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An annotated list of Chinese Sarcophagidae (Insecta, Diptera)
Listado comentado de los Sarcophagidae (Insecta, Diptera) de China

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ABSTRACT

An annotated list of 105 genera and 343 species, including 315 species from People's Republic of China (267 species from Palaearctic and 127 from Oriental parts), 63 species from Taiwan and 34 species from Tibet is presented. 9 new combinations of species names are published: *Cylindrothecum brachygonitum* (Fan & Ge, 1992), **comb. nov.**; *C. curticlaws* (Zhang & Liu, 1998), **comb. nov.**; *Miltogrammidium fidusum* (Wei & Yang, 2007), **comb. nov.**; *M. indigenum* (Wei & Yang, 2007), **comb. nov.**; *M. leigongshanum* (Wei & Yang, 2007), **comb. nov.**; *Asceloctella* (s. str.) *australis* (Johnston & Tiegs, 1921), **comb. nov.**; *Sarcorohdendorfia pudongensis* (Fan, Chen & Lu, 2003), **comb. nov.**; *S. shenzhenfensis* (Fan, 2002), **comb. nov.** and *Fanzidea kurahashii* (Shinonaga & Tumrasvin, 1979), **comb. nov.** 17 new synonyms are established: *Kozlovea lopesi* Nandi, 1976 = *Kozlovea yangiana* Lehrer, 2010, **syn. nov.**; *K. tshernovi* Rohdendorf, 1937 = *Kozlovea nyatria* Lehrer, 2010, **syn. nov.**; *Leucomyia alba* (Schiner, 1868) = *Leucomyia tarima* Lehrer, 2008, **syn. nov.**; *Harpagophalla kempii* (Senior-White, 1924) = *Harpagophalla samudera* Lehrer, 2008, **syn. nov.**; *H. kempii* (Senior-White, 1924) = *Harpagophalla papuasiana* Lehrer, 2008, **syn. nov.**; *H. kempii* (Senior-White, 1924) = *Harpagophalla nandiana* Lehrer, 2008, **syn. nov.**; *Thyrsoconema* (*Pseudothyrsoconema*) *ugamskii* Rohdendorf, 1937 = *Asiopierretia amuriella* Lehrer, 2009, **syn. nov.**; *T. (P.) ugamskii* Rohdendorf, 1937 = *Asiopierretia henania* Lehrer, 2011, **syn. nov.**; *Myorhina villeneuvei* (Böttcher, 1912) = *Myorhina altainula* Lehrer, 2009, **syn. nov.**; *Pseudothyrsoconema caudagalli* (Böttcher, 1912) = *Pierretia autochtona* Wei et Yang, 2007, **syn. nov.**; *Fengia ostindicae* (Senior-White, 1924) = *Fengia shanga* Lehrer, 2008, **syn. nov.**; *Liosarcophaga (Jantiella) javana* (Macquart, 1851) = *Jantiella bentenia* Lehrer, 2008, **syn. nov.**; *Robineauella* (s. str.) *nigribasicosta* (Ye, 1982) = *Sarcophaga (Robineauella) picibasicosta* Pape, 1996, **syn. nov.**; *Sarcorohdendorfia antilope* (Böttcher, 1913) = *Tricholioproctia wumengia* Lehrer et Wei, 2011, **syn. nov.**; *S. inextricata* (Walker, 1860) = *Tricholioproctia sulawesiella* Lehrer et Wei, 2011, **syn. nov.**; *Seniorwhitea princeps* (Wiedemann, 1830) = *Seniorwhitea fuhsia* Lehrer, 2008, **syn. nov.** and *Phallosphaera gravelyi* (Senior-White, 1924) = *Phallosphaera yelangioeps* Lehrer et Wei, 2011, **syn. nov.**

Key Words: Sarcophagidae, China, list, species, new synonyms, new combinations.

RESUMEN

Se presenta una lista comentada de 105 géneros y 343 especies, de las cuales 315 especies son de la República Popular China (267 del paleártico y 127 de la región oriental), 63 especies de Taiwán y 34 especies del Tíbet. Se publican nueve nuevas combinaciones de nombres de especies: *Cylindrothecum brachygonitum* (Fan & Ge, 1992), **comb. nov.**; *C. curticlaws* (Zhang & Liu, 1998), **comb. nov.**; *Miltogrammidium fidusum* (Wei & Yang, 2007), **comb. nov.**; *M. indigenum* (Wei & Yang, 2007), **comb. nov.**; *M. leigongshanum* (Wei & Yang, 2007), **comb. nov.**; *Asceloctella* (s. str.) *australis* (Johnston & Tiegs, 1921), **comb. nov.**; *Sarcorohdendorfia pudongensis* (Fan, Chen & Lu, 2003), **comb. nov.**; *S. shenzhenfensis* (Fan, 2002), **comb. nov.** and *Fanzidea kurahashii* (Shinonaga & Tumrasvin, 1979), **comb. nov.** Se establecen 17 nuevas sinonimias: *Kozlovea lopesi* Nandi, 1976 = *Kozlovea yangiana* Lehrer, 2010, **syn. nov.**; *K. tshernovi* Rohdendorf, 1937 = *Kozlovea nyatria* Lehrer, 2010, **syn. nov.**; *Leucomyia alba* (Schiner, 1868) = *Leucomyia tarima* Lehrer, 2008, **syn. nov.**; *Harpagophalla kempii* (Senior-White, 1924) = *Harpagophalla samudera* Lehrer, 2008, **syn. nov.**; *H. kempii* (Senior-White, 1924) = *Harpagophalla papuasiana* Lehrer, 2008, **syn. nov.**; *H. kempii* (Senior-White, 1924) = *Harpagophalla nandiana* Lehrer, 2008, **syn. nov.**; *Thyrsoconema* (*Pseudothyrsoconema*) *ugamskii* Rohdendorf, 1937 = *Asiopierretia amuriella* Lehrer, 2009, **syn. nov.**; *T. (P.) ugamskii* Rohdendorf, 1937 = *Asiopierretia henania* Lehrer, 2011, **syn. nov.**; *Myorhina villeneuvei* (Böttcher, 1912) = *Myorhina altainula* Lehrer, 2009, **syn. nov.**; *Pseudothyrsoconema caudagalli* (Böttcher, 1912) = *Pierretia autochtona* Wei et Yang, 2007, **syn. nov.**; *Fengia ostindicae* (Senior-White, 1924) = *Fengia shanga* Lehrer, 2008, **syn. nov.**; *Liosarcophaga (Jantiella) javana* (Macquart, 1851) = *Jantiella bentenia* Lehrer, 2008, **syn. nov.**; *Robineauella* (s. str.) *nigribasicosta* (Ye, 1982) = *Sarcophaga (Robineauella) picibasicosta* Pape, 1996, **syn. nov.**; *Sarcorohdendorfia antilope* (Böttcher, 1913) = *Tricholioproctia wumengia* Lehrer et Wei, 2011, **syn. nov.**; *S. inextricata* (Walker, 1860) = *Tricholioproctia sulawesiella* Lehrer et Wei, 2011, **syn. nov.**; *Seniorwhitea princeps* (Wiedemann, 1830) = *Seniorwhitea fuhsia* Lehrer, 2008, **syn. nov.** y *Phallosphaera gravelyi* (Senior-White, 1924) = *Phallosphaera yelangioeps* Lehrer et Wei, 2011, **syn. nov.**

Palabras clave: Sarcophagidae, China, lista, especies, nuevas sinonimias, nuevas combinaciones.

INTRODUCTION

World Sarcophagidae-fauna consists from 407 genera and 2896 species, including subfamilies Macronychiinae (1 genus, 21 species), Miltogramminae (58 genera, 675 species), Eumacronychiinae (7 genera, 43 species), Paramacronychiinae (19 genera, 82 species) and Sarcophaginae (322 genera, 2075 species) (original data). Sarcophagid flies are distributed in all continents, with the exception of both Arctic and Antarctic. This paper contains an analysis an annotated compilation of relevant taxonomic and faunistic data for 105 genera and 343 species of Sarcophagidae from the People's Republic of China (in subsequent text given as "China"), Taiwan and Tibet.

In the present review I have attempted to complete analyse of all relevant literature data on the fauna of Sarcophagidae from China, Taiwan and Tibet and to bring the list of species into accordance with the system of this family, elaborated by ROHDENDORF (1937, 1965, 1967), LOPES (1969, 1982), VERVES (1987, 1990, 1997a, b), POVOLNÝ & VERVES (1997), and VERVES & KHROKALO (2006a, b) with some corrections according to BUENAVENTURA & PAPE, 2017. The previous total lists of Chinese (including Tibet) and Taiwan species were published at the end of the 20th century or early in the 21st century (FAN, 1992; FAN & PAPE, 1996; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010; XUE W. & CHAO, 1996; ZHANG & FAN, 1993; ZHANG & ZHAO, 1993). An original analysis of main faunistic publications of China, Taiwan and Tibet up to the first half of 2019 is made in this review. Family and generic-groups names are adopted after SABROSKY (1999). Abbreviations of the names of zoogeographical regions are: Or – Oriental; Pa – Palaearctic.

LIST OF SPECIES

Subfamily Macronychiinae Brauer & Bergenstamm, 1889

Macronychiidae Brauer & Bergenstamm, 1889: 76, 117.

1. Genus *Macronychia* Rondani, 1859

Macronychia Rondani, 1859: 222, 229. Type species: *Macronychia agrestis*: Rondani, 1859 (= *Xysta striginervis* Zetterstedt, 1838) [misidentification: not *Tachina agrestis* Fallén, 1810].

Macronychia: FAN, 1992: 583; PAPE, 1996: 94; TOWNSEND, 1931: 379; VERVES, 1982a: 236; 1986: 59; VERVES & KHROKALO, 2006a: 221, 228; 2006b: 73, 79.

1.1. Subgenus *Macronychia* s. str.

(1) *Macronychia* (s. str.) *lemariei* Jacentkovský, 1941

Macronychia (s. str.) *lemariei* Jacentkovský, 1941: 4, 9. Type locality: Czech Republic: Moravia, Lednice [as "Eisgrub Niederdonau"].

Macronychia (s. str.) *lemariei*: VERVES, 1982a: 237; 1986: 59. VERVES & KHROKALO, 2006a: 221, 228.

Macronychia lemariei: PAPE, 1996: 95.

Senotainia (*Sphixapata*) *sinerea* Chao & Zhang, 1988a: 280. Type locality: China: Neimenggu, Xilin Hot.

Senotainia (*Sphixapata*) *sinerea*: FAN, 1992: 587.

Macronychia sinerea: ZHANG, D. *et al.*, 2015: 471.

Pa: China: Neimenggu (CHAO & ZHANG, 1988a; ZHANG D *et al.*, 2015);

(2) *Macronychia* (s. str.) *striginervis* (Zetterstedt, 1838)

Xysta striginervis Zetterstedt, 1838: 633. Type locality: Sweden: Lycksele Lappmark, Vojmsjön.

Macronychia (s. str.) *striginervis*: VERVES, 1982a: 238; 1986: 59. VERVES & KHROKALO, 2006a: 221, 228; 2006b: 79.

Macronychia striginervis: CHAO & ZHANG, 1998a: 273; FAN, 1992: 583.

Pa: Tibet [= Xizang] (CHAO & ZHANG, 1998a; FAN, 1992).

1.2. Subgenus *Moschusa* Robineau-Desvoidy, 1863

Moschusa Robineau-Desvoidy, 1863: 139. Type species: *Tachina polyodon* Meigen, 1824.

Theone Robineau-Desvoidy, 1863: 401 [junior homonym of *Theone* Gistel, 1857; Coleoptera: Chrysomelidae]. Type-species: *Theone trifaria* Robineau-Desvoidy, 1863 (= *Tachina polyodon* Meigen, 1824).

Theonioides Strand, 1917: 92 [new replacement name for *Theone* Robineau-Desvoidy, 1863].

(3) *Macronychia* (*Moschusa*) *alpestris* Rondani, 1865.

Macronychia alpestris Rondani, 1865: 218. Type locality: Italy.

Macronychia (*Moschusa*) *alpestris*: VERVES & KHROKALO, 2006a: 221, 231; 2006b: 79.

Macronychia alpestris: PAPE, 1996: 94.

Miltogramma dumosum Pandellé, 1895: 301. Type locality: France: Hautes-Pyrénées.

Macronychia (*Moschusa*) *dumosa*: VERVES, 1982a: 242; 1982c: 547; 1986: 59.

Macronychia dumosa: XUE W. & CHAO, 1996: 1529.

Pa: China: Gansu (VERVES, 1982a; XUE & CHAO, 1996).

(4) *Macronychia* (*Moschusa*) *griseola* (Fallén, 1820)

Tachina griseola Fallén, 1820: 10. Type locality: Sweden: Skåne.

Macronychia (*Moschusa*) *griseola*: VERVES, 1982a: 244; 1986: 60; VERVES & KHROKALO, 2006a: 221, 232.

Macronychia griseola: FAN, 1992: 584; LIN & CHEN, 1999: 116; PAPE, 1996: 95; XIAO, 2010: 463; XUE W. & CHAO, 1996: 1529.

Pa: China: Neimenggu (FAN, 1992; FAN & PAPE, 1996).

(5) *Macronychia (Moschusa) polyodon* (Meigen, 1824)

Tachina polyodon Meigen, 1824: 302. Type locality: Germany.

Macronychia (Moschusa) polyodon: VERVES, 1982a: 246; 1986: 60; VERVES & KHROKALO, 2006a: 221, 233; 2006b: 79.

Macronychia polyodon: CHAO & ZHANG, 1998a: 273; CHEN L. & ZHU, 2014: 23; FAN, 1992: 584; KURAHASHI *et al.*, 2017: 36; PAPE, 1996: 95; XUE W. & CHAO, 1996: 1530.

Macronychia griseola [misidentification: not *Tachina griseola* Fallén, 1820]: LIN & CHEN, 1999: 116; SHIMADA *et al.* 1961: 33.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1965, 1997), Neimenggu (CHAO & ZHANG, 1998a; FAN, 1992; GU W. *et al.*, 2010); Or: Taiwan (FAN & PAPE, 1996: 239; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.* 1961; XIAO, 2010).

Subfamily Miltogramminae Lioy, 1864.

Miltogramminae Lioy, 1864: 59 [as Miltogrammini].

Tribe Miltogrammini Lioy, 1864.

Miltogrammini Lioy, 1864: 59.

Subtribe Senotainiina Rohdendorf, 1930.

Senotainiina Rohdendorf, 1930: 9.

2. Genus *Senotainia* Macquart, 1846

Senotainia Macquart, 1846: 295. Type species: *Senotainia rubriventris* Macquart, 1846.

Senotainia: FAN, 1965: 302; 1992: 584; ROHDENDORF, 1935: 79; VERVES & KHROKALO, 2006b: 80; XUE W. *et al.*, 2015: 447.

Sphixapata Rondani, 1859: 225. Type-species: *Tachina conica* Fallén, 1810.

2.1. Subgenus *Arrenopus* Brauer & Bergenstamm, 1891

Arrenopus Brauer & Bergenstamm, 1891: 360. Type species: *Sphixapata piligena* Rondani, 1865 (= *Sphixapata albifrons* Rondani, 1859).

(5) *Senotainia (Arrenopus) albifrons* (Rondani, 1859)

Sphixapata albifrons Rondani, 1859: 225. Type locality: Italy: Parma.

Senotainia (Arrenopus) albifrons: VERVES & KHROKALO, 2006b: 81; XUE W. *et al.*, 2015: 448.

Senotainia (Sphixapata) albifrons: ROHDENDORF, 1935: 80; VERVES, 1986: 12: 65; XUE W. *et al.*, 2015: 447.

Senotainia albifrons: FAN, 1992: 587; KURAHASHI *et al.*, 2017: 36; PAPE, 1996: 134.

Arrenopus aberrans HENNIG, 1941: 184; nomen nudum.

Arrenopus aberrans: SHIMADA *et al.* 1961: 33.

Pa: China: Neimenggu, Shaanxi (FAN, 1992; XUE W. *et al.*, 2015); Or: Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; SHIMADA *et al.* 1961; XIAO, 2010; XUE *et al.*, 2015).

(6) *Senotainia (Arrenopus) hainanensis* XUE & VERVES, 2015

Senotainia (Arrenopus) hainanensis XUE W. & VERVES, in: XUE W. *et al.*, 2015: 452. Type locality: China: Hainan, Jianfeng Mountain.

Or: China: Hainan (XUE W. *et al.*, 2015).

(7) *Senotainia (Arrenopus) puncticornis* Zetterstedt, 1859

Miltogramma puncticornis Zetterstedt, 1859: 6149. Type locality: Sweden: Skåne, Illstorp.

Senotainia (Arrenopus) puncticornis: XUE W. *et al.*, 2015: 448; VERVES & KHROKALO, 2006b: 81.

Senotainia (Sphixapata) imberbis: FAN, 1992: 586; LI M. *et al.*, 2014: 549; VERVES, 1986: 65.

Senotainia puncticornis: PAPE, 1996: 139.

Tachina imberbis Zetterstedt, 1838: 636 [junior homonym of *Tachina imberbis* Wiedemann, 1830; Diptera: Tachinidae]. Type locality: Sweden: Torne Lappmark.

Pa: China: Shanxi (LI M. *et al.*, 2014), Sichuan (FAN, 1992).

(8) *Senotainia (Arrenopus) sibirica* Rohdendorf, 1935.

Senotainia (Sphixapata) albifrons sibirica Rohdendorf, 1935: 80. Type locality: Kazakhstan: Kokchetau Region, Borovoe.

Senotainia (Arrenopus) sibirica: XUE W. *et al.*, 2015: 449.

Senotainia (Sphixapata) sibirica: FAN, 1992: 587; VERVES, 1986: 66.

Senotainia sibirica: FAN & PAPE, 1996: 243; PAPE, 1996: 140.

Pa: China: Heilongjiang, Neimenggu, Shaanxi, Sichuan; Or: Hunan, Yunnan (FAN, 1992; FAN & PAPE, 1996; XUE W. *et al.*, 2015).

