

## Update to the *Registers of family-group and genus-group taxa of Aphidoidea (Hemiptera, Sternorrhyncha)*

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### ABSTRACT

Errors and omissions to the *Registers of family-group and genus-group taxa of Aphidoidea (Hemiptera Sternorrhyncha)* are amended and new information made available in 2011, 2012 and 2013 is added. The former data are presented in two lists, one for minor corrections, and the other for corrections with important nomenclatural or taxonomic significance. The additions are presented in a third list. Also, *Neoaulacorthum* Lee (W.) & Lee (S.), 2011 is shown to be a synonym of *Pseudomegoura* Shinji, 1928, and the consequent combinations are presented: *Pseudomegoura magnoliae* (Essig & Kuwana, 1918) **comb. nov.**, and *P. nipponica* (Essig & Kuwana, 1918) **comb. nov.**

**Key words:** Aphids, families, genera, species, nomenclature, taxonomy, new synonymy, new combination.

**Puesta al día de Registros de los taxones del nivel familia y del nivel género de Aphidoidea (Hemiptera, Sternorrhyncha)**

### RESUMEN

Se corrigen las erratas e incorrecciones observadas en *Registros de los taxones del nivel familia y del nivel género de Aphidoidea (Hemiptera Sternorrhyncha)* y se añade la información publicada durante 2011, 2012 y 2013. Aquéllas se presentan en dos listas, una para las correcciones menores y otra para las correcciones con una cierta importancia nomenclatural y taxonómica. Las adiciones se presentan en una tercera lista. También, se establece que *Neoaulacorthum* Lee (W.) & Lee (S.), 2011 es sinónimo de *Pseudomegoura* Shinji, 1928, y consecuentemente las nuevas combinaciones: *Pseudomegoura magnoliae* (Essig & Kuwana, 1918) **comb. nov.** y *P. nipponica* (Essig & Kuwana, 1918) **comb. nov.**

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**Palabras clave:** Pulgones, áfidos, familias, géneros, especies, nomenclatura, taxonomía, nueva sinonimia, nueva combinación.

## INTRODUCTION

Despite authors' and editors' best intentions, scientific monographs are never without misprint, confusion, or omission. Monograph contents also become outdated quickly and, due to their perceived comprehensiveness, readers sometimes overlook newer sources of data.

Shortly after the publication of the bilingual English and Spanish monograph, *Registers of family-group and genus-group taxa of Aphidoidea / Registros de los taxones del nivel familia y del nivel género de Aphidoidea (Hemiptera Sternorrhyncha)* (NIETO NAFRÍA & FAVRET, 2011) (hereafter, *Registers*), we became aware of a few errors of minor importance. Over the following months we found others, some with significant nomenclatural or taxonomic consequences.

Additionally, since the publication of the *Registers*, aphid taxonomic work continued apace with the description of new taxa, the modified status of others, especially fossil taxa, and the publication of other nomenclatural decisions (e.g., BLACKMAN *et al.*, 2011; CHEN *et al.*, 2011; LEE *et al.*, 2011; HEIE & WEGIEREK, 2011; SUGIMOTO, 2011; WANG *et al.*, 2011; WEGIEREK & ŻYLA, 2011).

We here present modifications to the *Registers* to correct errors and clarify confusing information, and to add missing names and nomenclatural acts published prior to the cut-off date of the *Registers*, 1 January 2011. We also take the opportunity to bring the *Registers* up to date by adding names and nomenclatural and taxonomic data published during 2011, 2012, and 2013. In some cases older names, previously outside the taxonomic scope of the *Registers*, were brought within the scope during 2011 and 2013, and are therefore included here. The modifications to the *Registers* are presented in two lists, the first for minor corrections with little to no nomenclatural or taxonomic significance, the second for those that do have such importance. A third list presents the data published in the three years following publication of the *Registers*.

While preparing the list of recent updates, we noticed that the genus-group name *Neoaulacorthum* Lee (W.) & Lee (S.) had been erected (LEE *et al.*, 2011) in synonymy with *Pseudomegoura* Shinji, 1928. The type species designated for *Neoaulacorthum*, *Rhopalosiphum magnoliae* Essig & Kuwana, 1918, had already been established as a senior synonym of the type species of *Pseudomegoura*, *Macrosiphum nishikigi* Shinji, 1928. In erecting *Neoau-*

*lacorthum*, the authors had implicitly validated *Pseudomegoura*, which has priority. *Pseudomegoura* currently contains two valid species: *Pseudomegoura magnoliae* (Essig & Kuwana, 1918) **comb. nov.** and *P. nipponica* (Essig & Kuwana, 1918) **comb. nov.**

Shorthand symbols are used in these lists: “...” refers to omitted text, “/” refers to the next line of text, and “//” refers to the next subsection of a particular name’s entry (e.g., type species, objective status). Changes in numbers (e.g., the number of genera described by various authors in the text or tables of the *Registers*) are not included here.

Nomenclatural and taxonomic corrections and updates presented here are integrated, with reference data, into *Aphid Species File* (FAVRET, 2014).

## LISTS OF CORRECTIONS AND ADDITIONS

### LIST 1 — MINOR CORRECTIONS

Pages 11–463; footer

Text as published.—2010

Corrected text.—2011

Page 10; PAGE 82

Text as published.—Cover and page 451 ... *Regna Tri Naturae*, ...

Corrected text.—Cover and page 451 ... *Regna Tria Naturae*, ...

Page 10; PÁGINA 82

Text as published.—Cover and page 451 ... *Regna Tri Naturae*, ...

Corrected text.—Cover and page 451 ... *Regna Tria Naturae*, ...

Page 20; Table P-1, left part

Text as published.—Parachaitophoridae

Corrected text.—Parachaitophorinae

Page 25; 2<sup>nd</sup> paragraph

Text as published.—also excluded are other related families: ...

Corrected text.—[Addition of DRACAPHIDIDAE. See the complete modified list of excluded families in the section “Additions”]

Page 33; 2<sup>nd</sup> paragraph: *Chronology*...

Text as published.—..., Mordvilko, Baker, Oestlund, ...

Corrected text.—..., Mordvilko, Baker (A.C.), Oestlund, ...

Page 33; 5<sup>th</sup> paragraph: *Authorities*...

Text as published.—..., Mordvilko, Baker and Herrich-Schaeffer), ...

Corrected text.—..., Mordvilko, Baker (A.C.) and Herrich-Schaeffer), ...

