *Aphis* (*A.*) *nerii*, *A.* (*A.*) *spirae-cola*, *Rhopalosiphum rufiabdominalis*, *Schizachis* (*S.*) *rotundiventris*, *Tetraneura* (*T.*) *nigriabdominalis*, *Toxoptera aurantii*.

Uwzględniając powyższe dane do tej pory odnotowano w Polsce 757 gatunków i podgatunków Aphidomorpha należących do 176 rodzajów.

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