2.2. Subgenus *Senotainia* s. str.

(9) *Senotainia* (s. str.) *aegyptiaca* Rohdendorf, 1935

Senotainia (s. str.) *deserta aegyptiaca* Rohdendorf, 1935: 86. Type locality: Egypt: Sinai, Kerdasa.

Senotainia (s. str.) *aegyptiaca*: XUE W. *et al.*, 2015: 449.

Senotainia aegyptiaca: FAN, 1992: 589; PAPE, 1996: 134.

Pa: China: Neimenggu (FAN, 1992; XUE W. *et al.*, 2015).

(10) *Senotainia* (s. str.) *barchanica* Rohdendorf, 1935

Senotainia (s. str.) *barchanica* Rohdendorf, 1935: 83. Type locality: Kazakhstan: Kyzyl Kum, Karak.

Senotainia (s. str.) *barchanica*: VERVES, 1986: 63; XUE W. *et al.*, 2015: 449.

Senotainia barchanica: FAN & PAPE, 1996: 242; PAPE, 1996: 135.

Pa: China: Hebei, Shanxi (FAN & PAPE, 1996; XUE W. *et al.*, 2015).

(11) *Senotainia* (s. str.) *caspiaca* Rohdendorf, 1935.

Senotainia (s. str.) *caspiaca* Rohdendorf, 1935: 83. Type locality: Kazakhstan: Syr Daria, Dzshulek.

Senotainia (s. str.) *caspiaca*: VERVES, 1986: 63; XUE W. *et al.*, 2015: 449.

Senotainia caspiaca: PAPE, 1996: 135.

Senotainia (s. str.) *gobica* Rohdendorf, 1935: 86. Type locality: China: Xinjiang, Gashun Gobi, Shigusa, Bugas River S Khami.

Senotainia (s. str.) *gobica*: VERVES, 1986: 64; VERVES & KHROKALO, 2006b: 81.

Senotainia (s. str.) *turkmenica* Rohdendorf, 1935: 89. Type locality: Turkmenistan: Kopet Dag, between Arman Saad and Kyzyl Arvat.

Senotainia (s. str.) *turkmenica*: FAN, 1992: 587. VERVES, 1986: 65.

Senotainia turkmenica: PAPE, 1996: 141.

Pa: China: Neimenggu (FAN, 1992; XUE W. *et al.*, 2015), Xinjiang (FAN, 1992; ROHDENDORF, 1935; XUE W. *et al.*, 2015).

(12) *Senotainia* (s. str.) *conica* (Fallén, 1810)

Musca conica Fallén, 1810: 270. Type locality: Sweden: Skåne.

Senotainia (s. str.) *conica*: FAN, 1992: 587; VERVES, 1986: 64; VERVES & KHROKALO, 2006b: 80; XUE W. *et al.*, 2015: 450.

Senotainia conica: PAPE, 1996: 136.

Pa: China: Hebei, Neimenggu (FAN, 1992; XUE W. *et al.*, 2015).

(13) *Senotainia* (s. str.) *deserta* Rohdendorf, 1935

Senotainia (s. str.) *deserta* Rohdendorf, 1935: 85. Type locality: Russia: Dagestan, delta of Kuma River.

Senotainia (s. str.) *mongolica* Rohdendorf & Verves, 1980: 453. Type locality: Mongolia: Gobi Altay aimak, Shargyn Gobi, 10 km NE Bayan.

Senotainia (s. str.) *deserta*: FAN, 1992: 589; VERVES, 1986: 64; XUE W. *et al.*, 2015: 450.

Senotainia deserta: PAPE, 1996: 136.

Pa: China: Gansu, Neimenggu (FAN, 1992; XUE W. *et al.*, 2015).

(14) *Senotainia* (s. str.) *fani* Verves, 1994.

Senotainia (s. str.) *fani* Verves, 1994: 85 [new replacement name for *Senotainia mongolica* Chao & Zhang, 1988].

Senotainia fani: PAPE, 1996: 137; ZHANG D. *et al.* 2015: 468.

Senotainia (s. str.) *fani*: XUE *et al.*, 2015: 450.

Senotainia (s. str.) *mongolica* Chao & Zhang, 1988a: 279 [junior homonym of *Senotainia* (s. str.) *mongolica* Rohdendorf & Verves, 1980]. Type locality: China: Neimenggu, Tomortei.

Senotainia (s. str.) *mongolica*: FAN, 1992: 587.

Senotainia neimengguensis Chao & Zhang, 1996, in: Xue W. & Chao, 1996: 1557, 1559, 1660 [unnecessary new replacement name for *Senotainia mongolica* Chao & Zhang, 1988a].

Pa: China: Neimenggu (CHAO & ZHANG, 1988a; FAN, 1992; XUE W. *et al.*, 2015).

(15) *Senotainia* (s. str.) *tricuspis* (Meigen, 1838).

Miltogramma tricuspis Meigen, 1838: 234. Type locality: Spain: Andalusia.

Senotainia (s. str.) *tricuspis*: FAN, 1992: 588.

Senotainia tricuspis: PAPE, 1996: 141; VERVES, 1986: 65; VERVES & KHROKALO, 2006b: 81; XUE W. *et al.*, 2015: 451.

Pa: China: Neimenggu (FAN, 1992; XUE W. *et al.*, 2015).

(16) *Senotainia* (s. str.) *xizangensis* Zhong, Wu & Fan, 1981.

Senotainia deserta xizangensis Zhong *et al.*, 1981: 248. Type locality: China: Xizang, Qinghai, Medog.

Senotainia (s. str.) *xizangensis*: XUE W. *et al.*, 2015: 452.

Senotainia xizangensis: PAPE, 1996: 142.

Pa: Tibet [= Xizang] (XUE W. *et al.*, 2015; ZHONG *et al.*, 1981).

Subtribe Pterellina Rohdendorf, 1967

Pterellina Rohdendorf, 1967b: 63, 66.

3. Genus *Eremasiomyia* Rohdendorf, 1927

Eremasiomyia Rohdendorf, 1927: 158. Type species: *Eremasiomyia erythrogastra* Rohdendorf, 1927.

Eremasiomyia: TOWNSEND, 1938: 108; PAPE, 1996: 85; VERVES, 1986: 72.

(17) *Eremasiomyia similis* Rohdendorf, 1935.

Eremasiomyia similis Rohdendorf, 1935: 74. Type locality: Uzbekistan: Khiva District.

Eremasiomyia similis: PAPE, 1996: 85; VERVES, 1986: 72.

Pa: China: Xinjiang (PAPE, 1996).

4. *Protomiltogramma* Townsend, 1916

Protomiltogramma Townsend, 1916: 154. Type species: *Protomiltogramma cincta* Townsend, 1916.

Protomiltogramma: FAN, 1992: 589, 594; PAPE, 1996: 128; VERVES, 1986: 81; VERVES & KHROKALO, 2006b: 75, 81.

Thereomyia Rohdendorf, 1927: 163. Type-species: *Miltogramma fasciata* Meigen, 1824.

Thereomyia: ROHDENDORF, 1935: 75; TOWNSEND, 1938: 151.

(18) *Protomiltogramma fasciata* (Meigen, 1824)

Miltogramma fasciata Meigen, 1824: 227. Type locality: France: Beaucaire.

Protomiltogramma fasciata: PAPE, 1996: 128; VERVES, 1986: 82; 1990: 528; VERVES & KHROKALO, 2006b: 82.

Pa: China: Neimenggu (FAN & PAPE, 1996).

(19) *Protomiltogramma jaxartiana* (Rohdendorf, 1927)

Thereomyia fasciata jaxartiana Rohdendorf, 1927: 163. Type locality: Kazakhstan: Syr-Daria Region, Karak.

Protomiltogramma jaxartiana: PAPE, 1996: 129; ROHDENDORF, 1935: 77; VERVES, 1986: 82; VERVES & KHROKALO, 2006b: 83.

Pa: China: Neimenggu (PAPE, 1996).

(20) *Protomiltogramma stackelbergi* (Rohdendorf, 1935)

Thereomyia stackelbergi Rohdendorf, 1935: 78.

Protomiltogramma stackelbergi: BARTÁK *et al.*, 2019: 48; KURAHASHI *et al.*, 2017: 36; PAPE, 1996: 130; VERVES, 1986: 82; VERVES & KHROKALO, 2006b: 82.

Pterella fasciata [misidentification: not *Miltogramma fasciata* Meigen, 1824]: LIN & CHEN: 116; SHIMADA *et al.* 1961: 33.

Or: Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; PAPE, 1996; SHIMADA *et al.* 1961).

(21) *Protomiltogramma yunnanense* (Fan, 1981)

Pterella yunnanensis Fan, 1981: 314, 316. Type locality: China: Yunnan, Jinping.

Protomiltogramma yunnanense: FAN, 1992: 585; PAPE, 1996: 130.

Or: China: Yunnan (FAN, 1981, 1992).

(22) *Protomiltogramma yunnanicum* (Chao & Zhang, 1988)

Thereomyia yunnanicum Chao & Zhang, 1988a: 279. Type locality: China: Yunnan, Lijiang, Shigu.

Protomiltogramma yunnanicum: FAN, 1992: 595; PAPE, 1996: 131; ZHANG D. *et al.*, 2015: 477.

Or: China: Yunnan (CHAO & ZHANG, 1988a; FAN, 1992; ZHANG D. *et al.*, 2015).

5. Genus *Pterella* Robineau-Desvoidy, 1863

Pterella Robineau-Desvoidy, 1863: 121. Type species: *Miltogramma grisea* Meigen, 1824.

Pterella: FAN, 1992: 589, 593; PAPE, 1996: 131; TOWNSEND, 1938: 138; VERVES, 1986: 82. VERVES & KHROKALO, 2006b: 75, 83.

Setulia Robineau-Desvoidy, 1863: 124. Type species: *Setulia cerceridis* Robineau-Desvoidy, 1863 (= *Miltogramma grisea* Meigen, 1824)

Setulia: ROHDENDORF, 1935: 65; SÉGUY, 1941a: 260; TOWNSEND, 1938: 139.

(23) *Pterella asiatica* Rohdendorf & Verves, 1980

Pterella asiatica Rohdendorf & Verves, 1980: 463 [new name for *Setulia angustifrons* sensu Rohdendorf, 1935].

Pterella asiatica: VERVES, 1986: 83; 1990: 530; PAPE, 1996: 131.

Setulia (*s. str.*) *angustifrons* Rohdendorf, 1935: 68 [junior homonym of *Setulia fasciata angustifrons* Villeneuve, 1916; Diptera: Sarcophagidae]. Type locality: Uzbekistan: Khiva district, Khatyrchi, Sarai Liailyk.

Pa: China: Neimenggu (ROHDENDORF & VERVES, 1980; VERVES, 1990).

(24) *Pterella grisea* (Meigen, 1824)

Miltogramma grisea Meigen, 1824: 230. Type locality: France: south part.

Pterella grisea: FAN, 1992: 594; PAPE, 1996: 132; VERVES, 1986: 83; VERVES & KHROKALO, 2006b: 83.

Setulia grisea: SÉGUY, 1941a: 262.

Pa: China: Neimenggu (FAN, 1992).

Subtribe *Miltogrammina* Lioy, 1864

6. Genus *Aleximyia* Rohdendorf, 1930

Aleximyia Rohdendorf, 1930a: 25. Type species: *Aleximyia kizylkumi* Rohdendorf, 1930.

Aleximyia: FAN, 1992: 589, 590.

(25) *Aleximyia albifrons* Chao & Zhang, 1988.

Aleximyia albifrons Chao & Zhang, 1988a: 276. Type locality: China: Xinjiang, Baicheng.

Aleximyia albifrons: FAN, 1992: 590.

Miltogramma albifrons: PAPE, 1996: 107; ZHANG D. *et al.*, 2015: 453.

Pa: China: Xinjiang (CHAO & ZHANG, 1988a; FAN, 1992).

7. Genus *Cylindrothecum* Rohdendorf, 1930

Cylindrothecum Rohdendorf, 1930a: 31 [as subgenus of *Miltogramma* Meigen, 1803].

Type species: *Miltogramma necopinatum* Rohdendorf, 1930 (= *Miltogramma ibericum* Villeneuve, 1912).

Cylindrothecum: FAN, 1965: 302; VERVES, 1986: 71; VERVES & KHROKALO, 2006b: 73, 84.

Eumiltogramma Townsend, 1932: 443. Type species: *Eumiltogramma angustifrons* Townsend, 1932.

(26) *Cylindrothecum angustifrons* (Townsend, 1932)

Eumiltogramma angustifrons Townsend, 1932: 444. Type locality: Taiwan: Tainan.

Eumiltogramma angustifrons: SHIMADA *et al.* 1961: 33.

Cylindrothecum angustifrons: BARTÁK *et al.*, 2019: 48; LIN & CHEN, 1999: 116; VERVES, 1986: 71.

Miltogramma (*Cylindrothecum*) *angustifrons*: FAN, 1992: 593.

Senotainia sinensis Séguéy, 1935: 181. Type locality: China: Jiangsu, Hiukeou.

Miltogramma angustifrons: CHEN L. & ZHU, 2014: 24; CHEN X. *et al.* 2013: 51; KANO *et al.*, 1999: 130; KURAHASHI *et al.*, 2017: 36; PAPE, 1996: 107; XIAO, 2010: 463; ZHANG B. *et al.*, 2010: 360.

Pa: China: Beijing (CHEN L. & ZHU, 2014; KANO *et al.*, 1999), Jiangsu (FAN, 1992; KANO *et al.*, 1999), Liaoning (CHEN X. *et al.*, 2013); Or: China: Hainan (ZHANG B. *et al.*, 2010); Taiwan (BARTÁK *et al.*, 2019; FAN, 1992; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.* 1961; XIAO, 2010).

(27) *Cylindrothecum brachygonitum* Fan & Ge, 1992, comb. nov.

Miltogramma (*Cylindrothecum*) *brachygonitum* Fan & Ge, in: Fan, 1992: 593, 957. Type locality: China: Henan, Xisha.

Miltogramma brachygonitum: FAN & PAPE, 1996: 240.

Pa: China: Henan (FAN & GE, 1992).

(28) *Cylindrothecum curticlaws* Zhang & Liu, 1998, comb. nov.

Miltogramma (*Cylindrothecum*) *curticlaws* Zhang L. & Liu, 1998: 30. Type locality: China: Liaoning, Mount Daheishan, Jianchang.

Pa: China: Liaoning (ZHANG L. & LIU, 1998).

(29) *Cylindrothecum ibericum* (Villeneuve, 1912).

Miltogramma ibericum Villeneuve, 1912a: 508. Type localities: Algeria: Birmandreis; Spain: Barcelona.

Cylindrothecum ibericum: BARTÁK *et al.*, 2019: 48; FAN, 1965: 304; VERVES, 1986: 71; VERVES & KHROKALO, 2006b: 85.

Miltogramma (*Cylindrothecum*) *iberica*: FAN, 1992: 593; ZHANG G. & ZHANG Z., 2010: 292.

Miltogramma iberica: KANO *et al.*, 1999: 130; KURAHASHI *et al.*, 2017: 36; PAPE, 1996: 110; SÉGUY, 1941a: 275; ZHANG B. *et al.*, 2010: 360.

Miltogramma (*Cylindrothecum*) *necopinatum* Rohdendorf, 1930a: 31. Type locality: Russia: Leningrad region, Luga.

Pa: China: Hebei, Henan, Jiangsu, Jilin, Liaoning, Shaanxi, Shandong, Sichuan (FAN, 1992; ZHANG, G. & ZHANG Z., 2010). Or: Fujian, Guangdong, Guangxi (FAN, 1992; KANO *et al.*, 1999), Hainan, Yunnan (FAN, 1992), Zhejiang (FAN, 1992; KANO *et al.*, 1999; ZHANG B. *et al.*, 2010); Taiwan (BARTÁK *et al.*, 2019; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017).

8. Genus *Miltogramma* Meigen, 1803

Miltogramma Meigen, 1803: 280. Type species: *Miltogramma punctata* Meigen, 1824.

Miltogramma: FAN, 1965: 302; 1992: 589, 590; PAPE, 1996: 104; ROHDENDORF, 1930a: 32; VERVES, 1986: 73; VERVES & KHROKALO, 2006b: 73, 85.

Anacanthothecum Rohdendorf, 1930a: 33 [as subgenus of *Miltogramma* Meigen, 1803]. Type species: *Tachina testaceifrons* Roser, 1840.