Page 38; Table F-2

Text as published.—Zhang (J.), Zhang (S.), Hou, Ma

Corrected text.—Zhang (J.-f.), Zhang (S.), Hou, Ma

- Page 39; 2<sup>nd</sup> paragraph  
Text as published.—...; y tampoco lo están otras familias emparentadas, por orden alfabético:  
Corrected text.—[Addition of DRACAPHIDIDAE. See the complete modified list of excluded families in the “Additions” list, below]
- Page 45; 1<sup>st</sup> paragraph: *Cantidad de casos...*  
Text as published.—..., and Aphidae Baker.  
Corrected text.—..., and Aphidae Baker (A.C.).
- Page 46; 2<sup>nd</sup> paragraph: *Cronología...*  
Text as published.—..., Mordvilko, Baker, Oestlund ...  
Corrected text.—..., Mordvilko, Baker (A.C.), Oestlund ...
- Page 46; 5<sup>th</sup> paragraph: *Autorias...*  
Text as published.—..., Mordvilko, Baker and Herrich-Schaeffer) son ...  
Corrected text.—..., Mordvilko, Baker (A.C.) y Herrich-Schaeffer) son ...
- Page 49; ANOMALAPHID\_  
Text as published.—Type genus: *Anomalaphis* Baker, 1920  
Corrected text.—Type genus: *Anomalaphis* Baker (A.C.), 1920.
- Page 49; APHID\_  
Text as published.—Useful information about... and Aphidae Baker in the list of unavailable names.  
Corrected text.—Useful information about... and Aphidae Baker (A.C.) in the list of unavailable names.
- Page 49; CALLAPHID\_  
Text as published.—[Entry on page 49]  
Corrected text.—[Move to page 52]
- Page 57; FORD\_  
Text as published.—Subjective status: ... MELAPHID\_ Baker, 1920, ...  
Corrected text.—Subjective status: ... MELAPHID\_ Baker (A.C.), 1920, ...
- Page 60; MACROSIPH\_  
Text as published.—MACROSIPHINI Wilson, 1910 (1887)  
Corrected text.—MACROSIPH\_ Wilson, 1910 (1887)
- Page 60; MACROSIPH\_2  
Text as published.—Subjective status: ..., EICHINAPHID\_ Narzikulov, 1963, LIOSOMAPHID\_ Börner, 1930, ... NEANURAPHID\_ Narzikulov, 1970, PENTALON\_ Baker, 1920, PHORODONT\_ Börner, 1944, SITOBION\_ Börner, 1952, ...  
Corrected text.—Subjective status: ..., EICHINAPHID\_ Narzikulov, 1963, FULLAWAY\_ Baker (A.C.), LIOSOMAPHID\_ Börner, 1930, ... NEANURAPHID\_ Narzikulov, 1970, PADUCL\_ Szelegiewicz, 1965, PENTALONI\_ Baker (A.C.), 1920, PHORODONT\_ Börner, 1944, PTEROCOMMAT\_ Wilson, 1910, SITOBION\_ Börner, 1952, ...
- Page 68; PROTRAM\_  
Text as published.—Type genus: *Protrama* Baker, 1920.  
Corrected text.—Type genus: *Protrama* Baker (A.C.), 1920.
- Page 73; TAMALI\_  
Text as published.—Type genus: *Tamalia* Baker, 1920.  
Corrected text.—Type genus: *Tamalia* Baker (A.C.), 1920.
- Page 82; TOXOPTERIDEN Herrich-Schaeffer, 1854  
Text as published.—... if was established in 1856]

- Corrected text.—... if was established in 1857]
- Page 82; Figure legend  
Text as published.—... *Per Regna Tri Naturae*, ...  
Corrected text.—... *Per Regna Tria Naturae*, ...
- Page 83; Figure legend  
Text as published.—... *Per Regna Tri Naturae*, ...  
Corrected text.—... *Per Regna Tria Naturae*, ...
- Page 101; Table G-3  
Text as published.—... / Essig & Kuwana / Fernie / ...  
Corrected text.—... / Essig & Kuwana / Fang & Qiao / Fernie / ...
- Page 102; Table G-3, 2<sup>nd</sup> column  
Text as published.—MacVicar Baker  
Corrected text.—Baker (J.M.)
- Page 102; Table G-3, 3<sup>rd</sup> column  
Text as published.—... / Remaudière & Tao / Ren, Lu & Ji / Richards / ...  
Corrected text.—... / Remaudière & Tao / Ren / Richards / ...
- Page 103; Table G-3  
Text as published.—... / Szépligeti / Takagi / ... / Weswood / ... / Zhang (L.) & Zhank (G.-x.) / ...  
Corrected text.—... / Szépligeti / Szewo & Osiadacz / Takagi / ... / Westwood / ... / Zhang (L.-k.) & Zhank (G.-x.) / ...
- Page 104; Table G-4  
Text as published.—Ghosh, Ashis Kumar  
Corrected text.—Ghosh, Ashish Kumar
- Page 108; Table G-6  
Text as published.—Ghosh, Ashis Kumar  
Corrected text.—Ghosh, Ashish Kumar
- Page 140; *Aphis*  
Text as published.—Taxonomic position: ... With subgenera *Aphis*, *Bursaphis* MacVicar Baker, 1934, ...  
Corrected text.—Taxonomic position: ... With subgenera *Aphis*, *Bursaphis* Baker (J.M.), 1934, ...
- Page 157; *Bursaphis*  
Text as published.—*Bursaphis* MacVicar Baker, 1934  
Corrected text.—*Bursaphis* Baker (J.M.), 1934
- Page 175; *Cinara*  
Text as published.—Subjective status: ... *Indocinara* Ghosh (A.K.), Basu (R.C.) & D.N. Raychaudhuri (D.N.), 1969, ...  
Corrected text.—Subjective status: ... *Indocinara* Ghosh (A.K.), Basu (R.C.) & Raychaudhuri (D.N.), 1969, ...
- Page 183; *Cuernavaca*  
Text as published.—*Cuernavaca* MacVicar Baker, 1934 // ... // ... // Type species: *Cuernavaca mexicana* MacVicar Baker, 1934; ...  
Corrected text.—*Cuernavaca* Baker (J.M.), 1934 // ... // ... // Type species: *Cuernavaca mexicana* Baker (J.M.), 1934; ...
- Page 190; *Diuraphis*  
Text as published.—Useful information about the objective status: ... MacVicar Baker, 1934.

- Corrected text.—Useful information about the objective status: ... Baker (J.M.), 1934.  
 Page 211; *Geranichon*  
 Text as published.—Taxonomic position: ... *incertae sedis*  
 Corrected text.—Taxonomic position: ... *incertae sedis*.
- Page 211; *Germaraphis*  
 Text as published.—Taxonomic position: ... Heie, 1967  
 Corrected text.—Taxonomic position: ... Heie, 1967.
- Page 213; *Glyphina*  
 Text as published.—Taxonomic position: Aphididae Thelaxinae.  
 Corrected text.—Taxonomic position: Aphididae Thelaxinae Thelaxini.
- Page 218; *Heminipponaphis*  
 Text as published.—Subjective status: ...Gosh (L.K.) ...  
 Corrected text.—Subjective status: ...Ghosh (L.K.) ...
- Page 234; *Kurisakia*  
 Text as published.—Taxonomic position: Aphididae Thelaxinae.  
 Corrected text.—Taxonomic position: Aphididae Thelaxinae Thelaxini.
- Page 235; *Lacusaphis*  
 Text as published.—Publication reference: Zhang (L.) & ... // ... // Type species: ...  
 Zhang (L.) & ...  
 Corrected text.—Publication reference: Zhang (L.-k.) & ... // ... // Type species: ...  
 Zhang (L.-k.) & ...
- Page 258; *Metopolophinum*  
 Text as published.—Type species: ... Gosh (L.K.), ...  
 Corrected text.—Type species: ... Ghosh (L.K.), ..
- Page 267; *Mutillaphis*  
 Text as published.—*Mutillaphis* Zhang (L.) & Zang (G.-x.), 2001 // ... // ... // Type  
 species: ... Zhang (L.) & Zang (G.-x.), 2001; ...  
 Corrected text.—*Mutillaphis* Zhang (L.-k.) & Zang (G.-x.), 2001 // ... // ... // Type  
 species: ... Zhang (L.-k.) & Zang (G.-x.), 2001; ...
- Page 285; *Neothelaxes*  
 Text as published.—Taxonomic position: Aphididae Thelaxinae.  
 Corrected text.—Taxonomic position: Aphididae Thelaxinae Thelaxini.
- Page 299; *Palaeothelaxes*  
 Text as published.—Taxonomic position: Aphididae Thelaxinae.  
 Corrected text.—Taxonomic position: Aphididae Thelaxinae Thelaxini.
- Page 325; *Pseudothoracaphis*  
 Text as published.—Type species: ... Gosh (L.K.) ...  
 Corrected text.—Type species: ... Ghosh (L.K.) ...
- Page 341; *Schoutedenum*  
 Text as published.—Objective status: Available but invalid valid ...  
 Corrected text.—Objective status: Available but invalid ...
- Page 368; *Thelaxes*  
 Text as published.—Taxonomic position: Aphididae Thelaxinae.  
 Corrected text.—Taxonomic position: Aphididae Thelaxinae Thelaxini.
- Page 418; 4<sup>th</sup> paragraph from below  
 Text as published.—Por desgracia la mayoría ... al mencionado artículo a su equiva-  
 lente ...  
 Corrected text.—Por desgracia la mayoría ... al mencionado artículo o su equivalente ...