- Anacanthothecum*: VERVES, 1986: 67; VERVES & KHROKALO, 2006b: 83.
- Dichiracantha* Enderlein, 1936: 221. Type species: *Tachina oestracea* Fallén, 1820.
- Miltogrammoides* Rohdendorf, 1930a: 22. Type-species: *Pediasomyia major* Rohdendorf, 1925.
- Miltogrammoides*: FAN, 1992: 589, 590.
- Pseudomiltogramma* Rohdendorf, 1930a: 33 [as subgenus of *Miltogrammidium* Meigen, 1803]. Type species: *Miltogramma brevipila* Villeneuve, 1911.
- Stephanodactylum* Rohdendorf, 1930a: 36 [as subgenus of *Miltogramma* Meigen, 1803]. Type species: *Miltogramma punctata* Meigen, 1824.
- (30) *Miltogramma alashanica* Rohdendorf, 1930.
- Miltogrammoides alashanicus* Rohdendorf, 1930a: 23. Type locality: China: Neimenggu, Ala Shan, Tshzhargalante-Etzingol.
- Miltogrammoides alashanicus*: VERVES, 1982a: 491; VERVES, 1986: 79; 1990: 532.
- Miltogramma alashanica*: PAPE, 1996: 106.
- Pa: China: Neimenggu (ROHDENDORF, 1930a).
- (31) *Miltogramma asiatica* Rohdendorf, 1930
- Miltogramma (Stephanodactylum) asiatica* Rohdendorf, 1930a: 35. Type locality: Uzbekistan: Khiva District, Ravat.
- Miltogramma (Stephanodactylum) asiaticum*: FAN, 1992: 591.
- Miltogramma (s. str.) asiaticum*: ROHDENDORF & VERVES, 1980: 475; VERVES, 1986: 82; 1990: 534.
- Miltogramma asiatica*: PAPE, 1996: 106; VERVES & KHROKALO, 2006b: 83.
- Pa: China: Gansu, Neimenggu, Xinjiang (FAN, 1992).
- (32) *Miltogramma bimaculata* CHAO & ZHANG, 1988
- Miltogramma (Stephanodactylum) bimaculatum* CHAO & ZHANG, 1988a: 277. Type locality: China: Yunnan, Dêqên, east slope of Baimang Snow Mountain.
- Miltogramma (Stephanodactylum) bimaculatum*: FAN, 1992: 591.
- Miltogramma bimaculata*: PAPE, 1996: 108; ZHANG D. *et al.*, 2015: 464.
- Or: China: Yunnan (CHAO & ZHANG, 1988a; FAN, 1992).
- (33) *Miltogramma brevipila* Villeneuve, 1911
- Miltogramma brevipila* Villeneuve, 1911: 118. Type localities: France: Corsica; Provence, Dauphine.
- Miltogramma brevipila*: PAPE, 1996: 108; VERVES 1990: 534; VERVES & KHROKALO, 2006b: 86.
- Miltogramma (Pseudomiltogramma) brevipilum*: FAN, 1992: 593; ROHDENDORF, 1930a: 47.
- Miltogrammidium (Pseudomiltogramma) brevipilum*: VERVES, 1982a: 502; 1986: 78.
- Pa: China: Xinjiang (FAN, 1992).
- (34) *Miltogramma major* (Rohdendorf, 1925)
- Pediasomyia (s. str.) major* Rohdendorf, 1925b: 62. Type locality: China: Xinjiang, Gashun Gobi, Shigusa, Bugas River S of Khami.
- Miltogrammoides major*: ROHDENDORF, 1930a: 23, 24; VERVES, 1982a: 502; 1986: 80; 1990: 532.
- Miltogramma major*: FAN, 1992: 241; PAPE, 1996: 112.
- Pa: China: Xinjiang (FAN, 1992; ROHDENDORF, 1925b; PAPE, 1996).
- (35) *Miltogramma maxima* (Rohdendorf, 1925)
- Pediasomyia (s. str.) maxima* Rohdendorf, 1925b: 62. Type locality: China: Xinjiang, Gashun Gobi, Shigusa, Bugas River S of Khami.
- Miltogramma maxima*: PAPE, 1996: 112.
- Miltogrammoides maximum*: ROHDENDORF, 1930a: 24; VERVES, 1982a: 504; 1986: 80; 1990: 532.
- Miltogrammoides zimini* Rohdendorf, 1930a: 24. Type locality: Uzbekistan: Khiva, Ravat.
- Miltogrammoides zimini*: FAN, 1992: 590.
- Pa: China: Xinjiang (FAN, 1992; ROHDENDORF, 1930a).
- (36) *Miltogramma oestracea* Fallén, 1820.
- Miltogramma oestracea* Fallén, 1820: 10. Type locality: Sweden: Skåne.
- Miltogramma oestracea*: PAPE, 1996: 114; VERVES & KHROKALO, 2006b: 87.
- Miltogramma (s. str.) oestraceum*: ROHDENDORF, 1930a: 39, 42; ROHDENDORF & VERVES, 1980: 476.
- Miltogramma (Dichiracantha) oestraceum*: VERVES, 1986: 74; 1990: 535.
- Pa: China: Neimenggu (PAPE, 1996; VERVES, 1990).
- (37) *Miltogramma punctata* Meigen, 1824.
- Miltogramma punctata* Meigen, 1824: 228. Type locality: Germany: Aachen.
- Miltogramma punctata*: LI M. *et al.*, 2014: 549; PAPE, 1996: 115; VERVES & KHROKALO, 2006b: 85.
- Miltogramma (Stephanodactylum) punctatum*: ROHDENDORF, 1930a: 35, 37.
- Miltogramma (s. str.) punctatum*: ROHDENDORF & VERVES, 1980: 475; VERVES, 1986: 75; 1990: 534.
- Pa: China: Neimenggu (PAPE, 1996), Shanxi (LI M. *et al.*, 2014).
- (38) *Miltogramma taeniorufa* Rohdendorf, 1930
- Miltogramma taeniorufum* Rohdendorf, 1930a: 38, 43. Type locality: Iran: Zurabad.
- Miltogramma taeniorufa*: PAPE, 1996: 117.
- Miltogramma (Dichiracantha) taeniorufum*: VERVES, 1986: 74.
- China: Pa: Shanxi (PAPE, 1996; VERVES, 1986).
- (39) *Miltogramma testaceifrons* (Roser, 1840)
- Tachina testaceifrons* Roser, 1840: 58. Type locality: Germany: Württemberg.
- Miltogramma testaceifrons*: PAPE, 1996: 117.
- Miltogramma (Anacanthothecum) testaceifrons*: FAN, 1992: 591.
- Anacanthothecum testaceifrons*: ROHDENDORF, 1930a: 33; ROHDENDORF & VERVES, 1980: 474; VERVES, 1986: 67; 1990: 531; VERVES & KHROKALO, 2006b: 83.

Pa: China: Neimenggu, Xinjiang (FAN, 1992; PAPE, 1996).

(40) *Miltogramma tsajdamica* (Rohdendorf, 1930)

Miltogrammoides tsajdamicum Rohdendorf, 1930a: 23, 25. Type locality: China: Qinghai, N Tzaidam [= Qaidam], Bonyn [= Itshegyn] River.

Miltogrammoides tsajdamicus: VERVES, 1982b: 511; 1986: 80; 1990: 532.

Miltogramma tsajdamica: PAPE, 1996: 117.

Pa: China: Qinghai (PAPE, 1996; ROHDENDORF, 1930a; VERVES, 1982b, 1986, 1990).

9. Genus *Miltogrammidium* Rohdendorf, 1930

Miltogrammidium Rohdendorf, 1930a: 24 [as subgenus of *Miltogramma* Meigen, 1803]. Type species: *Miltogramma taeniata* Meigen, 1824.

Miltogrammidium: VERVES, 1986: 76.

(41) *Miltogrammidium fidusum* (Wei & Yang, 2007), comb. nov.

Miltogramma fidusa Wei & Yang, 2007: in: Li Z. *et al.*, 2007: 536, 540. Type locality: China: Guizhou, Leigongshan National Nature [as "Nate"] Reserve.

Or: China: Guizhou (LI Z. *et al.*, 2007).

(42) *Miltogrammidium indigenum* (Wei & Yang, 2007), comb. nov.

Miltogramma indigena Wei & Yang, 2007: 536, 540. Type locality: China: Guizhou, Leigongshan National Nature [as "Nate"] Reserve.

Or: China: Guizhou (LI Z. *et al.*, 2007).

(43) *Miltogrammidium leigongshanum* (Wei & Yang, 2007), comb. nov.

Miltogramma leigongshana Wei & Yang, 2007, in: Li Z. *et al.*, 2007: 537, 540. Type locality: China: Guizhou, Leigongshan National Nature [as "Nate"] Reserve.

Or: China: Guizhou (LI Z. *et al.*, 2007).

(44) *Miltogrammidium rutilans* (Meigen, 1824)

Miltogramma rutilans Meigen, 1824: 231. Type locality: Germany: "Mühlheim am Rheine".

Miltogramma rutilans: PAPE, 1996: 116.

Miltogrammidium rutilans: VERVES, 1990: 536.

Miltogrammidium (s. str.) *rutilans*: VERVES, 1986: 77.

Miltogramma (*Miltogrammidium*) *rutilans*: FAN, 1992: 591; ROHDENDORF, 1935: 53.

Pa: China: Neimenggu (FAN, 1992; PAPE, 1996).

(45) *Miltogrammidium taeniatum* (Meigen, 1824)

Miltogramma taeniata Meigen, 1824: 228. Type locality: France.

Miltogramma (*Pseudomiltogramma*) *tibitum* Chao & Zhang, 1988a: 278. Type locality: Tibet [=Xizang]: Markam, Zhubalong.

Miltogrammidium taeniatum: VERVES, 1990: 536.

Miltogrammidium (s. str.) *taeniatum*: ROHDENDORF & VERVES, 1980: 478; VERVES, 1986: 78.

Miltogramma (*Miltogrammidium*) *taeniatum*: ROHDENDORF, 1930a: 48; 1935: 54.

Miltogramma (*Pseudomiltogramma*) *tibitum*: FAN, 1992: 592.

Miltogramma taeniata: PAPE, 1996: 117; ZHANG D. *et al.*, 2015: 466.

Pa: Tibet [= Xizang](CHAO & ZHANG, 1988a; FAN, 1992; ZHANG D. *et al.*, 2015).

(46) *Miltogrammidium turanicum* Rohdendorf, 1935

Miltogramma (*Miltogrammidium*) *turanicum* Rohdendorf, 1935: 55. Type locality: Uzbekistan: Yargak.

Miltogramma turanicum: FAN & PAPE, 1996: 241; PAPE, 1996: 118.

Miltogrammidium turanicum: VERVES, 1990: 536.

Miltogrammidium (s. str.) *turanicum*: ROHDENDORF & VERVES, 1980: 478; VERVES, 1986: 78.

Pa: China: Qinghai, Xinjiang (ROHDENDORF, 1935; FAN & PAPE, 1996).

10. Genus *Pediasiomia* Rohdendorf, 1925

Pediasiomia Rohdendorf, 1925b: 61. Type species: *Pediasiomia przhhevskyi* Rohdendorf, 1925.

Pediasiomia: ROHDENDORF, 1930a: 26; VERVES, 1982b: 514; 1986: 80; 1990: 536.

Miltogramma (*Pediasiomia*): SZPILA & PAPE, 2008: 259.

(47) *Pediasiomia przhhevskyi* Rohdendorf, 1925.

Pediasiomia (s. str.) *przhhevskyi* Rohdendorf, 1925b: 61. Type locality: China: Qinghai, source of Chuan-che.

Pediasiomia przhhevskyi: ROHDENDORF, 1930a: 30; VERVES, 1982b: 534; 1986: 81; 1990: 537.

Miltogramma przhhevskyi: PAPE, 1996: 115; PIWCZYŃSKI *et al.* 2017: 55, 57.

Pa: China: Qinghai (PAPE, 1006; ROHDENDORF, 1925b, 1930a; VERVES, 1982b, 1986, 1990).

Subtribe Apodacrina Rohdendorf, 1967b

Apodacrina Rohdendorf, 1967b: 63, 64, 66.

Apodacrina: VERVES *et al.* 2015a: 263.

11. *Apodacra* Macquart, 1854

Apodacra Macquart, 1854: 425. Type species: *Apodacra seriemaculata* Macquart, 1854.

Apodacra: FAN, 1992: 589; PAPE, 1996: 75; ROHDENDORF & VERVES, 1980: 462; SÉGUY, 1941a: 251; TOWNSEND, 1938: 99; VERVES, 1986: 68; 1990: 523, 538; VERVES *et al.* 2015a: 265.

Parapodacra Rohdendorf, 1925b: 68 [as subgenus of *Apodacra* Macquart, 1854]. Type species: *Apodacra chrysocephala* Rohdendorf, 1925.

Apodacra (*Parapodacra*): ROHDENDORF, 1930a: 19.

Parapodacra: TOWNSEND, 1935: 203; 1938: 134.

(48) *Apodacra argyrocephala* Rohdendorf, 1925.

Apodacra argyrocephala Rohdendorf, 1925b: 69. Type locality: China: Gansu, Gashun Gobi, Danché River S Dunhuang [as "au sud de Sadshzhou"].

Apodacra argyrocephala: PAPE, 1996: 75; VERVES *et al.*, 2015: 265.

Apodacra (*Parapodacra*) *argyrocephala*: ROHDENDORF, 1930a: 19; VERVES, 1986: 68; 1990: 539.

Pa: China: Gansu (ROHDENDORF, 1925b; VERVES *et al.*, 2015a).

(49) *Apodacra chrysocephala* Rohdendorf, 1925.

- Apodacra chrysocephala* Rohdendorf, 1925b: 70. Type locality: China: Gansu, Gashun Gobi, Danché River S Dunhuang [as "au sud de Sadshzhou"].
- Apodacra chrysocephala*: PAPE, 1996: 75; VERVES, 1990: 539; VERVES *et al.*, 2015a: 267.
- Apodacra (Parapodacra) chrysocephala*: ROHDENDORF, 1930a: 19; VERVES, 1986: 68.
- Apodacra fallax* Rohdendorf, 1925b: 70. Type locality: China: Gansu, Gashun Gobi, Danché River S Dunhuang [as "au sud de Sadshzhou"].
- Apodacra fallax*: PAPE, 1996: 77; VERVES, 1986: 69; 1990: 539. VERVES *et al.*, 2015a: 267.
- Apodacra (Parapodacra) fallax*: ROHDENDORF, 1930a: 20; VERVES, 1986: 69.
- Apodacra xanthocera* Rohdendorf, 1925b: 69. Type locality: China: Gansu, Gashun Gobi, Shibengu-Shigusa N Dunhuang [as "au nord de Satshzhou"].
- Apodacra (Parapodacra) poeciloptera* Rohdendorf, 1927: 167. Type locality: China: Neimenggu [as "Mongolei"].
- Pa: China: Gansu (ROHDENDORF, 1925b; VERVES, 1990), Neimenggu (ROHDENDORF, 1927, 1930a; VERVES, 1986; VERVES *et al.*, 2015a).
- (50) *Apodacra melanarista* Rohdendorf, 1925
- Apodacra melanarista* Rohdendorf, 1925b: 69. Type locality: China: Xinjiang, Gashun Gobi, Uiguria, Bugas River S Khami.
- Apodacra melanarista*: PAPE, 1996: 78; VERVES, 1990: 539; VERVES *et al.*, 2015a: 268.
- Apodacra (Parapodacra) melanarista*: ROHDENDORF, 1930a: 20; VERVES, 1986: 69.
- Pa: China: Xinjiang (ROHDENDORF, 1925b, 1930a; VERVES *et al.*, 2015a).
- (51) *Apodacra pulchra* Egger, 1861
- Apodacra pulchra* Egger, 1861: 216. Type locality: South France.
- Apodacra pulchra*: FAN, 1992: 590; PAPE, 1996: 79; ROHDENDORF, 1925b: 64; 1930a: 19; SÉGUY, 1941a: 256; VERVES, 1986: 68; VERVES *et al.*, 2015a: 268.
- Pa: China: Neimenggu (FAN, 1992; VERVES *et al.*, 2015a).
12. Genus *Xerophilomyia* Rohdendorf, 1925
- Xerophilomyia* Rohdendorf, 1925b: 64, as subgenus of *Apodacra*. Type species: *Apodacra leucocera* Rohdendorf, 1925.
- Xerophilomyia*: ROHDENDORF & VERVES, 1980: 461, 491; VERVES, 1986: 86; 1990: 522, 540; VERVES *et al.*, 2015a: 273.
- Apodacra (Xerophilomyia)*: ROHDENDORF, 1930a: 12.
- (52) *Xerophilomyia dictaeta* (Rohdendorf, 1925)
- Apodacra (Xerophilomyia) dictaeta* Rohdendorf, 1925b: 65. Type locality: China: Gansu, Gashun Gobi, Shibendu-Shigusa N Dunhuang [as "au nord de Satshzhou"].
- Xerophilomyia dictaeta*: ROHDENDORF & VERVES, 1980: 492; VERVES, 1986: 69; 1990: 541; VERVES *et al.*, 2015a: 274.
- Apodacra (Xerophilomyia) dictaeta*: ROHDENDORF, 1930a: 14.
- Apodacra dictaeta*: PAPE, 1996: 75.
- Pa: China: Gansu (ROHDENDORF, 1930a; ROHDENDORF & VERVES, 1980; VERVES, 1986, 1990; VERVES *et al.*, 2015a).
- (53) *Xerophilomyia melanothorax* Rohdendorf, 1930
- Apodacra (Xerophilomyia) melanothorax* Rohdendorf, 1930a: 15. Type locality: China: Neimenggu, Ala Shan, Tszosto.
- Xerophilomyia melanothorax*: ROHDENDORF & VERVES, 1980: 491; VERVES, 1986: 87; 1990: 540; VERVES *et al.*, 2015a: 274.
- Apodacra melanothorax*: PAPE, 1996: 78.
- Pa: China: Neimenggu (ROHDENDORF, 1930a; ROHDENDORF & VERVES, 1980; VERVES, 1986, 1990; VERVES *et al.*, 2015a).
- (54) *Xerophilomyia pachymetopa* (Rohdendorf, 1925)
- Apodacra (Xerophilomyia) pachymetopa* Rohdendorf, 1925b: 66. Type locality: China: Xinjiang, Gashun Gobi, Uiguria, Bugas River S Khami.
- Xerophilomyia pachymetopa*: ROHDENDORF & VERVES, 1980: 493; VERVES, 1986: 87; 1990: 540; VERVES *et al.*, 2015a: 274.
- Apodacra (Xerophilomyia) pachymetopa*: ROHDENDORF, 1930a: 15.
- Apodacra pachymetopa*: PAPE, 1996: 79.
- Pa: China: Xinjiang (ROHDENDORF, 1925b, 1930a; ROHDENDORF & VERVES, 1980; VERVES, 1986, 1990; VERVES *et al.*, 2015a).
- (55) *Xerophilomyia stenometopa* (Rohdendorf, 1925)
- Apodacra (Xerophilomyia) stenometopa* Rohdendorf, 1925b: 65. Type locality: China: Xinjiang, Uiguria, Khami. ROHDENDORF, 1930a: 13, 15.
- Xerophilomyia stenometopa*: ROHDENDORF & VERVES, 1980: 492; VERVES, 1986: 88; 1990: 462; VERVES *et al.*, 2015a: 274.
- Apodacra stenometopa*: PAPE, 1996: 75.
- Pa: China: Xinjiang (ROHDENDORF, 1925b, 1930a; ROHDENDORF & VERVES, 1980; VERVES, 1986, 1990; VERVES *et al.*, 2015a).
- Tribe Amobiini Townsend, 1918
- Amobiinae Townsend, 1918: 158.
13. Genus *Amobia* Robineau-Desvoidy, 1830
- Amobia* Robineau-Desvoidy, 1830: 96. Type species: *Amobia conica* Robineau-Desvoidy, 1830 [= *Tachina signata* Meigen, 1824].
- Amobia*: FAN, 1965: 304; 1992: 585; KURAHASHI, 1974: 57; PAPE, 1996: 71; ROHDENDORF & VERVES, 1980: 446; TOWNSEND, 1938: 98; VERVES, 1986: 61; 1990: 541; VERVES & KHROKALO, 2006b: 73, 89; XUE W. & CHAO, 1996: 1528, 1530; ZHANG D. *et al.*, 2011: 616.
- Pachyophthalmus* Brauer & Bergenstamm, 1889: 117. Type species: *Tachina signata* Meigen, 1824.
- Pachyophthalmus*: ROHDENDORF, 1935: 92; SÉGUY, 1941a: 285.
- (56) *Amobia auriceps* (Baranov, 1935)
- Pachyophthalmus auriceps* Baranov, 1935: 558. Type locality: Sri Lanka: Colombo.
- Amobia auriceps*: BARTÁK *et al.*, 2019: 48; KANO *et al.*, 1999: 130; KURAHASHI *et al.*, 2017: 36; PAPE, 1996: 72; SHIMADA *et al.*, 1961: 33; XIAO, 2010: 463.
- Pachyophthalmus auriceps*: HENNIG, 1941: 183.

Amobia pelopei [misidentification: not *Sphixapata pelopei* Rondani, 1859]: KURAHASHI, 1974: 57.

Or: China: Hainan (NANDI, 2002); Taiwan (BARTÁK *et al.*, 2019; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; SHIMADA *et al.*, 1961; XIAO, 2010).

(57) *Amobia oculata* (Zetterstedt, 1844)

Miltogramma oculata Zetterstedt, 1844: 1212. Type locality: Sweden: Gottland, Gärde.

Amobia oculata: BARTÁK *et al.*, 2019: 48; KURAHASHI *et al.*, 2017: 36; PAPE, 1996: 73.

Pachyophthalmus distortus Allen, 1926: 15. Type locality: USA: Pennsylvania, Stone Valley.

Amobia distorta: LIN & CHEN, 1999: 116; KURAHASHI, 1974: 57, 59; ZHANG B. *et al.*, 2011: 616.

Or: Taiwan (BARTÁK *et al.*, 2019; KURAHASHI, 1974; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; ZHANG B. *et al.*, 2011).

(58) *Amobia quatei* Kurahashi, 1974

Amobia quatei Kurahashi, 1974: 58. Type locality: Vietnam: Dalat.

Amobia quatei: BARTHÉLÉMY, 2010: 201; 2012: 3; PAPE, 1996: 72; ZHANG B. *et al.*, 2011: 616.

Amobia distorta [misidentification: not *Pachyophthalmus distortus* Allen, 1926]: XUE W. & CHAO, 1996: 1528, 1530; FAN, 1992: 586; FENG S. *et al.* 2012: 143.

Amobia oculata [misidentification: not *Miltogramma oculata* Zetterstedt, 1844]: FAN & PAPE, 1996: 239.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Shaanxi (FAN & PAPE, 1996; ZHANG D. *et al.*, 2011), Shanghai (FAN & PAPE, 1996), Sichuan (FAN & PAPE, 1996; ZHANG D. *et al.*, 2011); Or: China: Hong Kong (BARTHÉLÉMY, 2010, 2012), Jiangxi (ZHANG D. *et al.*, 2011).

(59) *Amobia signata* (Meigen, 1824).

Tachina signata Meigen, 1824: 303. Type locality: Germany.

Amobia signata: CHEN L. & ZHU, 2014: 24; CHEN L. *et al.*, 2015; FAN, 1965: 305; 1992: 585; PAPE, 1996: 74; ROHDENDORF & VERVES, 1980: 447; VERVES, 1986: 61; 1990: 542; VERVES & KHROKALO, 2006b: 91; ZHANG D. *et al.*, 2011: 617.

Pachyophthalmus signatus: ROHDENDORF, 1935: 94.

Pa: China: Beijing (CHEN L. & ZHU, 2014; CHEN L. *et al.*, 2015; ZHANG D. *et al.*, 2011), Shaanxi, Sichuan, Xinjiang (CHEN L. *et al.*, 2015); Tibet [=Xizang] (ZHANG D. *et al.*, 2011).

Tribe Oebaliini Rohdendorf, 1967b

Oebaliini Rohdendorf, 1967b: 68.

14. Genus *Oebalia* Robineau-Desvoidy, 1863

Oebalia Robineau-Desvoidy, 1863: 414. Type species: *Oebalia anacantha* Robineau-Desvoidy, 1863 [= *Tachina cylindrica* Fallén, 1810].

Oebalia: FAN, 1992: 596, 502; PAPE, 1996: 119; VERVES, 1986: 99; VERVES & KHROKALO, 2006b: 75, 93.

(60) *Oebalia harpax* Fan, 1987.

Oebalia harpax Fan, in: Fan *et al.*, 1987: 304, 306. Type locality: China: Xizang, Yadong, Xiashima.

Oebalia harpax: FAN, 1992: 604; PAPE, 1996: 120.

Pa: Tibet [= Xizang] (FAN *et al.*, 1987; PAPE, 1996).

(61) *Oebalia pedicella* Fan & Ma, 1988.

Oebalia pedicella Fan & Ma, 1988: 191. Type locality: China: Quinghai, Banma.

Oebalia pedicella: FAN, 1992: 603; PAPE, 1996: 120.

Pa: China: Quinghai (FAN & MA, 1988; FAN & PAPE, 1996; PAPE, 1996).

Tribe Phyllotelini Rohdendorf, 1935

Phyllotelini Rohdendorf, 1937: 25.

Subtribe Arabiscina Rohdendorf, 1967

Arabiscina Rohdendorf, 1967b: 69, 70.

15. Genus *Sphecatodes* Villeneuve, 1912

Sphecatodes Villeneuve, 1912b: 507. Type species: *Sphecatodes ornatus* Villeneuve, 1912.

Sphecatodes: PAPE, 1996: 142; ROHDENDORF, 1935: 92; 1975: 217; SÉGUY, 1941a: 246; VERVES, 1986: 107; 1990: 520, 544; ZHANG M. *et al.* 2014: 58.

Turkmenisca Rohdendorf, 1975: 220. Type species: *Turkmenisca inornata* Rohdendorf, 1975.

Turkmenisca: VERVES, 1986: 108.

Arabisca Rohdendorf, 1937: 46; nomen nudum. Type species: *Arabisca dimorpha* Rohdendorf, 1937.

(62) *Sphecatodes kaszabi* Rohdendorf & Verves, 1980.

Sphecatodes kaszabi Rohdendorf & Verves, 1980: 512. Type locality: Mongolia: Bayan Khongor aimak, Ekhin Gol Oasis 90 km N from Caganbulag.

Sphecatodes kaszabi: PAPE, 1996: 144; VERVES, 1986: 107; 1990: 544; ZHANG M. *et al.* 2014: 49.

Arabisca dimorpha Rohdendorf, 1937: 46; nomen nudum.

Sphecatodes ornatus [misidentification: not *Sphecatodes ornatus* Villeneuve, 1912]: ROHDENDORF, 1975: 217.

Pa: China: Xinjiang (ZHANG M. *et al.*, 2014).

(63) *Sphecatodes xuei* Zhang M., Chu, Pape & Zhang D., 2014.

Sphecatodes xuei Zhang M. *et al.*, 2014: 57. Type locality: China: Xinjiang, Altay, Kalamaili, 44°51'36"N 89°5'24"E.

Pa: China: Xinjiang (ZHANG M. *et al.*, 2014).

Subtribe Hoplocephalina Rohdendorf, 1967b

Hoplocephalina Rohdendorf, 1967b: 69, 71 [as "Hoplocephalina"].

16. Genus *Synorbitomyia* Townsend, 1932

Synorbitomyia Townsend, 1932: 442. Type species: *Hoplocephala linearis* Villeneuve, 1929.

Synorbitomyia: FAN, 1992: 609, 611; KURAHASHI, 1973: 17; ROHDENDORF, 1975: 227; VERVES, 1980: 81; 1986: 107.

(64) *Synorbitomyia linearis* (Villeneuve, 1929).

Hoplocephala linearis Villeneuve, 1929: 61. Type locality: Taiwan: Tainan.

Hoplocephala linearis: KURAHASHI *et al.*, 2017: 36; PAPE, 1996: 91; XIAO, 2010: 463.

Synorbitomyia linearis: BARTÁK *et al.*, 2019: 48; FAN, 1992: 610; KURAHASHI, 1973: 17; LIN & CHEN, 1999: 116; ROHDENDORF, 1975: 228; SHIMADA *et al.*, 1961: 33; VERVES, 1980: 82; 1986: 107.

Pa: China: Jiangsu (FAN, 1992); Or: China: Zhejiang (FAN, 1992); Taiwan (BARTÁK *et al.*; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; VILLENEUVE, 1929; XIAO, 2010).

Subtribe Mesomelaenina Verves, 1989

Mesomelaenina Verves, 1989: 118, 119.

17. Genus *Mesomelena* Rondani, 1959

Mesomelena Rondani, 1959: 206. Type species: *Mesomelena loewi* Rondani, 1959 (= *Metopia mesomelaena* Löw, 1848).

Mesomelena: PAPE, 1996: 96.

Mesomelaena [incorrect subsequent spelling of *Mesomelena* Rondani, 1959]: FAN, 1965: 298; 1992: 597, 608; ROHDENDORF, 1975: 185; SÉGUY, 1941a: 319; VERVES, 1986: 95; 1990: 523; VERVES & KHROKALO, 2006b: 75, 94; XUE W. & CHAO, 1996: 1528, 1537.

(65) *Mesomelena mesomelaena* Löw, 1848

Metopia mesomelaena Löw, 1848: 377. Type locality: Hungary.

Mesomelena mesomelaena: PAPE, 1996: 97.

Mesomelaena mesomelaena: FAN, 1965: 299; 1992: 608; PIWCZYŃSKI *et al.* 2017: 55, 57; ROHDENDORF, 1975: 186; SÉGUY, 1941a: 319; VERVES, 1986: 95; 1990: 549; VERVES & KHROKALO, 2006b: 75, 94; XUE W. & CHAO, 1996: 1537.

Pa: China: Heilongjiang, Neimenggu (FAN, 1965; VERVES & KHROKALO, 2006b; XUE W. & CHAO, 1996).

Subtribe Metopodiina Rohdendorf, 1967

Metopodiina Rohdendorf, 1967b: 66.

18. Genus *Metopodia* Brauer et Bergenstamm, 1891

Metopodia Brauer et Bergenstamm, 1891: 359. Type species: *Miltogramma grisea*: Brauer & Bergenstamm, 1891 (= *Metopia pilicornis* Pandellé, 1895; not *Miltogramma grisea* Meigen, 1824).

Metopodia: FAN, 1992: 505, 597; PAPE, 1996: 104; ROHDENDORF, 1935: 111; VERVES, 1986: 98; 1990: 520, 542; VERVES & KHROKALO, 2006b: 73, 91.

(66) *Metopodia pilicornis* (Pandellé, 1895)

Metopia pilicornis Pandellé, 1895: 304. Type locality: France: Apt.

Metopodia pilicornis: PAPE, 1996: 104; PIWCZYŃSKI *et al.* 2017: 55, 57; VERVES & KHROKALO, 2006b: 91.

Metopodia grisea [misidentification: not *Metopia grisea* Meigen, 1824]: BRAUER & BERGENSTAMM, 1891: 430; FAN, 1992: 597; ROHDENDORF, 1930a: 112; VERVES, 1986: 98; 1990: 542.

Hilarella grisea: SÉGUY, 1941a: 302.

Pa: China: Hebei, Shanxi (FAN, 1992; VERVES & KHROKALO, 2006b).

Subtribe Parthomyiina Rohdendorf, 1967

Parthomyiina Rohdendorf, 1967b: 69.

19. Genus *Sphecatoclea* Villeneuve, 1909

Sphecatoclea Villeneuve, 1909: 155. Type species: *Sphecatoclea excisa* Villeneuve, 1909.

Sphecatoclea: PAPE, 1996: 142; ROHDENDORF, 1975: 211; SÉGUY, 1941a: 244; VERVES, 1986: 106.

Parthomyia Rohdendorf, 1925a: 82. Type species: *Parthomyia iranica* Rohdendorf, 1925.

Parthomyia: ROHDENDORF, 1975: 202; VERVES, 1986: 105; 1990: 520, 544.

(67) *Sphecatoclea alashanica* (Rohdendorf, 1975)

Parthomyia alashanica Rohdendorf, 1975: 203. Type locality: China: Neimenggu/Ningxia [as "Gansu, Alashan Gebirgskette, Tshalon-Ongotso"].

Sphecatoclea alashanica: PAPE, 1996: 142.

Parthomyia alashanica: VERVES, 1986: 95; 1990: 544.

Pa: China: Neimenggu, Ningxia (PAPE, 1996; ROHDENDORF, 1975).

Subtribe Phyllotelina Rohdendorf, 1967

20. Genus *Phylloteles* Löw, 1844

Phylloteles Löw, 1844: 168. Type species: *Phylloteles pictipennis* Löw, 1844.

Phylloteles: FAN, 1992: 609; PAPE, 1989: 193; 1996: 126; ROHDENDORF, 1975: 230; SÉGUY, 1941a: 320; VERVES, 1986: 106; 1990: 520, 542; VERVES & KHROKALO, 2006b: 73, 91; ZUMPT, 1973: 308.

Thelodiscoprosopa Townsend, 1932: 444. Type-species: *Thelodiscoprosopa formosana* Townsend, 1932.

(68) *Phylloteles formosana* (Townsend, 1932)

Thelodiscoprosopa formosana Townsend, 1932: 445. Type locality: Taiwan: Hengchun, Gangkou [as "Formosa: Koshun (Kankau)"].

Thelodiscoprosopa formosana: SHIMADA *et al.*, 1961: 33.

Phylloteles formosana: KURAHASHI *et al.*, 2017: 36; PAPE, 1989: 198; 1996: 126; VERVES & KHROKALO, 2006b: 92; XIAO, 2010: 463.

Phylloteles stackelbergi Rohdendorf, 1975: 233. Type locality: Russia: Khabarovski Krai, Island on Amur River near Khabarovsk.

Phylloteles stackelbergi: CHEN L. & ZHU, 2014: 24. FAN, 1992: 610; VERVES, 1986: 106; 1990: 544.

Phylloteles pictipennis [misidentification: not *Phylloteles pictipennis* Löw, 1844]: LIN & CHEN, 1999: 116.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1992), Hebei (FAN, 1992); Or: Taiwan (KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; TOWNSEND, 1932; XIAO, 2010).

(69) *Phylloteles pictipennis* Löw, 1844.

Phylloteles pictipennis Löw, 1844: 168. Type locality: Turkey: Mermeriza.

Phylloteles pictipennis: FAN, 1992: 610; PAPE, 1989: 193; 1996: 127; ROHDENDORF, 1975: 231; SÉGUY, 1941a: 321; VERVES, 1986: 106; 1990: 544.

Pa: China: Sichuan (FAN, 1992).

Tribe Metopiini Thayer, Newton & Pape, 1992

Metopiini Thayer *et al.*, 1992: 202.

Metopiini Townsend, 1908: 64 [nec Metopiini Raffray, 1904: type genus - *Metopias* Gory, 1832 (Coleoptera, Curculionidae); nec Metopiini Förster, 1869 (as Metopiinae): type genus - *Metopius* Panzer, 1806 (Hymenoptera, Ichneumonidae)]

Subtribe *Metopiaina* Thayer, Newton & Pape, 1992

21. Genus *Metopia* Meigen, 1803

Metopia Meigen, 1803: 280. Type species: *Musca leucocephala* Rossi, 1790 (= *Tachina argyrocephala* Meigen, 1824).

Metopia: FAN, 1965: 299; 1992: 597, 604; PAPE, 1986: 1; 1996: 97; ROHDENDORF, 1955: 360; 1971b: 140; SÉGUY, 1941a: 306; VENTURI, 1952: 147; 1960: 83; VERVES, 1986: 95; 1990: 522, 549; VERVES & KHROKALO, 2006b: 75, 96; XUE W. & CHAO, 1996: 1528, 1537.

Ophelia Robineau-Desvoidy, 1830: 120 [junior homonym of *Ophelia* Savigny, 1822; Annelida: Polychaeta]. Type species: *Ophelia gracilis* Robineau-Desvoidy, 1830 (= *Tachina campestris* Fallén, 1810).

Anicia Robineau-Desvoidy, 1863: 99. Type species: *Anicia sabulosa* Robineau-Desvoidy, 1863 (= *Tachina campestris* Fallén, 1810).

Chaetoanicia Townsend, 1932: 445. Type species: *Chaetoanicia sauteri* Townsend, 1932.

Chaetoanicia: ROHDENDORF, 1975: 196; VERVES, 1986: 89.

Fanestria Venturi, 1960: 86 [as subgenus of *Metopia*]. Type species: *Metopia grandii* Venturi, 1952.

Opheliella Rohdendorf, 1955: 363 [as subgenus of *Metopia*]. Type species: *Tachina campestris* Fallén, 1810.

Nepalometopia Rohdendorf, 1966: 462. Type species: *Nepalometopia brunneipennis* Rohdendorf, 1966 (= *Chaetoanicia sauteri* Townsend, 1932).