- Page 420; 4)  
Text as published.—..., “Báltico” en *Baltichaitophorus* [mar], ...  
Corrected text.—..., “Báltico” [mar] en *Baltichaitophorus*, ...
- Page 420; 5)  
Text as published.—... en la mitología griega que habitan en los árboles, en *Hamadryaphis*.  
Corrected text.—... en la mitología griega, en *Hamadryaphis*.
- Page 426; *Blanchardaphis*  
Text as published.—(Everard E.) Blanchard ...  
Corrected text.—(Everard Eel) Blanchard ...
- Page 426; *Blanchardia*  
Text as published.—(Everard E.) Blanchard ...  
Corrected text.—(Everard Eel) Blanchard ...
- Page 435; *Eumacrosiphum*  
Text as published.—*Eumacrosiphum* / Greek eû ‘true’ ‘normal’ + *Macrosiphum*  
Corrected text.—*Eumaerosiphum* / Greek eû ‘true’ ‘normal’ + *Macrosiphum*, with the mistake “e” for “c”
- Page 457; *Siphonatrophia*  
Text as published.—... siphon ...  
Corrected text.—... siphōn ...

## LIST 2.—IMPORTANT CORRECTIONS

- Page 51; *BALTICHAITOPHOR\_*  
Text as published.—Subjective status: Valid, *BALTICHAITOPHORINAE*.  
Corrected text.—Subjective status: Valid, *BALTICHAITOPHORINAE*; Senior synonym of *PARACHAITOPHOR\_* Quednau & Remaudière, 1994.
- Page 53; *CANADAPHID\_*  
Text as published.—Original spelling: *Canadaphididae*  
Corrected text.—Original spelling: *Canadaphidinae*.
- Page 53; *CERVAPHID\_*  
Text as published.—Original spelling: *Cervaphidini*.  
Corrected text.—Original spelling: *Cervaphidina*.
- Page 55; *DACTYNOT\_*  
Text as published.—Publication reference: ..., 1 (2): 161.  
Corrected text.—Publication reference: ..., 1 (2): 162.
- Page 56; *EULACHN\_*  
Text as published.—Original spelling: *Eulachnini*.  
Corrected text.—Original spelling: *Eulachnina*.
- Page 57; *FULLAWAY\_*  
Text as published.—Subjective status: Junior synonym of *PTEROCOMMATINAE*.  
Corrected text.—Subjective status: Junior synonym of *MACROSIPH\_* Wilson 1910 (1887).
- Page 58; *HYALOPTER\_*  
Text as published.—*HYALOPTER\_* Oestlund, 1923 // Publication reference: Nineteenth report of the State Entomologist of Minnesota - 1922: 124. // Original spelling *Hyalopterini*.

- Corrected text.—HYALOPTER\_ Oestlund, 1920 // Publication reference: Eighteenth report of the State Entomologist of Minnesota: 69. // Original spelling Hyalopterii.
- Page 62; MYZOXYL\_  
Text as published.—Original spelling: Myzoxylidés (as Family) – Latinized (Article 11.7.2) as MYZOXYLINAЕ by Horváth, 1896, Wiener Entomologische Zeitung, 15 (1): 2.  
Corrected text.—Original spelling: Myzoxylidés (as Family) – Latinized (Article 11.7.2) as MYZOXYLINAЕ by Thomas, 1877, Transactions of the Illinois State Horticultural Society, 10 [1876]: 182.
- Page 65; PADUCL\_  
Text as published.—Subjective status: Junior synonym of PTEROCOMMATINAE.  
Corrected text.—Subjective status: Junior synonym of MACROSIPH\_ Wilson 1910 (1887).
- Page 65; PANAPHID\_  
Text as published.—Original spelling: Panaphidini.  
Corrected text.—Original spelling: Panaphidii.
- Page 66; PARACHAITOPHOR\_  
Text as published.—Subjective status: Junior synonym of PARACHAITOPHORINAE.  
Corrected text.—Subjective status: Junior synonym of BALTICHAITOPHORINAE.
- Page 66; PEMPHIG\_  
Text as published.—Original spelling: Pemphiden (as Family) – ...  
Corrected text.—Original spelling: Pemphigiden (as Family) – ...
- Page 67; PENTALON\_  
Text as published.—PENTALON\_  
Corrected text.—PENTALONI\_
- Pages 67-68; PHYLLAPHID\_  
Text as published.—Original spelling: Phyllaphidinem (as Family) – Latinized (Article 11.7.2) as PHYLLAPHIDINA by Baker (A.C.), 1920, Bulletin of the United States Department of Agriculture, 826: 23.  
Corrected text.—Original spelling: Phyllaphiden (as Family) – Latinized (Article 11.7.2) as PHYLLAPHIDINA by Oestlund, 1919, Seventeenth Report of the State Entomologist of Minnesota: 66.
- Page 68; PROCIPHIL\_  
Text as published.—Original spelling: ... – Latinized (Article 11.7.2) as PROCIPHILLINA by Baker (A.C.), 1920, Bulletin of the United States Department of Agriculture, 826: 65.  
Corrected text.—Original spelling: ... – Latinized (Article 11.7.2) as PROCIPHILINI by Oestlund, 1919, Seventeenth Report of the State Entomologist of Minnesota: 70.
- Page 69; PTEROCOMMAT\_  
Text as published.—Original spelling: Pterocommatini. // ... // ... // Subjective status: Valid, PTEROCOMMATINAE; Senior synonym of FULLAWAY\_ Baker (A.C.), 1920, and PADUCL\_ Szelegiewicz, 1965. // Taxonomic position: APHIDIDAE.  
Corrected text.—Original spelling: Pterocommini. // ... // ... // Subjective status: Junior synonym of MACROSIPH\_ Wilson 1910 (1887).
- Page 70; RHOPALOSIPH\_  
Text as published.—Subjective status: ...; Senior synonym of HYALOPTER\_ Oestlund, 1923.  
Corrected text.—Subjective status: ...; Senior synonym of HYALOPTER\_ Oestlund, 1920.



- Page 72; SPICAPHID\_  
Text as published.—Original spelling: Spicaphidina.  
Corrected text.—Original spelling: Spicaphina.
- Page 73; TETRANEUR\_  
Text as published.—Original spelling: Tetraneuriden (as Family) – Latinized ... of Agriculture, 826: 65.  
Corrected text.—Original spelling: Tetranevriden (as Family) – Latinized... of Agriculture, 826: 65, footnote.
- Page 74; TRAM\_  
Text as published.—Original spelling: Tramini – ...  
Corrected text.—Original spelling: Tramiden – ...
- Page 78; ESSIGELLINA  
Text as published.—[WITHOUT ENTRY]  
Corrected text.—ESSIGELLINA Mamontova, 2008 // Publication reference: Evolyutsiya filogenez sistema tley semeystva lyakhnid (Homoptera, Aphidoidea, Lachnidae): 187 // Name-bearing genus name: *Essigella* Del Guercio, 1909 // Cause of unavailability: the name was not by a description or definition that states in words characters that are purported to differentiate the taxon (Article 13.1.1).
- Page 140; *Aphis*  
Text as published.—Taxonomic position: ..., 1934, *Pseudoprotaphis* ...  
Corrected text.—Taxonomic position: ..., 1934, *Maculaphis* Zhanng (L.-k.) & Zhang (G.-x.), 2002, *Pseudoprotaphis* ...
- Page 146; *Atarsaphis*  
Text as published.—Subjective status: Valid. // Taxonomic position: Aphididae Hormaphidinae Nipponaphidinae.  
Corrected text.—Subjective status: Junior synonym of *Quadrartus* Monzen, 1954.
- Page 155; *Brasilaphis*  
Text as published.—Type species: *Brasilaphis bondari* Mordvilko, 1930; by original designation.  
Corrected text.—Type species: *Brasilaphis bondari* Mordvilko, 1930; by monotypy.
- Page 156; *Brevicoryne*  
Text as published.—Type species: ...; by monotypy.  
Corrected text.—Type species: ...; by subsequent designation (Baker (A.C.), 1920: 45).
- Page 160; *Canadaphis*  
Text as published.—*Canadaphis* Essig, 1937 // Publication reference: Carpenter, University of Toronto Studies in Geology Series, 40: 19.  
Corrected text.—*Canadaphis* Essig, 1938 // Publication reference: Carpenter, Folsom, Essig, Kinsey, Brues, Boesel & Ewing, University of Toronto Studies, Geological Series, 40 [1937]: 19.
- Page 167; *Cerosipha*  
Text as published.—Type species: ...; by original designation.  
Corrected text.—Type species: ...; by monotypy.
- Page 184; *Cyrtomyzus*  
Text as published.—Type species: ...; by original designation.  
Corrected text.—Type species: ...; by original designation; junior synonym of *Myzus padellus* Hille Ris Lambers & Rogerson, 1946.
- Page 187; *Desiforda*  
Text as published.—Type species: *Desiforda echnochloapha* ...

- Corrected text.—Type species: *Desiforda echnochloaphaga* ...
- Page 189; *Diphorodon*  
Text as published.—Subjective status: Junior synonym of *Paraphorodon* Tseng & Tao, 1938.  
Corrected text.—Subjective status: Valid. // Taxonomic position: Aphididae Aphidinae Macrosiphini.
- Page 190; *Ditrichosiphon*  
Text as published.—Subjective status: junior synonym of *Metatrichosiphon* Raychaudhuri (D.N.), 1956.  
Corrected text.—Subjective status: Valid. // Taxonomic position: Aphididae Greenideinae Greenideini – Subgenus of *Eutrichosiphum* Essig & Kuwana, 1918.
- Page 198; *Eoessigia*  
Text as published.—Subjective status: Valid – Senior synonym of *Raychaudhuriella* Chakrabarti, 1978.  
Corrected text.—Subjective status: Valid – Senior synonym of *Raychaudhuriella* Chakrabarti, 1978, and *Indotuberaphis* Chakrabarti & Maity, 1984.
- Page 202; *Eucallipterus*  
Text as published.—Publication reference: Annales de la Société Entomologique de Belgique, 50: 31. // ... // Type species: ...; by original designation.  
Corrected text.—Publication reference: Mémoires de la Société Entomologique de Belgique, 12: 210. // ... // Type species: ...; by monotypy.
- Page 205; *Eutrichosiphum*  
Text as published.—Taxonomic position: Aphididae Greenideinae Greenideini. With subgenera *Eutrichosiphum*, and *Ditrichosiphon* Raychaudhuri (D.N.), 1956.  
Corrected text.—Taxonomic position: Aphididae Greenideinae Greenideini.
- Page 208; *Fullawaya*  
Text as published.—Taxonomic position: Aphididae Pterocommatinae.  
Corrected text.—Taxonomic position: Aphididae Aphidinae Macrosiphini.
- Page 221; *Hongocallis* Wegierek  
Text as published.—*Hongocallis*, Wegierek, 2010 // Publication reference: Genus, 21 (1): 11. // ... // ... // Objective status: Available & potentially valid. // Useful information about the objective status: Replacement name (*nomen novum*) for *Sinocallis* Hong, 2002. // Subjective status: Valid. // Taxonomic position: Aphididae Drepanosiphinae.  
Corrected text.—*Hongocallis* Wegierek, 2010 // Publication reference: Genus, International Journal of Invertebrate Taxonomy, 21 (1): 11. // ... // ... // Objective status: Available but invalid — Junior homonym of *Hongocallis* Zhang (Z.-j.), 2009. // Useful information about the objective status: Replacement name (*nomen novum*) for *Sinocallis* Hong, 2002. Objective junior synonym of *Hongocallis* Zhang (Z.-j.), 2009.
- Page 221; *Hongocallis* Zhang  
Text as published.—[WITHOUT ENTRY]  
Corrected text.—*Hongocallis* Zhang (Z.-j.), 2009 // Publication reference: Zhang (Z.-j.) & Hong, Redia, 92: 113. // Described as genus. // Type species: *Sinocallis clypeolata* Hong, 2002. // Objective status: Available & potentially valid. // Useful information about the objective status: Replacement name (*nomen novum*) for *Sinocallis* Hong, 2002. Senior objective synonym of *Hongocallis* Wegierek, 2010. // Subjective status: Valid. Taxonomic position: Aphididae (Drepanosiphidae complex sensu Heie).
- Page 228; *Indotuberoaphis*  
Text as published.—Subjective status: Valid.
- Boln. Asoc. esp. Ent.*, 38 (1-2): 1-23, 2014

- Corrected text.—Subjective status: junior synonym of *Eoessigia* David, Rajasingh & Narayanan, 1972.
- Page 229; *Iranaphias*  
Text as published.—Type species: ... by original designation.  
Corrected text.—Type species: ... by monotypy.
- Page 241; *Lithaphis*  
Text as published.—Subjective status: Valid. // Taxonomic position: Aphididae Drepanosiphinae.  
Corrected text.—Subjective status: Junior synonym of *Siphonophoroides* Buckton, 1883.
- Page 247; *Macrosiphum* Del Guercio  
Text as published.—Objective status: Available but invalid – ... *Macrosiphum* Oestlund, 1861.  
Corrected text.—Objective status: Available but invalid – ... *Macrosiphum* Oestlund, 1886.
- Page 248; *Maculaphis*  
Text as published.—[WITHOUT ENTRY]  
Corrected text.—*Maculaphis* Zhang (L.-k.) & Zhang (G.-x.), 2002 // Publication reference: Acta Zootaxonomica Sinica, 27 (3): 540. // Described as subgenus of *Aphis* Linnaeus 1758. // Type species: *Cerosipha ichigocola* Shinji, 1924; by original designation. // Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphididae Aphidinae Aphidini Aphidina – Subgenus of *Aphis* Linnaeus, 1758.
- Page 249; *Mariaella*  
Text as published.—Useful information about the objective status: Replaced by *Szelegiewicziana* Özdikem & Demir, 2007 (*nomen novum*).  
Corrected text.—Useful information about the objective status: Replaced by *Szelegiewiczia* Özdikem & Demir, 2007 (*nomen novum*), junior homonym of *Szelegiewiczia* Shaposhnikov, 1985 (Hemiptera Sternorrhyncha Szelegiewiczziidae); replaced by *Neomariaella* Szwedo & Osiadacz, 2010 (*nomen novum*).
- Page 254; *Melanosiphum*  
Text as published.—Type species: *Melanosiphum lonicericola* Shinji, 1942; by original designation.  
Corrected text.—Type species: *Melanosiphum lonicericola* Shinji, 1942; by original designation; junior synonym of *Anuraphis japonicus* Hori, 1927.
- Page 257; *Metatrichosiphon*  
Text as published.—Subjective status: Valid – Senior synonym of *Ditricosiphon* Raychaudhuri (D.N.), 1956.  
Corrected text.—Subjective status: Valid.
- Page 258; *Metopeuraphis*  
Text as published.—Type species: *atriplicis* ...  
Corrected text.—Type species: *Metopeuraphis atriplicis* ...
- Page 271; *Nasonovia*  
Text as published.—Taxonomic position: ... *Capitosiphon* Heie, 1979, *Eokakimia* Heie, 1979, *Kakimia* Hottes & Frison, ...  
Corrected text.—Taxonomic position: ... *Capitosiphon* Heie, 1979, *Kakimia* Hottes & Frison, ...