Australoanicia Verves, 1979a: 890 [as subgenus of *Metopia*]. Type species: *Opsidiopsis nudibasis* Malloch, 1930.

(70) *Metopia argentata* Macquart, 1850.

Metopia argentata Macquart, 1850a: 442. Type locality: Switzerland: Malans, near Coire.

Metopia argentata: BARTÁK *et al.*, 2019: 48; FAN, 1992: 607; KURAHASHI *et al.*, 2017: 36; PAPE, 1996: 98; PIWCZYŃSKI *et al.* 2017: 55, 57; VERVES & KHROKALO, 2006b: 97; XUE W. & CHAO, 1996: 1540, 1543.

Metopia instruens Walker, 1860a: 129. Type locality: Indonesia: Sulawesi, Ujung Padang.

Metopia instruens: LIN & CHEN, 1999: 116; SHIMADA *et al.*, 1961: 33; XIAO, 2010: 463; XUE W. & CHAO, 1996: 1540, 1543.

Metopia roseri Rondani, 1859: 210. Type locality: Germany.

Metopia roseri: PAPE, 1986: 3; VERVES, 1990: 551.

Metopia (s. str.) *stackelbergi* Rohdendorf, 1955: 369. Type locality: Ukraine: Chernigiv region, Sosnytza village.

Metopia stackelbergi: CHAO & SHI, 1982: 227; FAN, 1992: 608; ROHDENDORF, 1971b: 147; VERVES, 1986: 68; XUE & CHAO, 1996: 1540; ZHANG G. & ZHANG, 2010: 292.

Pa: China: Hebei (FAN, 1992; FAN & PAPE, 1996; XUE W. & CHAO, 1996), Jilin (ZHANG G. & ZHANG Z., 2010), Sichuan (FAN, 1992; XUE W. & CHAO, 1996); Or: Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; XIAO, 2010).

(71) *Metopia argyrocephala* (Meigen, 1824)

Tachina argyrocephala Meigen, 1824: 372. Type locality: Germany.

Metopia argyrocephala: BARTÁK *et al.*: 48; CHEN L. *et al.* 2015: 324; FAN, 1965: 301; 1992: 608. FENG S. *et al.* 2012: 143; JI *et al.* 2011: 477; KURAHASHI *et al.*, 2017: 36; LIN & CHEN, 1999: 116; KURAHASHI *et al.*, 2017: 36; PAPE, 1986: 3; 1996: 98; PIWCZYŃSKI *et al.* 2017: 55, 57; ROHDENDORF, 1955: 366; 1971b: 145; VERVES, 1986: 97; 1990: 551;

VERVES & KHROKALO, 2006b: 97; WEI, 2007: 544; XIAO, 2010: 463; XUE W. & CHAO, 1996: 1540; ZHANG B. *et al.* 2010: 360; ZHANG G. *et al.*, 2010: 989; ZHANG G. & ZHANG Z., 2010: 292.

Musca leucocephala Rossi, 1790: 306. Type localities: Italy: Tuscany, Florence; Tuscany, Pisa [junior homonym of *Musca leucocephala* Villers, 1789; Diptera: Sarcophagidae].

Metopia leucocephala: FAN, 1965: 301; SHIMADA *et al.*, 1961: 33; VENTURI, 1952: 155; 1960: 84.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Beijing, Hebei, Henan, Heilongjiang (FAN, 1992), Jilin (ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG, 2010), Neimenggu, Qinghai, Xinjiang (CHEN L. *et al.*, 2015; FAN, 1965, 1992), Shanghai (JI *et al.*, 2011); Or: China: Fujian (FAN, 1965, 1992), Guizhou (WEI, 2007), Hainan (ZHANG B. *et al.*, 2010), Yunnan, Zhejiang (FAN, 1965, 1992); Taiwan (KURAHASHI, 1970; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; PAPE, 1996; XIAO, 2010).

(72) *Metopia auripulvera* Chao & Zhang, 1988

Metopia auripulvera Chao & Zhang, 1988a: 284. Type locality: China: Yunnan, Lushui, Yaojiaping.

Metopia auripulvera: PAPE, 1996: 99. XUE W. & CHAO, 1996: 1539, 1540; ZHANG D. *et al.*, 2015: 456.

Pa: China: Sichuan; Or: Yunnan (CHAO & ZHANG, 1988a; XUE W. & CHAO, 1996).

(73) *Metopia campestris* (Fallén, 1810)

Tachina campestris Fallén, 1810: 266. Type locality: Sweden: probably Skåne.

Metopia campestris: CHEN L. & ZHU, 2014: 24. FAN, 1992: 606; LI M. *et al.*, 2014: 549; PAPE, 1996: 100; VERVES & KHROKALO, 2006b: 96; XUE W. & CHAO, 1996: 1539, 1541.

Metopia (Opheliella) campestris: ROHDENDORF, 1955: 364.

Metopia (Anicia) campestris: ROHDENDORF, 1971b: 142; ROHDENDORF & VERVES, 1980: 502; VERVES, 1986: 96; 1990: 551.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1992), Hebei, Heilongjiang, Neimenggu, Xinjiang (PAPE, 1996), Shanxi (LI M. *et al.*, 2014); Or: China: Yunnan (PAPE, 1996).

(74) *Metopia nudibasis* (Malloch, 1930)

Opsidiopsis nudibasis Malloch, 1930: 439. Type locality: Australia: Queensland, Eidsvold.

Metopia nudibasis: KANO *et al.*, 1999: 131; KURAHASHI, 1970: 106; PAPE, 1986: 5; 1996: 102; XUE W. & CHAO, 1996: 1540, 1543; ZHANG B. *et al.*, 2010: 360.

Metopia (Australoanicia) nudibasis: VERVES, 1979a: 890; 1986: 97.

Or: China: Hong Kong (KURAHASHI, 1970), Guangdong (KANO *et al.*, 1999; ZHANG B. *et al.*, 2010), Zhejiang (KANO *et al.*, 1999; PAPE, 1996; XUE W. & CHAO, 1996).

(75) *Metopia pollenia* Chao & Zhang, 1988

Metopia pollenia Chao & Zhang, 1988a: 284. Type locality: China: Sichuan, Xiangcheng, Chaik.

Metopia pollenia: PAPE, 1996: 102; XUE W. & CHAO, 1996: 1539, 1540; ZHANG D. *et al.*, 2015: 459.

China: Pa: Sichuan (CHAO & ZHANG, 1988a; PAPE, 1996; XUE W. & CHAO, 1996).

(76) *Metopia sauteri* (Townsend, 1932)

Chaetoanicia sauteri Townsend, 1932: 446. Type locality: Taiwan: Hengchun (Gangkou) [as "Koshun (Kankau)"].

Metopia sauteri: BARTÁK *et al.*, 2019: 48; KANO *et al.*, 1999: 131; KURAHASHI, 1970: 108; KURAHASHI *et al.*, 2017: 36; FAN, 1992: 605; LIN & CHEN, 1999: 116; PAPE, 1986: 4; 1996: 103; XIAO, 2010: 463; XUE W. & CHAO, 1996: 1539, 1543.

Chaetoanicia sauteri: ROHDENDORF, 1975: 197; SHIMADA *et al.*, 1961: 33; VERVES, 1986: 89.

Metopia zosea Séguy, 1935: 182. Type locality: China: Shanghai, Sheshan [as "Zo-sé"].

Metopia zosea: VERVES, 1986: 98; XUE W. & CHAO, 1996: 1543.

Metopia (Opheliella) amamiensis Fan, 1965: 302. Type locality: Japan: Ryukyu Is., Amami-Oshima I.

Metopia amamiensis: KURAHASHI, 1970: 108.

Pa: China: Changhai (FAN, 1992; KANO *et al.*, 1999; SÉGUY, 1935; XUE & CHAO, 1996); Or: China: Yunnan (FAN, 1992; KANO *et al.*, 1999; SÉGUY, 1935; XUE W. & CHAO, 1996); Taiwan (BARTÁK *et al.*, 2019; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; TOWNSEND, 1932; XIAO, 2010).

(77) *Metopia sinensis* Pape, 1986

Metopia sinensis Pape, 1986: 5. Type locality: China: Zhejiang: Hangzhou [= Hangchow].

Metopia sinensis: PAPE, 1996: 103; SCHWENDINGER & PAPE, 2000: 353.

Or: China: Zhejiang (PAPE, 1996).

(78) *Metopia suifenhoensis* Fan, 1965

Metopia suifenhoensis Fan, 1965: 300. Type locality: China: Heilongjiang, Suifenhe.

Metopia suifenhoensis: FAN, 1992: 605; KURAHASHI, 1970: 109; PAPE, 1986: 4; 1996: 103; XUE W. & CHAO, 1996: 1539, 1543; VERVES, 1986: 98; VERVES & KHROKALO, 2006b: 96.

Pa: China: Heilongjiang, Neimenggu, Sichuan (FAN, 1992; VERVES, 1986; XUE W. & CHAO, 1996); Or: China: Yunnan (PAPE, 1996).

(79) *Metopia tshernovae* Rohdendorf, 1955

Metopia tshernovae Rohdendorf, 1955: 368. Type locality: Kazakhstan: Kustanay [= Kostanay] Region, Borovoe.

Metopia tshernovae: BARTÁK *et al.*, 2019: 48; FAN, 1992: 605; PAPE, 1986: 3; 1996: 104; ROHDENDORF, 1971b: 149; VERVES, 1986: 98; 1990: 552; VERVES & KHROKALO, 2006b: 98; XUE W. & CHAO, 1996: 1539, 1543.

Pa: China: Neimenggu; Or: Yunnan (FAN, 1992; XUE W. & CHAO, 1996).

(80) *Metopia yunnanica* Chao & Zhang, 1988

Metopia yunnanica Chao C. & Zhang, 1988a: 284. Type locality: China: Yunnan, Lushui, Nima.

Metopia yunnanica: FAN, 1992: 605; KANO *et al.*, 1999: 132; PAPE, 1996: 104; XUE & CHAO, 1996: 1539, 1543; ZHANG D. *et al.*, 2015: 461.

Or: China: Yunnan (CHAO & ZHANG, 1988a; KANO *et al.*, 1999; XUE W. & CHAO, 1996; ZHANG D. *et al.*, 2015).

(81) *Metopia zenigoi* Kurahashi, 1970

Metopia zenigoi Kurahashi, 1970: 111. Type locality: Japan: Honshu, Kanazawa Prefecture, Kanaiwa.

Metopia zenigoi: ZHANG G. & ZHANG, 2010: 293.

Pa: China: Jilin (ZHANG G. & ZHANG, 2010).

Subtribe Phrosinellina Verves, 1989

Phrosinellina Verves, 1989: 119.

Phrosinellina: VERVES & KHROKALO, 2017: 43.

22. Genus *Phrosinella* Robineau-Desvoidy, 1863

Phrosinella Robineau-Desvoidy, 1863: 82. Type species: *Phrosina argyrina* Robineau-Desvoidy, 1863 (= *Tachina nasuta* Meigen, 1824).

Phrosinella: FAN, 1992: 597, 609; PAPE, 1996: 29, 122; ROHDENDORF, 1935: 110; 1971a: 446; 1971b: 132; VENTURI, 1960: 82; VERVES, 1986: 102; 1990: 523, 552; VERVES & KHROKALO, 2006b: 75, 101; 2017: 46, 48.

Pedimyia Rohdendorf, 1925a: 81. Type species: *Pedimyia fedtshenkoi* Rohdendorf, 1925.

22.1. Subgenus *Asiometopia* Rohdendorf, 1935

Asiometopia Rohdendorf, 1935: 126 [as genus]. Type species: *Pedimyia kozlovi* Rohdendorf, 1924.

Phrosinella (Asiometopia): VERVES, 1990: 553; VERVES & KHROKALO, 2006b: 102; 2017: 46, 49.

Asiometopia: FAN, 1965: 296; 1992: 595, 597; ROHDENDORF, 1971b: 129; VERVES, 1986: 88; VERVES & KHROKALO, 2017: 46, 49; XUE & CHAO, 1996: 1528, 1532.

(82) *Phrosinella (Asiometopia) kozlovi* (Rohdendorf, 1925).

Pedimyia kozlovi Rohdendorf, 1925a: 83. Type locality: China: Gansu, Gashun Gobi, Shibendu-Shigusa N Dunhuang [as "nördlich von Sadshzhou"].

Phrosinella (Asiometopia) kozlovi: VERVES & KHROKALO, 2006b: 102; 2017: 49.

Phrosinella kozlovi: PAPE, 1996: 124.

Asiometopia (s. str.) kozlovi: ROHDENDORF & VERVES, 1980: 498; VERVES, 1986: 88; 1990: 553.

Asiometopia kozlovi: FAN, 1992: 598; ROHDENDORF, 1971b: 129; XUE W. & CHAO, 1996: 1532.

Asiometopia burjata Rohdendorf, 1935: 128. Type locality: Russia: Buriatia, Chikoi River, Dureny.

Pa: China: Gansu (ROHDENDORF, 1925a, 1971b; VERVES & KHROKALO, 2017), Neimenggu (FAN, 1992; VERVES & KHROKALO, 2017; XUE W. & CHAO, 1996).

(83) *Phrosinella (Asiometopia) tadhika* (Rohdendorf, 1935).

Asiometopia tadhika Rohdendorf, 1935: 127. Type locality: Uzbekistan: Bukhara Region, between Jargak and Sarai Lialyk.

Phrosinella (Asiometopia) tadhika: VERVES & KHROKALO, 2017: 50.

Phrosinella tadhika: PAPE, 1996: 125.

Asiometopia (s. str.) tadhika: VERVES, 1986: 88.

Asiometopia tadhika: ROHDENDORF, 1971b: 130; XUE W. & CHAO, 1996: 1532.

Pa: China: Neimenggu, Xinjiang (VERVES & KHROKALO, 2017; XUE & CHAO, 1996).

(84) *Phrosinella (Asiometopia) ujugura* (Rohdendorf, 1935)

Asiometopia ujugura Rohdendorf, 1935: 127. Type locality: Uzbekistan: near Khiva.

Phrosinella (Asiometopia) ujugura: VERVES & KHROKALO, 2017: 50.

Phrosinella ujugura: PAPE, 1996: 125.

Asiometopia (s. str.) ujugura: VERVES, 1986: 88.

Asiometopia ujugura: ROHDENDORF, 1971b: 130; XUE W. & CHAO, 1996: 1532.

Pa: China: Xinjiang (ROHDENDORF, 1971b; VERVES & KHROKALO, 2017; XUE W. & CHAO, 1996).

22.2. Subgenus *Caspiomyia* ROHDENDORF, 1935

Caspiomyia Rohdendorf, 1935: 127 [as subgenus of *Asiometopia*]. Type species: *Asiometopia (Caspiomyia) persa* Rohdendorf, 1935.

Phrosinella (Caspiomyia): VERVES & KHROKALO, 2017: 46, 50.

Asiometopia (Caspiomyia): FAN, 1992: 598; VERVES, 1986: 89; XUE W. & CHAO, 1996: 1532.

(85) *Phrosinella (Caspiomyia) persa* (Rohdendorf, 1935)

Asiometopia (Caspiomyia) persa Rohdendorf, 1935: 127. Type locality: Iran: Aşyr Ada I.

Phrosinella (Caspiomyia) persa: VERVES & KHROKALO, 2017: 50.

Phrosinella persa: PAPE, 1996: 124.

Asiometopia (Caspiomyia) persa: FAN, 1992: 598; ROHDENDORF & VERVES, 1980: 498; VERVES, 1986: 89; 1990: 553; XUE W. & CHAO, 1996: 1532.

Pa: China: Neimenggu (FAN, 1992; VERVES & KHROKALO, 2017; XUE W. & CHAO, 1996).

22.3. Subgenus *Phrosinella (s. str.)*(86) *Phrosinella (s. str.) nasuta* (Meigen, 1824)

Tachina nasuta Meigen, 1824: 374. Type locality: Europe: probably Germany.

Phrosinella (s. str.) nasuta: VERVES, 1986: 102; 1990: 552; VERVES & KHROKALO, 2006b: 101; 2017: 54.

Phrosinella nasuta: FAN, 1992: 609; PAPE, 1996: 29, 124; ROHDENDORF, 1971a: 447, 449; 1971b: 135.

Pa: China: Neimenggu (FAN, 1992; VERVES & KHROKALO, 2017).

Subtribe *Sphenometopiina* Verves, 1989

Sphenometopiina Verves, 1989: 118, 119.

23. Genus *Sphenometopa* Townsend, 1908

Sphenometopa Townsend, 1908: 64. Type species: *Araba nebulosa* Coquillett, 1902.

Sphenometopa: FAN, 1992: 596; PAPE, 1990: 435; 1995: 10; 1996: 144; ROHDENDORF, 1967a: 450; 1971b: 152; 1975: 177; VERVES, 1990: 522, 553; VERVES & KHROKALO, 2006b: 75, 101.

Araba: Coquillett, 1897: 127 [misidentification: not *Araba* Robineau-Desvoidy, 1830]: FAN, 1965: 296, 297.

Styloneuria [misidentification: not *Styloneuria* Brauer & Bergenstamm, 1891]: VERVES, 1982c: 551.

Eumetopiella [misidentification: not *Eumetopiella* Hendel, 1907]: FAN, 1992: 599; VERVES, 1984: 539; 1986: 89.

23.1. Subgenus *Arabiopsis* Townsend, 1915

Arabiopsis Townsend, 1915: 285 [as genus]. Type species: *Arabiopsis cocklei* Townsend, 1915 (= *Eumetopia stelviana* Brauer & Bergenstamm, 1891).

Sphenometopa (Arabiopsis): ROHDENDORF, 1967a: 457; 1971b: 157.

(87) *Sphenometopa (Arabiopsis) stelviana* Brauer & Bergenstamm, 1891

Eumetopia stelviana Brauer & Bergenstamm, 1891: 360. Type locality: Italy: Trentino-Alto Adige, Stilfser Joch.

Sphenometopa (Arabiopsis) stelviana: ROHDENDORF, 1971: 157.