Page 276; *Neodermaphis*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Neodermaphis* Sorin, 2006 // Publication reference: Bulletin of the Faculty of Literature, Kogakkan University, 44: 59. // Described as genus. // Type species: *Neodermaphis unebiensis* Sorin, 2006; by original designation. // Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphididae Hormaphidinae Nipponaphidini.

Page 279; *Neomacromyzus*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Neomacromyzus* Lee, 2006. // Publication reference: Proceedings of the Entomological Society of Washington, 108: 494. // Described as genus. // Type species: *Neomacromyzus cyrtomicola* Lee, 2006; by original designation. // Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphididae Aphidinae Macrosiphini.

Page 279; *Neomariaella*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Neomariaella* Szwedó & Osiadacz, 2010. // Publication reference: Bulletin de la Société Entomologique de France, 115 (2): 215. // Described as genus. // Type species: *Mariaella lambersi* Szelegiewicz, 1961; denoted by new replacement name (Article 67.8). // Objective status: Available & potentially valid. // Useful information about the objective status: Replacement name (*nomen novum*) for *Szelegiewiczia* Özdikem & Demir, 2007. // Subjective status: Valid. // Taxonomic position: Aphididae Aphidinae Macrosiphini.

Page 282; *Neophorodon*

Text as published.—Type species: *Neophorodon rubi* Takahashi, 1922; by original designation.

Corrected text.—Type species: *Neophorodon rubi* Takahashi, 1922; by original designation; junior synonym of *Matsumuraja rubifoliae* Takahashi, 1931.

Page 283; *Neopterocomma*

Text as published.—Taxonomic position: Aphididae Pterocommatinae.

Corrected text.—Taxonomic position: Aphididae Aphidinae Macrosiphini.

Page 283; *Neoreticulaphis*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Neoreticulaphis* Sorin, 1999 // Publication reference: Pakistan Journal of Biological Sciences, 2 (4): 1648. // Described as genus. // Type species: *Neoreticulaphis nipponica* Sorin, 1999; by original designation. // Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphididae Hormaphidinae Nipponaphidini.

Page 296; *Ovatus*

Text as published.—Type species: *Ovatus mespili* ...

Corrected text.—Type species: *Myzus mespili* ...

Page 298; *Paducia*

Text as published.—Taxonomic position: Aphididae Pterocommatinae.

Corrected text.—Taxonomic position: Aphididae Aphidinae Macrosiphini.

Page 304; *Paraphorodon*

Text as published.—Type species: *Paraphorodon omeishanensis* Tseng & Tao, 1938; by original designation; junior synonym of *Phorodon cannabis* Passerini, 1860. // ... // Subjective status: Valid — Senior synonym of *Diphorodon* Börner, 1939. // ...

- Corrected text.—Type species: *Paraphorodon omeishanensis* Tseng & Tao, 1938; by original designation. // ... // Subjective status: Valid. // ...
- Page 309; *Pemphiginus*  
Text as published.—Subjective status: Subgenus of *Pemphigus* Hartig, 1839. // Taxonomic position: Aphididae Eriosomatinae Pemphigini.  
Corrected text.—Subjective status: Valid. // Taxonomic position: Aphididae Eriosomatinae Pemphigini — Subgenus of *Pemphigus* Hartig, 1839.
- Page 316; *Placoaphis*  
Text as published.—Type species: *Placoaphis siphunculata* Richards, 1961; by original designation.  
Corrected text.—Type species: *Placoaphis siphunculata* Richards, 1961; by original designation; junior synonym of *Dactynotus wakibae* Hottes, 1934.
- Page 317; *Plocamaphis*  
Text as published.—Taxonomic position: Aphididae Pterocommatinae.  
Corrected text.—Taxonomic position: Aphididae Aphidinae Macrosiphini.
- Page 325; *Pseudotoxoptera*  
Text as published.—[WITHOUT ENTRY]  
Corrected text.—*Pseudotoxoptera* Zhang (G.-x.) & Qiao 1999 // Publication reference: Huang, B.-k. (Ed.), Fauna of Insects in Fujian Province, Volume 2: 591. // Described as genus. // Type species: *Pseudotoxoptera pyrisucta* Qiao & Zhang (G.-x.), 1999; by original designation. // Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphididae Aphidinae Aphidini Rhopalosiphina.
- Page 327; *Pterocomma*  
Text as published.—Taxonomic position: Aphididae Pterocommatinae.  
Corrected text.—Taxonomic position: Aphididae Aphidinae Macrosiphini.
- Page 329; *Quadrartus*  
Text as published.—Subjective status: Valid.  
Corrected text.—Subjective status: Valid — Senior synonym of *Atarsaphis* Takahashi, 1958.
- Page 338; *Schizodryobius*  
Text as published.—Type species: ... by original designation; ...  
Corrected text.—Type species: ... by monotypy; ...
- Page 345; *Siciforda*  
Text as published.—Subjective status: Valid. // Taxonomic position: Aphididae Eriosomatinae Fordini.  
Corrected text.—Subjective status: junior synonym of *Aiceona* Takahashi, 1921.
- Page 347; *Sinocallis* Hong  
Text as published.—Useful information about the objective status: Replaced by *Hongocallis* Wegierek, 2010 (*nomen novum*).  
Corrected text.—Useful information about the objective status: Replaced by *Hongocallis* Zhang (Z.-j.), 2009, and improperly by *Hongocallis* Wegierek, 2010 (*nomina nova*).
- Page 350; *Siphocoryne* Passerini, 1863  
Text as published.—Type species: ...; by subsequent designation (Kirkaldy, 1905: 416); ...  
Corrected text.—Type species: ...; by original designation; ...
- Page 355; *Sportaphis*  
Text as published.—Type species: *Sportaphis sporta* Zhang (G.-x.), Chen, Zhong & Li, 1999; by original designation.  
Corrected text.—Type species: *Sportaphis sporta* Zhang (G.-x.), Chen, Zhong & Li,

1999; by original designation; junior synonym of *Tenuilongiaphis stata* Zhang (G.-x.) & Zhong, 1993.

Page 357; *Stephensonia*

Text as published.—Type species: ...; by monotypy; ...

Corrected text.—Type species: ...; by original designation; ...

Page 362; *Surcaudaphis*

Text as published.—Subjective status: Junior synonym of *Tuberocephalus* Shinji, 1929.

Corrected text.—Subjective status: Junior synonym of *Trichosiphoniella* Shinji, 1929.

Page 362; *Symydobius*

Text as published.—Subjective status: Valid — Senior synonym of *Yezocallis* Matsumura, 1917. // Taxonomic position: ... subgenera *Symydobius* and *Antisymydobius* Qiao & Zhang (G.-x.), 2002.

Corrected text.—Subjective status: Valid. // Taxonomic position: ... subgenera *Symydobius* and *Yezocallis* Matsumura, 1917.

Page 362; *Synthripaphis*

Text as published.—Type species: ...; Junior synonym of *Callaphis caricis* Mordvilko, 1921.

Corrected text.—Type species: ...; Junior synonym of *Allaphis caricis* Mordvilko, 1921.

Page 363; *Szelegiewiczia*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Szelegiewiczia* Özdikem & Demir, 2007. // Publication reference: *Munis Entomology and Zoology*, 2 (2): 436. // Described as genus. // Type species: *Mariaella lambersi* Szelegiewicz, 1961; denoted by new replacement name (Article 67.8). // Objective status: Available but invalid — Junior homonym of *Szelegiewiczia* Shaposhnikov, 1985 (Hemiptera Sternorrhyncha Szelegiewiczziidae). Replaced by *Neomariaella* Szwedo & Osiadacz, 2010. // Useful information about the objective status: Alternative original spelling adopted by the first reviser (Szwedo & Osiadacz, 2010) instead of *Szelegiewicziana* Özdikem & Demir, 2007 which is unavailable (Articles 32.2.1 & 32.4). — Replacement name (*nomen novum*) for *Mariaella* Szelegiewicz, 1961.