Pariosticha stelviana: VENTURI, 1960: 104.

Eumetopiella (Arabiopsis) stelviana: VERVES, 1986: 90.

Sphenometopa stelviana: PAPE, 1996: 150.

Sphenometopa (Tarsaraba) stelviana: ZHANG D. *et al.*, 2015: 471.

Sphenometopa mesomelanae Chao & Zhang, 1988a: 281. Type locality: China: Sichuan, Litang, Kangka.

Sphenometopa mesomelanae: PAPE, 1996: 148.

Eumetopiella mesomelanae: XUE W. & CHAO, 1996: 1534, 1536.

Eumetopiella (Arabiopsis) mesomelanae: FAN, 1992: 600, 609.

Pa: China: Sichuan (CHAO & ZHANG, 1988a; FAN, 1992; XUE W. & CHAO, 1996; ZHANG D. *et al.*, 2015).

23.2. Subgenus *Asiaraba* Rohdendorf, 1967

Asiaraba Rohdendorf, 1967a: 451 [as subgenus of *Sphenometopa*]. Type species: *Sphenometopa (Asiaraba) stackelbergi* Rohdendorf, 1967.

Sphenometopa (Asiaraba): ROHDENDORF, 1971b: 159.

Eumetopiella (Asiaraba): VERVES, 1984: 542; 1986: 91.

(88) *Sphenometopa (Asiaraba) jacobsoni* Rohdendorf, 1967.

Sphenometopa (Asiaraba) jacobsoni Rohdendorf, 1967a: 457. Type locality: Tajikistan: Khorog at River Gunt.

Sphenometopa (Asiaraba) jacobsoni: ROHDENDORF, 1971b: 160.

Sphenometopa jacobsoni: PAPE, 1996: 147.

Eumetopiella (Asiaraba) jacobsoni: FAN, 1992: 602; VERVES, 1986: 91; XUE W. & CHAO, 1996: 1534.

Pa: China: Xinjiang (FAN, 1992; XUE W. & CHAO, 1996).

(89) *Sphenometopa (Asiaraba) koulingiana* (Séguy, 1941)

Araba koulingiana Séguy, 1941a: 318. Type locality: China: Jiangxi, Mt. Lushan, Kouling.

Sphenometopa (Asiaraba) koulingiana: BARTÁK *et al.*, 2019: 48; CHAO & ZHANG, 1982: 227; ROHDENDORF, 1975: 185.

Sphenometopa koulingiana: FENG Y. *et al.*, 2016: 371; KURAHASHI, 1970: 106; PAPE, 1996: 147; ZHANG, G. & ZHANG Z., 2010: 293.

Eumetopiella (Asiaraba) koulingiana: FAN, 1992: 602; VERVES, 1986: 91; XUE W. & CHAO, 1996: 1534.

Eumetopiella koulingiana: CHEN L. & ZHU, 2014: 24; FENG Y., 2011: 548.

Araba koulingiana: FAN, 1965: 297.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1965, 1997), Henan (FAN, 1992), Jilin (ZHANG G. & ZHANG Z., 2010), Liaoning (FAN, 1992; XUE W. & CHAO, 1996), Shandong (FAN, 1992; XUE W. & CHAO, 1996), Sichuan (FAN, 1992; FENG Y., 2011; FENG Y. *et al.*, 2016; XUE W. & CHAO, 1996); Tibet [= Xizang] (CHAO & ZHANG, 1982; XUE & CHAO, 1996); Or: China: Jiangxi (SÉGUY, 1941a), Yunnan (XUE W. & CHAO, 1996).

(90) *Sphenometopa (Asiaraba) kozlovi* Rohdendorf, 1967.

Sphenometopa (Asiaraba) kozlovi Rohdendorf, 1967a: 458. Type locality: China: Neimenggu, Ala Shan, Jamata Suburgan-Gol.

Sphenometopa (Asiaraba) kozlovi: ROHDENDORF, 1971b: 161; VERVES, 1990: 554; VERVES & KHROKALO, 2006b: 104.

Sphenometopa kozlovi: PAPE, 1996: 147; XIAO, 2010: 463.

Eumetopiella (Asiaraba) kozlovi: FAN, 1992: 602; MA G. *et al.*, 2014: 449; VERVES, 1984: 540; 1986: 91; XUE W. & CHAO, 1996: 1534, 1536.

Eumetopiella kozlovi: CHEN L. & ZHU, 2014: 24; LI M. *et al.*, 2014: 549.

Pa: China: Beijing (CHEN L. & ZHU, 2014; PAPE, 1996), Neimenggu (ROHDENDORF, 1967a, 1971b; XUE W. & CHAO, 1996), Shanxi (LI M. *et al.*, 2014; MA G. *et al.*, 2014), Xinjiang (CHEN L. *et al.* 2015).

(91) *Sphenometopa (Asiaraba) matsumurai* Rohdendorf, 1967

Sphenometopa (Asiaraba) matsumurai Rohdendorf, 1967a: 457. Type locality: Japan: Hokkaido, Obihiro.

Sphenometopa (Asiaraba) matsumurai: ROHDENDORF, 1971b: 162; VERVES & KHROKALO, 2006b: 104.

Sphenometopa matsumurai: KURAHASHI, 1970: 102; PAPE, 1996: 148.

Eumetopiella (Asiaraba) matsumurai: VERVES, 1986: 91; XUE W. & CHAO, 1996: 1534, 1536.

Or: Taiwan (BARTÁK *et al.*, 2019; XIAO, 2010; XUE W. & CHAO, 1996).

23.3. Subgenus *Euaraba* Townsend, 1915

Euaraba Townsend, 1915: 20 [as genus]. Type species: *Araba tergata* Coquillett, 1915.

Eumetopia Brauer et Bergenstamm, 1889: 114 [junior homonym of *Eumetopia* Westwood, 1837; Hemiptera: Thyreocoridae, and *Eumetopia* Macquart, 1848; Diptera: Otitidae]. Type species: *Tachina fastuosa* Meigen, 1824.

Sphenometopa (Euaraba): ROHDENDORF, 1967a: 452; 1971b: 173; 1975: 177.

(92) *Sphenometopa (Euaraba) licenti* (Séguy, 1962)

Araba licenti Séguy, 1962: 455. Type locality: China: Shanxi, Tsi-li-yu.

Sphenometopa licenti: PAPE, 1996: 147; ROHDENDORF, 1975: 184.

Eumetopiella (Euaraba) licenti: VERVES, 1986: 91.

Eumetopiella licenti: FAN, 1992: 600; XUE W. & CHAO, 1996: 1534, 1536.

Pa: China: Shanxi (SÉGUY, 1962; XUE W. & CHAO, 1996).

(93) *Sphenometopa (Euaraba) mongolica* (Fan, 1965)

Araba mongolica Fan, 1965: 298. Type locality: China: Neimenggu, Hohhot.

Sphenometopa (Euaraba) mongolica: VERVES, 1990: 555.

Sphenometopa mongolica: FAN & PAPE, 1996: 243.

Eumetopiella (Euaraba) mongolica: VERVES, 1986: 92; 1990: 555.

Eumetopiella mongolica: CHEN L. & ZHU, 2014: 24; FAN, 1992: 601.

Eumetopiella (Euaraba) mongolia [incorrect subsequent spelling of *mongolica* Fan, 1965]: FAN, 1992: 600; XUE W. & CHAO, 1996: 1533, 1536.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1965, 1992; VERVES 1990; XUE W. & CHAO, 1996), Neimenggu (FAN, 1965; VERVES, 1990; XUE W. & CHAO, 1996).

(94) *Sphenometopa (Euaraba) semenovi* Rohdendorf, 1967.

Sphenometopa (Euaraba) semenovi Rohdendorf, 1967a: 466. Type locality: China: Neimenggu, Ala Shan, Dzosto.

Sphenometopa (Euaraba) semenovi: ROHDENDORF, 1975: 183; ROHDENDORF & VERVES, 1980: 505.

Sphenometopa semenovi: PAPE, 1996: 147.

Eumetopiella (Euaraba) semenovi: VERVES, 1984: 540; 1986: 93; XUE W. & CHAO, 1996: 1534, 1536.

Pa: China: Neimenggu (ROHDENDORF, 1967a, 1975; ROHDENDORF & VERVES, 1980; XUE W. & CHAO, 1996).

23.4. Subgenus *Tarsaraba* Rohdendorf, 1967.

Tarsaraba Rohdendorf, 1967a: 460 [as subgenus of *Sphenometopa*]. Type species: *Sphenometopa (Tarsaraba) przewalskii* Rohdendorf, 1967.

Intermedia Chao, 1992, In: Fan, 1992: 601 [as subgenus of *Eumetopiella* sensu Verves, 1984]. Type species: *Eumetopiella (Intermedia) luridimacula* Chao & Zhang, 1988a.

Eumetopiella (Tarsaraba): VERVES, 1986: 93.

(95) *Sphenometopa (Tarsaraba) czernyi* (Strobl, 1909)

Araba czernyi Strobl, 1909, in Czerny & Strobl, 1909: 231. Type locality: Spain: Andalusia, upper valley of Genil River.

Sphenometopa (Tarsaraba) czernyi: ROHDENDORF, 1967a: 452; 1971b: 168.

Sphenometopa czernyi: PAPE, 1996: 146.

Eumetopiella (Tarsaraba) czernyi: VERVES, 1986: 93.

Pa: China: Xinjiang (VERVES, 1986).

(96) *Sphenometopa (Tarsaraba) przewalskii* Rohdendorf, 1967

Sphenometopa (Tarsaraba) przewalskii Rohdendorf, 1967a: 460. Type locality: Mongolia: Bayan Khongor aimak, Lake Orok Nur.

Sphenometopa (Tarsaraba) przewalskii: ROHDENDORF, 1971b: 168; ROHDENDORF & VERVES, 1980: 504; VERVES, 1990: 555.

Sphenometopa przewalskii: PAPE, 1996: 149.

Eumetopiella (Tarsaraba) przewalskii: VERVES, 1986: 93.

Pa: China: Shanxi (PAPE, 1996).

(97) *Sphenometopa (Tarsaraba) stackelbergiana* Rohdendorf, 1967

Sphenometopa (Tarsaraba) stackelbergiana Rohdendorf, 1967a: 460. Type locality: Tajikistan: N from Murghab, East Pshart River.

Sphenometopa (Tarsaraba) stackelbergiana: ROHDENDORF, 1971b: 169; ROHDENDORF & VERVES, 1980: 555; VERVES, 1990: 555.

- Sphenometopa stackelbergiana*: PAPE, 1996: 150.
- Eumetopiella (Tarsaraba) stackelbergiana*: VERVES, 1986: 93.
- Sphenometopa (Intermedia) luridimacula* Chao & Zhang, 1988a: 281. Type locality: China: Xinjiang, Baicheng.
- Sphenometopa (Tarsaraba) luridimacula*: ZHANG D. *et al.*, 2015: 471.
- Sphenometopa luridimacula*: PAPE, 1996: 147.
- Eumetopiella (Intermedia) luridimacula*: FAN, 1992: 601; XUE W. & CHAO, 1996: 1534, 1536.
- Pa: China: Xinjiang (CHAO & ZHANG, 1988a; FAN, 1992; XUE W. & CHAO, 1996; ZHANG D. *et al.*, 2015).
- Subtribe Taxigrammina Rohdendorf, 1967b
- Taxigrammina Rohdendorf, 1967b: 61 [as Taxigrammatina].
- Hilarellina Rohdendorf, 1967b: 67.
24. Genus *Hilarella* Rondani, 1856
- Hilarella* Rondani, 1856: 70. Type species: *Miltogramma zetterstedtii* Rondani, 1856 [= *Miltogramma hilarella* Zetterstedt, 1844].
- Hilarella*: FAN, 1965: 297; 1992: 596, 598; ROHDENDORF, 1935: 110, 113; SÉGUY, 1941a: 300; VENTURI, 1960: 79; VERVES, 1986: 94; 1990: 523, 546; VERVES & KHROKALO, 2006b: 73, 99; XUE W. & CHAO, 1996: 1528, 1536.
- (98) *Hilarella stictica* (Meigen, 1830)
- Miltogramma stictica* Meigen, 1830: 367. Type locality: Germany: environs of Berlin.
- Hilarella stictica*: FAN, 1992: 598; SÉGUY, 1941a: 303; VENTURI, 1960: 82; VERVES, 1986: 94; 1990: 546; VERVES & KHROKALO, 2006b: 101; XUE W. & CHAO, 1996: 1537.
- Taxigramma stictica*: PAPE, 1996: 154; PIWCZYŃSKI *et al.*, 2017: 55, 57; RICHET *et al.* 2013: 528.
- Miltogramma siphonina* Zetterstedt, 1844: 1213. Type locality: Sweden: Skåne, Östra Torp.
- Hilarella siphonina*: PAPE, 1986: 309; ROHDENDORF, 1935: 116; ROHDENDORF & VERVES, 1980: 507; SÉGUY, 1941a: 303.
- Pa: China: Hebei, Neimenggu, Shanxi (FAN, 1992; VERVES, 1990; XUE W. & CHAO, 1996).
25. Genus *Paragusia* Schiner, 1861.
- Paragusia* Schiner, 1861: 143. Type species: *Paragusia frivaldzkii* Schiner, 1861 [= *Tachina elegantula* Zetterstedt, 1844].
- Pamirella* Enderlein, 1933: 134. Type species: *Pamirella karakulensis* Enderlein, 1933.
- Eutaxigramma* Rohdendorf, 1935: 120, as subgenus of *Taxigramma* Macquart, 1850. Type species: *Heteropteryna pluriseta* Pandellé, 1895.
- Paragusia*: FAN, 1965: 297; SÉGUY, 1941a: 298; VERVES, 1984: 547; 1986: 100; 1990: 523, 547.
- Taxigramma (Paragusia)*: ROHDENDORF, 1935: 123.
- (99) *Paragusia elegantula* Zetterstedt, 1844.
- Tachina elegantula* Zetterstedt, 1844: 1024. Type locality: Germany: Berlin, Moabit.
- Paragusia elegantula*: ROHDENDORF & VERVES, 1980: 507; SÉGUY, 1941a: 299; VERVES, 1986: 101; 1990: 547.
- Taxigramma (Paragusia) elegantula*: FAN, 1992: 599; RICHET *et al.* 2013: 528; ROHDENDORF, 1935: 124.
- Taxigramma elegantula*: PAPE, 1996: 152; PIWCZYŃSKI *et al.*, 2017: 55, 57.
- Pa: China: Neimenggu, Xinjiang (FAN, 1992).
- (100) *Paragusia karakulensis* (Enderlein, 1933)
- Pamirella karakulensis* Enderlein, 1933: 134. Type locality: Uzbekistan: East of Karakul.
- Paragusia karakulensis*: VERVES, 1986: 109.
- Taxigramma karakulensis*: PAPE, 1996: 153.
- Pa: China: Xinjiang (PAPE, 1996).
- (101) *Paragusia multipunctata* Rondani, 1859.
- Heteropteryna multipunctata* Rondani, 1859: 211. Type locality: Italy: Parma.
- Paragusia multipunctata*: ROHDENDORF & VERVES, 1980: 508; VERVES, 1984: 548; 1986: 101; 1990: 548.
- Taxigramma multipunctata*: PAPE, 1996: 154; SÉGUY, 1941a: 297; VENTURI, 1960: 78.
- Taxigramma (Eutaxigramma) multipunctata*: FAN, 1992: 599; ROHDENDORF, 1935: 122.
- Taxigramma (Paragusia) multipunctata*: RICHET *et al.* 2013: 520.
- Pa: China: Neimenggu (FAN, 1992).
26. Genus *Taxigramma* Macquart, 1850
- Taxigramma* Macquart, 1850c: 522. Type species: *Miltogramma heteroneura* Meigen, 1830.
- Taxigramma*: FAN, 1992: 599; PAPE, 1996: 30, 151; PERRIS, 1852: 209; ROHDENDORF, 1935: 116; SÉGUY, 1941a: 294; TOWNSEND, 1938: 149; VERVES, 1986: 66; 1990: 523, 548; VERVES & KHROKALO, 2006b: 73, 101.
- (102) *Taxigramma heteroneura* (Meigen, 1830).
- Miltogramma heteroneura* Meigen, 1830: 367. Type locality: Germany: environs of Berlin.
- Taxigramma heteroneura*: CHEN L. *et al.* 2015: 324; FAN, 1992: 599; PAPE, 1996: 153; PERRIS, 1852: 209; ROHDENDORF, 1935: 118; SÉGUY, 1941a: 296; VERVES, 1986: 66; 1990: 549; VERVES & KHROKALO, 2006b: 101.
- Pa: China: Neimenggu (FAN, 1996), Xinjiang (CHEN L. *et al.*, 2015).
- Subfamily Eumacronychiinae Townsend, 1892
- Eumacronychiinae Townsend, 1892a: 64 [as Eumacronychiini].
- Eumacronychiinae: VERVES, 1998: 243.
- Tribe Goniophytonini Rohdendorf, 1962
- Goniophytonini Rohdendorf, 1962: 936 [as Goniophytonina]
- Goniophytonini: VERVES, 1998: 243.
27. Genus *Goniophyto* Townsend, 1927
- Goniophyto* Townsend, 1927: 281. Type species: *Goniophyto formosensis* Townsend, 1927.
- Goniophyto*: DENG Y. *et al.*, 2007: 137; FAN, 1992: 612, 616; LOPES, 1938: 193; PAPE, 1996: 35, 164; ROHDENDORF, 1962: 936; 1967b: 52; VERVES, 1982a: 250; 1986: 111; VERVES & KHROKALO, 2006b: 75, 104.

Sinagra Fan, 1965: 291, nomen nudum.

(103) *Goniophyto formosensis* Townsend, 1927

Goniophyto formosensis Townsend, 1927: 281. Type locality: Taiwan: Amping.