Page 363; *Szelegiewicziana*

Text as published.—*Szelegiewicziana* Özdikem & Demir, 2007 // ...

Corrected text.—[REMOVE THE ENTRY]

Page 374; *Trichocallis*

Text as published.—Type species: ... Quednau (2010: 77)]; ...

Corrected text.—Type species: ... Quednau (2010: 76)]; ...

Page 375; *Trichosiphoniella*

Text as published.—Subjective status: Junior synonym of *Tuberocephalus* Shinji, 1929.

Corrected text.—Subjective status: Valid. // Taxonomic position: Aphididae Aphidinae Macrosiphini – Subgenus of *Tuberocephalus* Shinji, 1929.

Page 380; *Tuberocephalus*

Text as published.—Subjective status: Valid – ... *Mutillaphis* Zhang (L.) & Zhong (G.-x.), 2001, *Surcaudaphis* Zhang (G.-x.), Chen, Zhong & Li, 1999, and *Trichosiphoniella* Shinji, 1929. // Taxonomic position: Aphididae Aphidinae Macrosiphini.

Corrected text.—Subjective status: Valid – ... *Mutillaphis* Zhang (L.-k.) & Zhong (G.-x.), 2001, and *Surcaudaphis* Zhang (G.-x.), Chen, Zhong & Li, 1999. // Taxonomic

- position: Aphididae Aphidinae Macrosiphini – With subgenera *Tuberocephalus* and *Trichosiphoniella* Shinji, 1929.
- Page 382; *Turanaphis*  
Text as published.—Subjective status: Nomen nudum ...  
Corrected text.—Subjective status: Nomen dubium ...
- Page 383; *Tycheoides*  
Text as published.—Objective status: Available ... Passerini, 1863. // Useful information about the objective status: Replacement name of *Neorhizobius* Del Guercio, 1917. Senior objective synonym of *Tycheoides* Schouteden, 1906.  
Corrected text.—Objective status: Available ... Passerini, 1863.
- Page 391; *Yezocallis*  
Text as published.—Subjective status: Junior synonym of *Symydobius* Mordvilko, 1894.  
Corrected text.—Subjective status: Valid. // Taxonomic position: Aphididae Calaphidinae Calaphidini Calaphidina – Subgenus of *Symydobius* Mordvilko, 1894.
- Page 402; *Szelegiewiczia*  
Text as published.—Szelegiewiczia Özdikem & Demir, 2007 ... // ...  
Corrected text.—[REMOVE THE ENTRY]
- Page 402; *Szelegiewicziana*  
Text as published.—[WITHOUT ENTRY]  
Corrected text.—*Szelegiewicziana* Özdikem & Demir, 2007 (Munis Entomology and Zoology, 2 (2): 437). // Cause of unavailability: Alternative original spelling not adopted by the first reviser (Article 19.3); *Szelegiewiczia* Özdikem & Demir, 2007 is the adopted alternative original spelling.
- Page 446; *Neomyzocallis*  
Text as published.—Masculine  
Corrected text.—Feminine
- Page 449; *Pachypappella*  
Text as published.—Masculine  
Corrected text.—Feminine
- Page 450; *Paracolopha*  
Text as published.—Neuter  
Corrected text.—Feminine
- Page 461; *Trichoregma*  
Text as published.—Neuter  
Corrected text.—Feminine

### LIST 3.—UPDATES (per data published 2011-2013)

- Page 25; 2<sup>nd</sup> paragraph  
Text as published.—also excluded are other related families: ..., CREAPHIDIDAE, ELLINAPHIDIDAE, ... PALAEOAPHIDIDAE, RETINAPHIDIDAE, ...  
Corrected text.—also excluded are other families: ..., CREAPHIDIDAE, DRACAPHIDIDAE, ELLINAPHIDIDAE, ... PALAEOAPHIDIDAE, RASNITSYAPHIDIDAE, RETINAPHIDIDAE, ...
- Page 39; 2<sup>nd</sup> paragraph  
Text as published.—...; y tampoco lo están otras familias emparentadas, por orden alfabético: ... CREAPHIDIDAE, ELLINAPHIDIDAE, ... PALAEOAPHIDIDAE, RETINAPHIDIDAE, ...



Corrected text.—...; y tampoco lo están otras familias emparentadas, por orden alfabético:  
... CREAPHIDIDAE, DRACAPHIDIDAE, ELLINAPHIDIDAE, ... PALAEOAPHIDIDAE, RASNITSYAPHIDIDAE,  
RETINAPHIDIDAE, ...

Page 101; Table G-3

Text as published.—.../ Bramstedt / Buckton / ... Chang / Cholodkovsky / ...

Corrected text.—.../ Bramstedt / Brauckman & Schlüter / Buckton / ... Chang / Chen,  
Sorin & Qiao / Cholodkovsky / ...

Page 102; Table G-3

Text as published.—.../ Lee (S.H.) / Liao / ...

Corrected text.—.../ Lee (S.H.) / Lee (W.) & Lee (S.) / Liao / ...

Page 103; Table G-3

Text as published.—.../ Wegierek / Weswood / ...

Corrected text.—.../ Wegierek / Wegierek & Żyla / Westwood / ...

Page 133; *Aniferella*

Text as published.—Taxonomic position: Aphididae Lizeriinae.

Corrected text.—Taxonomic position: Aphididae Neophyllaphidinae.

Page 137; *Aphidinius*

Text as published.—Taxonomic position: Aphididae Eriosomatinae.

Corrected text.—Taxonomic position: Aphidoidea *incertae sedis*.

Page 138; *Aphidioides*

Text as published.—Taxonomic position: Aphididae.

Corrected text.—Taxonomic position: Aphidoidea *incertae sedis*.

Page 140; *Aphis*

Text as published.—Subjective status: Valid — Senior synonym of *Apathaphis* Börner, 1952, *Aphidula* Nevsy, 1929, *Asiataphis* Narzikulov, 1970, ..., *Pergandeida* Schouteden, 1903, *Uraphis* Del Guercio, 1907, ...

Corrected text.—Subjective status: Valid — Senior synonym of *Apathaphis* Börner, 1952, *Aphidula* Nevsy, 1929, *Arimakia* Matsumura, 1917, *Asiataphis* Narzikulov, 1970, ..., *Pergandeida* Schouteden, 1903, *Somaphis* Shinji, 1929, *Uraphis* Del Guercio, 1907, ...

Page 143; *Arimakia*

Text as published.—Subjective status: Junior synonym of *Toxoptera* Koch, 1856.

Corrected text.—Subjective status: Junior synonym of *Aphis* Linnaeus, 1758.

Page 144; *Asiphonipponaphis*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Asiphonipponaphis* Chen, Sorin & Qiao, 2011 // Publication reference: Zookeys, 111: 4. // Described as genus. // Type species: *Asiphonipponaphis vasigalla* Chen, Sorin & Qiao, 2011; by original designation. // Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphididae Hormaphidinae Nipponaphidini.

Page 147; *Aulacorthum*

Text as published.—Subjective status: ..., *Neomacrosiphum* van der Goot, 1915, and *Pseudomegoura* Shinji, 1922.

Corrected text.—Subjective status: ..., and *Neomacrosiphum* van der Goot, 1915.

Page 148; *Bajsaphis*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Bajsaphis* Shaposhnikov, 1985 // Publication reference: Szelegiewicz *et al.* (eds.), Evolution and biosystematics of aphids: 45, footnote. // Described as genus.



// Type species: *Bajsaphis kononovae* Shaposhnikov, 1985; by original designation. / Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphidoidea *incertae sedis*.

Page 148; *Balticaphis*

Text as published.—Taxonomic position: Aphididae Saltusaphidinae.

Corrected text.—Taxonomic position: Aphididae (Drepanosiphidae complex sensu Heie).

Page 161; *Canaphis*

Text as published.—Taxonomic position: Aphididae.

Corrected text.—Taxonomic position: Aphidoidea *incertae sedis*.

Page 185; *Dataiaphis*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Dataiaphis* Lin, 1995 // Publication reference: Acta Paleontologica Sinica, 34 (2): 195. // Described as genus. // Type species: *Dataiaphis coniferis* Lin, 1995; by original designation. / Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphidoidea *incertae sedis*.

Page 194; *Dubiaphis*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Dubiaphis* Brauckmann & Schlüter, 1993 // Publication reference: Geologica et Palaeontologica, 27: 187. // Described as genus. // Type species: *Dubiaphis curvata* Brauckmann & Schlüter, 1993; by original designation. // Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphidoidea *incertae sedis*.

Page 195; *Echinaphis* Cockerell

Text as published.—Taxonomic position: Aphididae Lizeriinae.

Corrected text.—Taxonomic position: Aphidoidea *incertae sedis*.

Page 197; *Electromyzus*

Text as published.—Taxonomic position: Aphididae Lizeriinae.

Corrected text.—Taxonomic position: Aphididae (Drepanosiphidae complex sensu Heie).

Page 199; *Eomakrosoura*

Text as published.—Taxonomic position: Aphididae Aphidinae.

Corrected text.—Taxonomic position: Aphididae (Drepanosiphidae complex sensu Heie).

Page 208; *Fossilicallis*

Text as published.—Publication reference: Mainzer ... // ... // ... // ... // ... // Taxonomic position: Aphididae Phyllaphidinae.

Corrected text.—Publication reference: Heie & Lutz, Mainzer ... // ... // ... // ... // ... // Taxonomic position: Aphididae Drepanosiphinae.

Page 209; *Furvaphis*

Text as published.—Taxonomic position: Aphididae Phloeomyzinae.

Corrected text.—Taxonomic position: Aphididae Eriosomatinae Pemphigini.

Page 211; *Germaphisis*

Text as published.—Taxonomic position: ... *Germaphisis* and *Balticorostrum* Heie, 1967.

Corrected text.—Taxonomic position: ... *Germaphisis*, *Balticorostrum* Heie, 1967 and *Henningsenia* Heie, 1967.

Page 212; *Gibbomyzus*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Gibbomyzus* Nieto Nafría, Pérez Hidalgo, Martínez-Torres & Villalobos Muller, 2013 // Publication reference: Canadian Entomologist, 145 (5): 511. // Described as genus. // Type species: *Gibbomyzus pteridophytorum* Nieto Nafría, Pérez Hidalgo, Martínez-Torres & Villalobos Muller, 2013; by original designation. // Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphididae Aphidinae Macrosiphini.

Page 218; *Henningsenia*

Text as published.—Taxonomic position: ... Erisomatinae.

Corrected text.—Taxonomic position: ... Eriosomatinae – Subgenus of *Germaraphis* Heie, 1967.

Page 220; *Holmaniella*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Holmaniella* Shaposhnikov, 1985 // Publication reference: Szelegiewicz *et al.* (eds.), Evolution and biosystematics of aphids: 45, footnote. // Described as genus. // Type species: *Holmaniella papillata* Shaposhnikov, 1985; by original designation. // Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphidoidea *incertae sedis*.

Page 244; *Lyncuricallis*

Text as published.—Taxonomic position: Aphididae Phyllaphidinae.

Corrected text.—Taxonomic position: Aphididae (Drepanosiphidae complex sensu Heie).

Page 252; *Megapodaphis*

Text as published.—Taxonomic position: Aphididae Macropodaphidinae.

Corrected text.—Taxonomic position: Aphididae Saltusaphidinae.

Page 256; *Mesoviparosiphum*

Text as published.—Subjective status: Valid. // Taxonomic position: Oviparosiphidae.

Corrected text.—Subjective status: Junior synonym of *Oviparosiphum* Shaposhnikov 1979.

Page 273; *Neoaulacorthum*

Text as published.—[WITHOUT ENTRY]

Corrected text.—*Neoaulacorthum* Lee (W.) & Lee (S.), 2011 // Publication reference: Lee (W.), Kim & Lee (S.), Bulletin of Entomological Research, 101(1): 122. // Described as genus. // Type species: *Rhopalosiphum magnoliae* Essig & Kuwana, 1918; by original designation. // Objective status: Available & potentially valid. // Subjective status: Junior synonym of *Pseudomegoura* Shinji 1922.

Page 288; *Nevaphis*

Text as published.—Taxonomic position: Aphididae Phyllaphidinae.

Corrected text.—Taxonomic position: Aphididae (Drepanosiphidae complex sensu Heie)

Page 289; *Nigrosiphum*

Text as published.—Taxonomic position: Aphididae Aphidinae.

Corrected text.—Taxonomic position: Aphididae Aphidinae Macrosiphini.

Page 291; *Nordaphis*

Text as published.—Taxonomic position: Aphididae Mindarinae.

Corrected text.—Taxonomic position: Aphididae Lizeriinae.

- Page 294; *Oligocallis*  
Text as published.—Taxonomic position: Aphididae Pterastheniinae.  
Corrected text.—Taxonomic position: Aphididae (Drepanosiphidae complex sensu Heie).
- Page 297; *Oviparosiphum*  
Text as published.—Subjective status: Valid.  
Corrected text.—Subjective status: Valid — Senior synonym of *Mesoviparosiphum* Zhang (J.-f.), Zang (S.), Hou & Ma, 1989 and *Paroviparosiphum* Zhang (J.-f.), Zang (S.), Hou & Ma, 1989.
- Page 298; *Palaeoforda*  
Text as published.—Taxonomic position: Aphididae Eriosomatinae.  
Corrected text.—Taxonomic position: Aphidoidea *incertae sedis*.
- Page 307; *Paroviparosiphum*  
Text as published.—Subjective status: Valid. // Taxonomic position: Oviparosiphidae.  
Corrected text.—Subjective status: Junior synonym of *Oviparosiphum* Shaposhnikov 1979.
- Page 310; *Penaphis*  
Text as published.—Taxonomic position: Oviparosiphidae.  
Corrected text.—Taxonomic position: Aphidoidea *incertae sedis*.
- Page 317; *Plioaphis*  
Text as published.—Taxonomic position: Aphididae.  
Corrected text.—Taxonomic position: Aphidoidea *incertae sedis*.
- Page 318; *Precinara*  
Text as published.—Taxonomic position: Aphididae Lachninae Eulachnini.  
Corrected text.—Taxonomic position: Aphididae Lachninae.
- Page 324; *Pseudomegoura*  
Text as published.—Subjective status: Junior synonym of *Aulacorthum* Mordvilko, 1914.  
Corrected text.—Subjective status: Valid — Senior synonym of *Neoaulacorthum* Lee (W.) & Lee (S.), 2011.
- Page 337; *Sbenaphis*  
Text as published.—Taxonomic position: Aphididae.  
Corrected text.—Taxonomic position: Aphidoidea *incertae sedis*.
- Page 346; *Silvaphis*  
Text as published.—Taxonomic position: Aphididae Phloeomyzinae.  
Corrected text.—Taxonomic position: Aphididae Eriosomatinae Pemphigini.
- Page 349; *Sinoviparosiphum*  
Text as published.—*Sinoviparosiphum* Ren, Lu & Ji, 1995 // ... // ... // Type species: ... Ren, Ju & Ji, 1995; ...  
Corrected text.—*Sinoviparosiphum* Ren, 1995 // ... // ...// Type species: ... Ren, 1995; ...
- Page 353; *Somaphis*  
Text as published.—Subjective status: Junior synonym of *Toxoptera* Koch, 1856.  
Corrected text.—Subjective status: Junior synonym of *Aphis* Linnaeus, 1758.
- Page 357; *Sternaphis*  
Text as published.—Taxonomic position: Aphididae Neophyllaphidinae.  
Corrected text.—Taxonomic position: Aphididae (Drepanosiphidae complex sensu Heie).