Goniophyto formosensis: BARTÁK *et al.*, 2019: 48; DENG Y. *et al.*, 2007: 138, 140; FAN, 1992: 617; KURAHASHI *et al.*, 2017: 37; LIN & CHEN, 1999: 116; LOPES, 1938: 194, 195; PAPE, 1996: 164; ROHDENDORF, 1962: 936; SHIMADA *et al.*, 1961: 32; XIAO, 2010: 463; XUE W. & CHAO, 1996: 1569; ZHANG B. 2004: 21, 118; ZHANG B. *et al.* 2005: 217; 2010: 357; ZHANG D. *et al.*, 2016: 307.

Pa: China: Shanghai (DENG Y. *et al.*, 2007); Or: China: Fujian (ZHANG D. *et al.*, 2016), Guangdong (DENG Y. *et al.*, 2007; ZHANG B. *et al.*, 2010); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; TOWNSEND, 1927; XIAO, 2010).

(104) *Goniophyto honshuensis* Rohdendorf, 1962

Goniophyto honshuensis Rohdendorf, 1962: 936. Type locality: Japan: Honshu, Yokohama.

Goniophyto honshuensis: BARTÁK *et al.*, 2019: 48; CHEN L., 2013: 116; CHEN X. *et al.*, 2013: 51; DENG Y. *et al.*, 2007: 138, 140; FAN, 1992: 603, 617, 880; JI *et al.*, 2011: 477; KURAHASHI, 1975: 204; KURAHASHI *et al.*, 2017: 37; LENG *et al.*, 2005: 99; PAPE, 1996: 164; VERVES, 1982a: 251; 1986: 111; VERVES & KHROKALO, 2006b: 105; WU W. *et al.*, 2014: 1564; XIAO, 2010: 463; XUE W. & CHAO, 1996: 1569; ZHANG D. *et al.*, 2016: 307; ZHANG Q. *et al.*, 2014: 342.

Pa: China: Liaoning (CHEN X. *et al.*, 2013), Shanghai (FAN, 1992; JI *et al.*, 2011; LENG *et al.*, 2005; ZHANG D. *et al.*, 2016); Or: China: Fujian (ZHANG D. *et al.*, 2016), Zhejiang (WU W. *et al.*, 2014; ZHANG Q. *et al.*, 2014); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI, 1975; KURAHASHI *et al.*, 2017; XIAO, 2010; ZHANG D. *et al.*, 2016).

(105) *Goniophyto shanghaiensis* Deng *et al.*, 2007

Goniophyto shanghaiensis Deng *et al.*, 2007: 137. Type locality: China: Shanghai City, Nanhui.

Goniophyto shanghaiensis: ZHANG D. *et al.*, 2016: 307.

Pa: China: Shanghai (DENG Y. *et al.*, 2007; ZHANG D. *et al.*, 2016).

Tribe Sarcotachinini Rohdendorf, 1928

Sarcotachinini Rohdendorf, 1928a: 10.

Sarcotachinini: VERVES, 1998: 243.

28. Genus *Sarcotachina* Portshinsky, 1881

Sarcotachina Portschinsky, 1881: 277. Type species: *Sarcotachina subcylindrica* Portschinsky, 1881.

Sarcotachina: LOPES, 1981: 206; PAPE, 1996: 168; ROHDENDORF, 1967a: 71; SÉGUY, 1941a: 39; VERVES, 1985: 344; 1986: 110; 1990: 556, 558; VERVES & KHROKALO, 2006b: 75, 105.

(106) *Sarcotachina subcylindrica* Portschinsky, 1881

Sarcotachina subcylindrica Portschinsky, 1881: 277.

Sarcotachina subcylindrica: LOPES, 1981: 208; PAPE, 1996: 168; PIWCZYŃSKI *et al.*, 2017: 55, 57; SÉGUY, 1941a: 40; ROHDENDORF, 1967b: 71; VERVES, 1985: 346; 1986: 110; 1990: 558; 1998: 243; VERVES & KHROKALO, 2006b: 105; ZHANG D. *et al.*, 2016: 311.

Pa: China: Neimenggu (VERVES, 1990; ZHANG D. *et al.*, 2016), Xinjiang (ZHANG D. *et al.*, 2016).

Subfamily Paramacronychiinae Brauer & Bergenstamm, 1889

Paramacronychiinae Brauer & Bergenstamm, 1889: 76 [as Paramacronychiidae].

Paramacronychiinae: VERVES, 2001a: 145.

Tribe Paramacronychiini Brauer & Bergenstamm, 1889

Subtribe Agriina Enderlein, 1928

Agriina Enderlein, 1928: 6, 53 [as Agriinae].

29. Genus *Agria* Robineau-Desvoidy, 1830

Agria Robineau-Desvoidy, 1830: 376. Type species: *Agria punctata* Robineau-Desvoidy, 1830 (= *Musca affinis* Fallén, 1817).

Agria: DRABER-MOŃKO, 1989: 175; FAN, 1992: 612; KURAHASHI 1975: 205; PAPE, 1996: 158; SÉGUY, 1941a: 218; VERVES, 1982a: 271; 1986: 111; 1990: 557, 566; VERVES & KHROKALO, 2006b: 76, 107; ZHANG D. *et al.*, 2016: 303; ZHANG M. *et al.*, 2013: 41.

Pseudosarcophaga Kramer, 1908b: 200. Type species: *Musca affinis* Fallén, 1817.

Pseudosarcophaga: FAN, 1965: 291; TOWNSEND, 1935: 175.

(107) *Agria affinis* (Fallén, 1817)

Musca affinis Fallén, 1817: 237. Type locality: Sweden: probably Skåne.

Agria affinis: FAN, 1992: 612; LI M. *et al.*, 2014: 549; PAPE, 1996: 158; SÉGUY, 1941a: 220; VERVES, 1982a: 273; 1986: 111; VERVES & KHROKALO, 2006b: 110; ZHANG D. *et al.*, 2016: 303; ZHANG M. *et al.*, 2013: 42.

Agria punctata Robineau-Desvoidy, 1830: 377. Type locality: Europe: probably France.

Agria punctata: DRABER-MOŃKO, 1989: 176; VERVES, 1990: 567.

Pa: China: Beijing (ZHANG M. *et al.*, 2013), Qinghai (ZHANG D. *et al.*, 2016), Shanxi (LI M. *et al.*, 2014), Xinjiang (FAN, 1992); Tibet [=Xizang] (ZHANG D. *et al.*, 2016).

30. Genus *Angiometopa* Brauer & Bergenstamm, 1889.

Angiometopa Brauer & Bergenstamm, 1889: 123. Type species: *Musca ruralis* Fallén, 1817 [= *Angiometopa falleni* PAPE, 1986].

Angiometopa: FAN, 1965: 291; 1992: 612; KURAHASHI, 1975: 207; PAPE, 1996: 158; ROHDENDORF & VERVES, 1978: 248; SÉGUY, 1941a: 214; VERVES, 1982a: 276; 1986: 111; 1990: 568; VERVES & KHROKALO, 2006b: 110.

(108) *Angiometopa falleni* Pape, 1986.

Angiometopa falleni Pape, 1986: 306 [new replacement name for *Musca ruralis* Fallén, 1817].

Musca ruralis Fallén, 1817: 237 [junior homonym of *Musca ruralis* Gravenhorst, 1807; Diptera: Muscidae]. Type locality: Sweden: Skåne.

Angiometopa falleni: PAPE, 1996: 159; VERVES, 1990: 568; ZHANG D. *et al.*, 2016: 303.

Angiometopa ruralis: CHEN L. & ZHU, 2014: 24; FAN, 1992: 612; ROHDENDORF & VERVES, 1978: 248; SÉGUY, 1941a: 235; VERVES, 1982a: 281; 1986: 112.

Pa: China: Beijing (CHEN L. & ZHU, 2014; ZHANG D. *et al.*, 2016), Hebei (ZHANG D. *et al.*, 2016), Liaoning (ZHANG D. *et al.*, 2016), Neimenggu (ZHANG D. *et al.*, 2016), Sichuan (ZHANG D. *et al.*, 2016), Xinjiang (ZHANG D. *et al.*, 2016).

(109) *Angiometopa mihalyi* Rohdendorf & Verves, 1978.

Angiometopa mihalyi Rohdendorf & Verves, 1978: 247. Type locality: Mongolia: Central aimak, Songino.

Angiometopa mihalyi: VERVES, 1982a: 279; 1986: 112; 1990: 568; VERVES & KHROKALO, 2006b: 110.

Agria mihalyi: PAPE, 1996: 159; ZHANG M. *et al.*, 2013: 44.

Pa: China: Beijing, Shanxi (ZHANG M. *et al.*, 2013).

31. Genus *Mimagria* Verves, 2001.

Mimagria Verves, 2001a: 147. Type species: *Agria xiangchengensis* Chao & Zhang, 1988a.

Mimagria: ZHANG D. *et al.*, 2016: 308.

(110) *Mimagria xiangchengensis* (Chao & Zhang, 1988a)

Agria xiangchengensis Chao & Zhang, 1988a: 276.

Agria xiangchengensis: CUI *et al.*, 2007: 385; FAN, 1992: 613; FENG Y., 2014: 109; PAPE, 1996: 173; XUE W. & CHAO, 1996: 1560. YANG & SUN, 1991: 89; ZHANG D. *et al.*, 2015: 479; 2016: 308.

Mimagria xiangchengensis: ZHANG D. *et al.*, 2016: 308.

Pa: China: Sichuan (CHAO & ZHANG, 1988a; FAN, 1992).

Subtribe *Blaesoxiphellina* Rohdendorf, 1928

Blaesoxiphellina Rohdendorf, 1928a: 8, 12 [as *Blaesoxiphellini*].

32. Genus *Blaesoxiphella* Villeneuve, 1912

Blaesoxiphella Villeneuve, 1912a: 613. Type species: *Blaesoxiphella brevicornis* Villeneuve, 1912.

Blaesoxiphella: PAPE, 1996: 160; ROHDENDORF & VERVES, 1978: 241; SÉGUY, 1941a: 210; VERVES, 1982a: 254; 1986: 113; 1990: 557, 564; VERVES & KHROKALO, 2006b: 75, 112; ZHANG D. *et al.*, 2016: 305.

(111) *Blaesoxiphella brevicornis* Villeneuve, 1912

Blaesoxiphella brevicornis Villeneuve, 1912a: 614. Type locality: Russia: Samara.

Blaesoxiphella brevicornis: PAPE, 1996: 160; ROHDENDORF & VERVES, 1978: 241; SÉGUY, 1941a: 210; VERVES, 1982a: 254; 1986: 113; 1990: 565; VERVES & KHROKALO, 2006b: 113; ZHANG D. *et al.*, 2016: 305.

Pa: China: Neimenggu (VERVES, 1986; ZHANG D. *et al.*, 2016).

Subtribe *Brachicomina* Townsend, 1918

Brachicomina Townsend, 1918: 158 [as *Brachicomini*]. *Brachicomini*: Rohdendorf 1937: 35.

33. Genus *Brachicoma* Rondani, 1856

Brachicoma Rondani, 1856: 69. Type species: *Tachina nitidula* Rondani, 1856 (= *Tachina devia* Fallén, 1820) [misidentification: not *Tachina nitidula* Meigen, 1924].

Brachicoma: FAN, 1992: 612, 614; KURAHASHI 1975: 212; PAPE, 1996: 32, 160; SÉGUY, 1941a: 323, 328; VERVES, 1982a: 250, 286; 1986: 113; 1990: 557, 565; VERVES & KHROKALO, 2006b: 75, 114.

Brachycoma [incorrect subsequent spelling of *Brachicoma* Rondani, 1856]: SÉGUY, 1941a: 323, 328.

(112) *Brachicoma asiatica* Rohdendorf & Verves, 1979.

Brachicoma asiatica Rohdendorf & Verves, 1979a: 195. Type locality: Russia: Chita region, Nerchinsk Range near Ust-Ozernoe.

Brachicoma asiatica: CHEN L. *et al.* 2015: 324; FAN, 1992: 612, 614; PAPE, 1996: 32, 161; ROHDENDORF & VERVES, 1979b: 481; VERVES, 1982a: 287; 1986: 113; 1990: 557, 565; VERVES & KHROKALO, 2006b: 115; ZHANG D. *et al.*, 2016: 305.

Pa: China: Heilongjiang (ZHANG D. *et al.*, 2016), Xinjiang (CHEN L. *et al.* 2015; ZHANG D. *et al.*, 2016).

(113) *Brachicoma devia* (Fallén, 1820)

Tachina devia Fallén, 1820: 6. Type locality: Sweden: probably Skåne.

Brachicoma devia: BARTÁK *et al.*, 2019: 48; FAN, 1992: 615; FENG Y., 2011: 548; KURAHASHI, 1975: 212; PAPE, 1996: 161; ROHDENDORF & VERVES, 1978: 272; 1979b: 481; SÉGUY, 1941a: 329; VERVES, 1982a: 290; 1986: 113; 1990: 566. VERVES & KHROKALO, 2006b: 115; ZHANG D. *et al.*, 2016: 305; XUE W. & CHAO, 1996: 1562.

Pa: China: Gansu, Hebei, Heilongjiang, Jilin (FAN, 1992), Liaoning (ZHANG D. *et al.*, 2016), Neimenggu (FAN, 1992; ZHANG D. *et al.*, 2016), Shaanxi (FAN, 1992), Shanxi (ZHANG D. *et al.*, 2016), Sichuan, Xinjiang (FENG Y., 2011; ZHANG D. *et al.*, 2016); Tibet [= Xizang] (PAPE, 1996; ZHANG D. *et al.*, 2016); Or: China: Fujian (ZHANG D. *et al.*, 2016), Yunnan (ZHANG D. *et al.*, 2016); Taiwan (BARTÁK *et al.*, 2019).

(114) *Brachicoma nigra* Chao & Zhang, 1988.

Brachicoma nigra Chao & Zhang, 1988a: 275. Type locality: China: Sichuan, Xiangcheng, Rewu.

Brachicoma nigra: CUI *et al.* 2007: 386; FAN, 1992: 615; FENG Y., 2014: 109; XUE W. & RONG, 2013: 986; YANG & SUN, 1991: 89; ZHANG D. *et al.*, 2015: 481; 2016: 306; ZHANG X. & CHAO, 1993: 1174.

Pa: China: Sichuan (CHAO & ZHANG, 1988a); Or: China: Yunnan (CHAO & ZHANG, 1988a; XUE W. & RONG, 2013).

Subtribe *Dexagriina* Rohdendorf, 1978

Dexagriina Rohdendorf, 1978: 416.

34. Genus *Dexagria* Rohdendorf, 1978

Dexagria Rohdendorf, 1978: 416. Type species: *Dexagria ushinskyi* Rohdendorf, 1978.

Dexagria: VERVES, 1982a: 249, 256; 1986: 114; VERVES *et al.*, 2015b: 337.

(115) *Dexagria kangdingica* Feng & Deng, 2010

Dexagria kangdingica Feng Y. & Deng 2010, in: Feng Y., *et al.*, 2010: 55. Type locality: China: Sichuan, Kangding City, 30°07'N, 101°58'E.

Dexagria kangdingica: VERVES *et al.*, 2015b: 339, 241; ZHANG D. *et al.*, 2016: 306.

Pa: China: Sichuan (FENG Y. *et al.*, 2010; VERVES *et al.*, 2015b).

(116) *Dexagria sinuata* Xue, Verves & Wang, 2015

Dexagria sinuata Xue, *et al.*, 2015, in: Verves *et al.*, 2015b: 337. Type locality: China: Yunnan, Mt. Meili.

Dexagria sinuata: ZHANG D. *et al.*, 2016: 306.

Or: China: Yunnan (VERVES *et al.*, 2015b).

Subtribe *Paramacronychiina* Brauer & Bergenstamm, 1889

Paramacronychiina Brauer & Bergenstamm, 1889: 76 [as *Paramacronychiidae*]

35. Genus *Paramacronychia* Brauer & Bergenstamm, 1889

Paramacronychia Brauer & Bergenstamm, 1889: 116. Type species: *Macronychia flavipalpis* Girschner, 1881.

Paramacronychia: PAPE, 1996: 37, 166; ROHDENDORF & VERVES, 1979b: 478, 481; SÉGUY, 1941a: 327; VERVES, 1982a: 250, 266; 1986: 117; 1990: 557, 565; VERVES & KHROKALO, 2006b: 75, 115; ZHANG D. *et al.*, 2016: 308.

(117) *Paramacronychia* sp.

Paramacronychia flavipalpis [misidentification: not *Macronychia flavipalpis* Girschner, 1881]: ROHDENDORF & VERVES, 1979b: 481; VERVES, 1990: 565; VERVES & KHROKALO, 2006b: 115; ZHANG D. *et al.*, 2016: 308.

China: Pa: Xinjiang (PAPE, 1996).

Comment: This species is different from European *P. flavipalpis* (Girschner, 1881) and will be revised in the nearest future (ZHANG D. *et al.*, 2016).

Subtribe Wohlfahrtiina Shannon, 1924

Wohlfahrtiina Shannon, 1924: 14 [as Wohlfahrtinae]

36. Genus *Asiosarcophila* Rohdendorf & Verves, 1978

Asiosarcophila Rohdendorf & Verves, 1978: 245. Type species: *Asiosarcophila kaszabi* Rohdendorf & Verves, 1978.

Asiosarcophila: PAPE, 1996: 160; ROHDENDORF & VERVES 1979b: 480; VERVES, 1982a: 284; 1986: 113.

(118) *Asiosarcophila kaszabi* Rohdendorf & Verves, 1978

Asiosarcophila kaszabi Rohdendorf & Verves, 1978: 245. Type locality: Mongolia: Chovd aimak, Umnuu Chairchan-ul, N of Dzereg.

Asiosarcophila kaszabi: LIU & WU, 1986: 35; PAPE, 1996: 160; ROHDENDORF & VERVES, 1979b: 482; VERVES, 1982a: 265; 1986: 113; 1990: 558; ZHANG D. *et al.*, 2016: 304.

Wohlfahrtiodes mongolicus CHAO & ZHANG, 1988a: 273. Type locality: China: Neimenggu, Qog B, Mt Langshan.