- Page 361; *Succaphis*  
Text as published.—Taxonomic position: Aphididae Pterastheniinae.  
Corrected text.—Taxonomic position: Aphididae Phyllaphidinae.
- Page 361; *Sunaphis*  
Text as published.—Taxonomic position: Aphididae Aphidinae.  
Corrected text.—Taxonomic position: Aphidoidea *incertae sedis*.
- Page 362; *Swirskiaphis*  
Text as published.—Taxonomic position: Aphididae Aphidinae Aphidini Aphidina.  
Corrected text.—Taxonomic position: Aphididae Aphidinae Aphidini Rhopalosiphina.
- Page 366; *Tertiaphis*  
Text as published.—Taxonomic position: Aphididae Lizeriinae.  
Corrected text.—Taxonomic position: Aphididae Phyllaphidinae.
- Page 367; *Tetraneurites*  
Text as published.—Taxonomic position: Aphididae Phyllaphidinae.  
Corrected text.—Taxonomic position: Aphididae Eriosomatinae Eriosomatini.
- Page 372; *Toxoptera*  
Text as published.—Subjective status: Valid — Senior synonym of *Arimakia* Matsumura, 1917, *Ceylonia* Buckton, 1891, *Paratoxoptera* Blanchard (E.E.), 1944, and *Somaphis* Shinji, 1929.  
Corrected text.—Subjective status: Valid — Senior synonym of *Ceylonia* Buckton, 1891 and *Paratoxoptera* Blanchard (E.E.), 1944.
- Page 373; *Trachaphis*  
Text as published.—Taxonomic position: Aphididae Phloeomyzinae.  
Corrected text.—Taxonomic position: Aphididae Eriosomatinae Pemphigini.
- Page 383; *Unicohormaphis*  
Text as published.—[WITHOUT ENTRY]  
Corrected text.—*Unicohormaphis* Wegierek & Żyła, 2011 // Publication reference: Acta Geologica Sinica (English Edition), 85 (3): 522. // Described as genus. // Type species: *Unicohormaphis sorini* Wegierek & Żyła, 2011; by original designation. // Objective status: Available & potentially valid. // Subjective status: Valid. // Taxonomic position: Aphididae Hormaphidinae Cerataphidini.
- Page 383; *Ucrimyzus*  
Text as published.—[WITHOUT ENTRY]  
Corrected text.—*Ucrimyzus* Mier Durante & Pérez Hidalgo, 2013 // Publication reference: Florida Entomologist, 96 (2): 324. // Described as genus. // Type species: *Ucrimyzus villalobosi* Mier Durante & Pérez Hidalgo, 2013; by original designation. // Objective status: Available and potentially valid. // Subjective status: Valid. // Taxonomic position: Aphididae Aphidinae Macrosiphini.
- Page 391; *Yueaphis*  
Text as published.—Taxonomic position: Aphididae Hormaphidinae.  
Corrected text.—Taxonomic position: Aphidoidea *incertae sedis*.
- Page 425; *Asiphonipponaphis*  
Text as published.—[WITHOUT ENTRY]  
Corrected text.—ETYMOLOGY: Greek a- ‘without’ + Greek síphōn + Nipponaphis /  
GENDER: Feminine
- Page 426; *Bajsaphis*  
Text as published.—[WITHOUT ENTRY]

- Corrected text.—ETYMOLOGY: Baj(s) [locality, Russia] + Aphis / GENDER: Feminine  
 Page 432; *Dataiaphis*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: Datai [locality, China] + Aphis / GENDER: Feminine.
- Page 433; *Dubiaphis*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: Latin dubi(tātus) ‘doubted’ + Aphis / GENDER: Feminine
- Page 436; *Gibbomyzus*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: Latin gibb(a) ‘bumpy’ + -o- + Myzus / GENDER: Masculine
- Page 437; *Holmaniella*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: (Jaroslav) Holman [Czech aphidologist] + -i- + Latin -ella ‘little’ / GENDER: Feminine
- Page 439; *Kugegania*  
 Text as published.—Kuguga [locality, Kenya] + -n- + -ia  
 Corrected text.—Kikuyu [African language] kugegania ‘something small and beautiful’
- Page 442; *Maculaphis*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: Latin macul(a-) ‘spot’ + Aphis / GENDER: Feminine
- Page 446; *Neoaulacorthum*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: Greek neó(s) + Aulacorthum / GENDER: Neuter
- Page 446; *Neodermaphis*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: Greek neó(s) + Dermaphis / GENDER: Feminine
- Page 446; *Neomariaella*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: Greek neó(s) + Mariaella / GENDER: Feminine
- Page 447; *Neoreticulaphis*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: Greek neó(s) + Reticulaphis / GENDER: Feminine
- Page 453; *Pseudotoxoptera*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: Greek pseudo ‘untrue’ + Toxoptera / GENDER: Feminine
- Page 459; *Szelegiewiczia*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: (Henryk) Szelegiewicz [Polish aphidologist] + -ia / GENDER: Feminine
- Page 462; *Ucrimyzus*  
 Text as published.—[WITHOUT ENTRY]  
 Corrected text.—ETYMOLOGY: UCR [acronym for Universidad de Costa Rica] + -i- + Myzus / GENDER: Masculine

Page 462; *Unicohormaphis*

Text as published.—[WITHOUT ENTRY]

Corrected text.—ETYMOLOGY: Latin unico(rn) [mythological creature] + Hormaphis  
/ GENDER: Feminine

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## REFERENCES

- BLACKMAN, R. L., M. SORIN & M. MIYAZAKI, 2011. Sexual morphs and colour variants of *Aphis* (formerly *Toxoptera*) *odinae* (Hemiptera, Aphididae) in Japan. *Zootaxa*, 3110: 53-60.
- CHEN, J., M. SORIN & G.-x. QIAO, 2011. *Asiphonipponaphis*, a new genus of Hormaphidinae (Hemiptera, Aphididae) causing galls on *Distylium chinense* from China, with description of a new species. *ZooKeys*, 111: 1-10.
- FAVRET, C., 2014. Aphid Species File 5.0/5.0 <<http://Aphid.SpeciesFile.org>>.
- HEIE, O. E. & P. WEGIEREK, 2011. A list of fossil aphids (Hemiptera, Sternorrhyncha, Aphidomorpha). *Monographs of the Upper Silesian Museum*, 6: 1-82.
- LEE, W., H. KIM & S. LEE, 2011. A new aphid genus *Neoaulacorthum* (Hemiptera: Aphididae: Macrosiphini), determined by molecular and morphometric analyses. *Bulletin of Entomological Research*, 101 (1): 115-123.
- NIETO NAFRÍA, J. M. & C. FAVRET (Eds.), 2011. *Registers of family-group and genus-group taxa of Aphidoidea / Registros de los taxones del nivel familia y del nivel género de Aphidoidea (Hemiptera Sternorrhyncha)*. Universidad de León. León (Spain). 466 pp.
- SUGIMOTO, S., 2011. Revision of the genus *Parachaitophorus* Takahashi (Hemiptera: Aphididae: Drepanosiphinae), with descriptions of five morphs and biology of *P. spiraeae* (Takahashi, 1924) on *Spiraea cantoniensis* (Rosaceae). *Insecta Matsumurana (New Series)*, 67: 33-40.

- WANG, J.-f., L.-y. JIANG & G.-x. QIAO, 2011. Use of a mitochondrial COI sequence to identify species of the subtribe Aphidina (Hemiptera, Aphididae). *ZooKeys*, 122: 1-17.
- WEGIEREK, P. & D. ŻYLA, 2011. New Hormaphididae (Hemiptera, Aphidomorpha) from the Baltic amber and its palaeographic significance. *Acta Geologica Sinica (English Edition)*, 28 (3): 521-527.