Wohlfahrtiodes mongolicus: FAN, 1992: 616; PAPE, 1996: 173; ZHANG D. *et al.*, 2015: 492.

Pa: China: Neimenggu (CHAO & ZHANG, 1988a; LIU & WU, 1986; ZHANG D. *et al.*, 2016).

37. Genus *Oophagomyia* Rohdendorf, 1928

Oophagomyia Rohdendorf, 1928: 16. Type species: *Oophagomyia plotnikovi* Rohdendorf, 1928.

Oophagomyia: PAPE, 1996: 166; ROHDENDORF & VERVES, 1978: 249; SÉGUY, 1941a: 213; VERVES, 1982a: 250, 293; 1986: 117; 1990: 557, 559.

(119) *Oophagomyia plotnikovi* Rohdendorf, 1928

Oophagomyia plotnikovi Rohdendorf, 1928: 16. Type locality: Kazakhstan: Kzyl Orda Region, near bank of Syr-Daria.

Oophagomyia plotnikovi: PAPE, 1996: 166; ROHDENDORF & VERVES, 1978: 249; VERVES, 1982a: 294; 1986: 117; 1990: 559; ZHANG D. *et al.*, 2016: 308.

Pa: China: Neimenggu (PAPE, 1996; VERVES, 1986; ZHANG D. *et al.*, 2016).

38. Genus *Sarcophila* Rondani, 1856

Sarcophila Rondani, 1856: 86. Type species: *Musca latifrons* Fallén, 1817.

Sarcophila: FAN, 1992: 612, 613; GIROUX *et al.*, 2010: 774; KURAHASHI, 1975: 205; PAPE, 1996: 166; SÉGUY, 1941a: 223; VERVES, 1982a: 250, 295; 1985: 297; 1986: 117; 1990: 557, 559; VERVES & KHROKALO, 2006b: 75, 116.

Agria [misidentification: not *Agria* Robineau-Desvoidy, 1830]: FAN, 1965: 291; ROHDENDORF, 1962: 937.

(120) *Sarcophila japonica* (Rohdendorf, 1962)

Agria japonica Rohdendorf, 1962: 937. Type locality: Japan: Honshu, Mt. Kanadzawa.

Sarcophila japonica: KURAHASHI, 1975: 205; MA D. *et al.*, 1998: 36; MA G. *et al.*, 2014: 449; PAPE, 1996: 166; VERVES, 1982a: 296; 1985: 297; 1986: 117; VERVES & KHROKALO, 2006b: 117; WANG M. *et al.*, 2006: 27; WANG X. *et al.* 1992: 265; ZHANG D. *et al.*, 2016: 309.

Agria japonica: WANG J. *et al.*, 2001: 265; WANG L. & HE, 2002: 13; XUE R., 1984: 3; XUE R. & ZHANG, 1983: 296.

Pa: China: Neimenggu (FAN & PAPE, 1996), Ningxia (ZHANG D. *et al.*, 2016), Shanxi (MA G. *et al.*, 2014; XUE R., 1984; XUE R. & ZHANG, 1983; ZHANG D. *et al.*, 2016), Xinjiang (ZHANG D. *et al.*, 2016).

(121) *Sarcophila mongolica* Chao & Zhang, 1988

Sarcophila mongolica Chao & Zhang, 1988a: 274. Type locality: China: Neimenggu, Qog B, Mt. Langshan.

Sarcophila mongolica: CHEN X. *et al.*, 2013: 51; FAN, 1992: 614; PAPE, 1996: 167.

Sarcophila latifrons [misidentification: not *Musca latifrons* Fallén, 1817]: FAN & PAPE, 1996: 244; ROHDENDORF, 1930b: 317; ZHANG D. *et al.*, 2015: 484; 2016: 308, 310.

Agria latifrons [misidentification: not *Musca latifrons* Fallén, 1817]: Ma D. *et al.* 1998: 36; XIANG *et al.*, 1989: 97; YAO *et al.*, 2000: 21.

Pa: China: Liaoning (CHEN X. *et al.*, 2013), Neimenggu (CHAO & ZHANG, 1988a; FAN, 1992; FAN & PAPE, 1996), Ningxia (ZHANG D. *et al.*, 2016), Shandong (ROHDENDORF, 1930b), Xinjiang (FAN, 1992; FAN & PAPE, 1996; MA D. *et al.*, 1998; YAO *et al.*, 2000; ZHANG D. *et al.*, 2016); Tibet (XIANG *et al.*, 1989).

(122) *Sarcophila rasnitsyni* Verves, 1982

Sarcophila rasnitsyni Verves, 1982a: 296. Type locality: Mongolia: Middle Gobi aimak, 20 km W of Somon Lun.

Sarcophila rasnitsyni: CHEN L. & ZHU, 2014: 24; FAN, 1992: 613; MA D. *et al.*, 1998: 36; PAPE, 1996: 167; VERVES, 1985: 300; 1986: 117; 1990: 559; VERVES & KHROKALO, 2006b: 118; XUE W. & CHAO, 1996: 1562; ZHANG D. *et al.*, 2016: 310.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1992; ZHANG D. *et al.*, 2016), Heilongjiang, Neimenggu, Qinghai (FAN, 1992; ZHANG D. *et al.*, 2016), Xinjiang (FAN, 1992; MA D. *et al.*, 1998; ZHANG D. *et al.*, 2016).

39. Genus *Wohlfahrtia* Brauer & Bergenstamm, 1889

Wohlfahrtia Brauer & Bergenstamm, 1889: 123. Type species: *Sarcophila magnifica* Schiner, 1862.

Wohlfahrtia: FAN, 1965: 291, 295; 1992: 612, 617; GE *et al.*, 2018: 130; HUHEBATEER *et al.*, 1993: 7; 61; PAPE, 1996: 169; PATTON, 1938: 67; PORTSCHINSKY, 1884: 247; 1916: 1; ROHDENDORF, 1956: 201; ROHDENDORF & VERVES, 1979b: 480; SALEM, 1938a: 1; SÉGUY, 1941a: 213, 228; 1941b: 221; VERVES, 1985: 303; 1986: 119; 1990: 557, 559; VERVES & KHROKALO, 2006b: 75, 118. ZHANG D. *et al.*, 2016: 311.

Sinotibetomyia Xue W., in: Xue W. & Fei, 2011: 1, 5. Type species: *Sinotibetomyia curvifemura* Xue & Fei, 2011 (= *Wohlfahrtia atra* Aldrich, 1916).

(123) *Wohlfahrtia atra* Aldrich, 1926

Wohlfahrtia atra Aldrich, 1926: 10. Type locality: China: Sichuan, Sing Kiang [as "Yellow Dragon Gorge, near Songpan"].

Wohlfahrtia atra: FAN, 1965: 293; 1992: 620; PAPE, 1996: 169; ROHDENDORF, 1956: 202, 209; SALEM, 1938a: 68; VERVES, 1985: 303, 307; 1986: 119.

Sinotibetomyia curvifemura Xue & Fei, 2011: 1, 5. Type locality: China: Xizang, Gongbo'gyamda.

Pa: China: Qinghai, Sichuan (ALDRICH, 1926; FAN, 1965, 1992); Tibet [=Xizang] (XUE W. & FEI, 2011).

(124) *Wohlfahrtia balassogloi* (Portschinsky, 1881)

Sarcophila balassogloi Portschinsky, 1881: 142. Type locality: Russia: Orenburg.

Wohlfahrtia balassogloi: CHEN L. *et al.*, 2015: 323; FAN, 1965: 295; 1992: 622; GE *et al.*, 2018: 136; PAPE, 1996: 169; ROHDENDORF, 1956: 205, 217; ROHDENDORF & VERVES, 1978: 243; SÉGUY, 1941b: 221; VERVES, 1985: 308; 1986: 119; 1990: 563; VERVES & KHROKALO, 2006b: 121; ZHANG D. *et al.*, 2016: 312.

Pa: China: Neimenggu (FAN, 1965, 1992; GE *et al.*, 2018; ZHANG D. *et al.*, 2016), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1965, 1992; ROHDENDORF, 1956; ZHANG D. *et al.*, 2016).

(125) *Wohlfahrtia bella* (Macquart, 1839)

Agria bella Macquart, in: Webb & Berthelot, 1839: 113. Type locality: Canary Is.: probably Tenerife.

Wohlfahrtia bella: CHAO & ZHANG, 1982: 227; CHEN L. *et al.*, 2015: 323; FAN, 1965: 292; 1992: 619; GE *et al.*, 2018: 136; PAPE, 1996: 170; ROHDENDORF, 1956: 204, 211; SALEM, 1938a: 38; SÉGUY, 1941b: 231; VERVES, 1985: 304, 310; 1986: 119; 1990: 561, 564; VERVES & KHROKALO, 2006b: 121; WANG Y. *et al.*, 2012: 233; ZHANG D. *et al.*, 2016: 312.

Pa: China: Gansu (FAN, 1992; WANG Y. *et al.*, 2012; ZHANG D. *et al.*, 2016), Neimenggu (FAN, 1965, 1992; ZHANG D. *et al.*, 2016), Ningxia (ZHANG D. *et al.*, 2016), Qinghai (CHAO & ZHANG, 1982; ZHANG D. *et al.*, 2016), Xinjiang (CHEN L. *et al.*, 2015; ZHANG D. *et al.*, 2016); Tibet [=Xizang] (FAN, 1965, 1992; ROHDENDORF, 1956; ZHANG D. *et al.*, 2016).

(126) *Wohlfahrtia cheni* Rohdendorf, 1956

Wohlfahrtia cheni Rohdendorf, 1956: 205, 215. Type locality: Mongolia: North Gobi, Kholt.

Wohlfahrtia cheni: FAN, 1965: 294; 1992: 621; GE *et al.*, 2018: 136; GU *et al.*, 2010: 28; PAPE, 1996: 170; ROHDENDORF & VERVES, 1978: 243; VERVES, 1985: 304, 306, 313; 1986: 120; 1990: 563, 564; VERVES & KHROKALO, 2006b: 121; ZHANG D. *et al.*, 2016: 313, ZHANG M. & WU, 1990: 209.

Pa: China: Gansu (FAN, 1965, 1992; ZHANG D. *et al.*, 2016; ZHANG M. & WU, 1990), Neimenggu (FAN, 1965, 1992; GU *et al.*, 2010; ZHANG D. *et al.*, 2016; ZHANG M. *et al.*, 2016), Ningxia (ZHANG D. *et al.*, 2016), Qinghai (FAN, 1965, 1992; ZHANG D. *et al.*, 2016), Xinjiang (ROHDENDORF, 1956; ZHANG D. *et al.*, 2016).

(127) *Wohlfahrtia fedtschenkoi* Rohdendorf, 1956

Wohlfahrtia fedtschenkoi Rohdendorf, 1956: 205, 222. Type locality: Turkmenia: Jebel.

Wohlfahrtia fedtschenkoi: FAN, 1965: 292; 1992: 622; GE *et al.*, 2018: 136; JING *et al.*, 1986: 13; PAPE, 1996: 170; ROHDENDORF & VERVES, 1978: 243; VERVES, 1985: 304, 306, 316; 1986: 120; 1990: 563, 564; WANG Y. *et al.*, 2012: 233; ZHANG D. *et al.*, 2016: 313.

Pa: China: Gansu (FAN, 1992; JING *et al.*, 1986; WANG Y. *et al.*, 2012; ZHANG D. *et al.*, 2016), Neimenggu (FAN, 1965, 1992), Ningxia (ZHANG D. *et al.*, 2016), Shanxi (ZHANG D. *et al.*, 2016), Xinjiang (ROHDENDORF, 1956; FAN, 1965, 1992).

(128) *Wohlfahrtia grunini* Rohdendorf, 1969

Wohlfahrtia grunini Rohdendorf, 1969: 948. Type locality: Russia: Altai, Kosh-Agach.

Wohlfahrtia grunini: GE *et al.*, 2018: 136; PAPE, 1996: 170; VERVES, 1985: 304, 306, 318; 1986: 120; 1990: 563, 564; ZHANG D. *et al.*, 2016: 314.

Wohlfahrtia brevicornis Chao & Zhang, 1996, in: Wu S. & Feng (eds), 1996: 214. Type locality: China: Qinghai Province, Hoh Xil Region, Xijir Ulan Lake.

Wohlfahrtia brevicornis: ZHANG D. *et al.*, 2015: 486.

Pa: China: Qinghai (CHAO & ZHANG, 1996; VERVES, 1990; ZHANG D. *et al.*, 2015, 2016).

(129) *Wohlfahrtia intermedia* (Portschinsky, 1887)

Sarcophila intermedia Portschinsky, 1887: 16. Type locality: Russia: Orenburg.

Wohlfahrtia intermedia: CHEN L. *et al.*, 2015: 323; FAN, 1992: 622; GE *et al.*, 2018: 137; PAPE, 1996: 171; ROHDENDORF, 1956: 205, 209; ROHDENDORF & VERVES, 1978: 241; SALEM, 1938a: 52; VERVES, 1985: 304, 306, 320; 1986: 120; 1990: 563, 564; VERVES & KHROKALO, 2006b: 121; ZHANG D. *et al.*, 2016: 314.

Pa: China: Helongjiang (ZHANG D. *et al.*, 2016), Neimenggu (FAN, 1992; ZHANG D. *et al.*, 2016), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1992; ZHANG D. *et al.*, 2016).

(130) *Wohlfahrtia magnifica* (Schiner, 1862)

Sarcophila magnifica Schiner, 1862: 567. Type locality: Austria: near Graz.

Wohlfahrtia magnifica: CHEN L. & ZHU, 2014: 24; CHEN L. *et al.*, 2015: 323; DENG G., 1958: 214; EERDUNMUTU *et al.*, 2012: 46; FAN, 1965: 292; 1992: 620; HUHEBATEER *et al.*, 1993a: 61; 1983b: 7; 1994a: 1; 1994b: 59; 1995: 31; LUI *et al.*, 2005: 80; PAPE, 1996: 171; PORTSCHINSKY, 1884: 247; 1916: 1; ROHDENDORF, 1956: 204, 206; ROHDENDORF & VERVES, 1978: 242; SALEM, 1938a: 19. SÉGUY, 1941a: 231, 233; 1941b: 221; TANG *et al.*, 2003: 30; VERVES, 1985: 304, 323; 1986: 120; 1990: 563; VERVES & KHROKALO, 2006b: 119; WANG Y. *et al.*, 2012: 233; YASUDA, 1940: 27; ZHANG D. *et al.*, 2016: 315; ZHANG G. & ZHANG Z., 2010: 292.

Wohlfahrtia hirtiparafacialis Chao & Zhang, 1996, in: Wu & Feng (eds), 1996: 215. Type locality: China: Qinghai Province, Hoh Xil Region, Gangqiqu.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1965, 1992), Gansu (FAN, 1992; ROHDENDORF, 1956; WANG Y. *et al.*, 2012), Hebei (FAN, 1965, 1992; ZHANG D. *et al.*, 2016), Jiangsu (ZHANG D. *et al.*, 2016), Jilin (ZHANG D. *et al.*, 2016), Neimenggu (EERDUNMUTU *et al.*, 2012; FAN, 1965, 1992; HUHEBATEER *et al.*, 1993a, b; 1994a, b; 1995), Ningxia (FAN, 1965, 1992), Qinghai (FAN, 1965, 1992; ZHANG D. *et al.*, 2016), Shandong (FAN, 1965, 1992; ZHANG D. *et al.*, 2016), Shanxi (FAN, 1965, 1992; ZHANG D. *et al.*, 2016), Sichuan (FAN, 1965, 1992; ZHANG D. *et al.*, 2016), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1965, 1992; TANG *et al.*, 2003; ZHANG D. *et al.*, 2016).

(131) *Wohlfahrtia meigeni* (Schiner, 1862)

Sarcophila meigeni Schiner, 1862: 567. Type locality: Austria: near Graz.

Wohlfahrtia meigeni: FAN, 1965: 295; 1992: 622; GE *et al.*, 2018: 137; ROHDENDORF, 1956: 205, 207; SALEM, 1938a: 13: 47; SÉGUY, 1941a: 231, 235; VERVES, 1985: 303, 325; 1986: 121; 1990: 560; VERVES & KHROKALO, 2006b: 119. ZHANG G. & ZHANG Z., 2010: 292.

Wohlfahrtia vigil [misidentification: not *Sarcophaga vigil* Walker, 1849]: FAN & PAPE, 1996: 245; PAPE, 1996: 171 (in part).

Pa: China: Heilongjiang (FAN, 1965, 1992; FAN & PAPE, 1996), Jilin (ZHANG G. & ZHANG Z., 2010), Neimenggu (FAN, 1965, 1992; FAN & PAPE, 1996).

(132) *Wohlfahrtia nuba* (Wiedemann, 1830)

Tachina nuba Wiedemann, 1830: 296. Type locality: Sudan [as "Nubien"].

Wohlfahrtia nuba: DENG, Y. *et al.*, 2006: 113; PAPE, 1996: 171; ROHDENDORF, 1956: 205, 220; SALEM, 1938a: 13: 29; SÉGUY, 1941a: 231, 239; 1941b: 224; VERVES, 1985: 304, 306, 328; 1986: 121.

China: A single male intercepted by the Shanghai Entry-Exit Inspection and Quarantine Bureau from the cabin of an airplane (DENG, Y. *et al.*, 2006).

(133) *Wohlfahrtia pavlovskiyi* Rohdendorf, 1956

Wohlfahrtia pavlovskiyi Rohdendorf, 1956: 204, 212. Type locality: Kazakhstan: Alma Ata region, Samsu.

Wohlfahrtia pavlovskiyi: FAN, 1965: 292; 1992: 619; GE *et al.*, 2018: 137; PAPE, 1996: 171; ROHDENDORF & VERVES, 1978: 242; VERVES, 1985: 304, 305, 330; 1986: 121; 1990: 561; VERVES & KHROKALO, 2006b: 121; ZHANG D. *et al.*, 2016: 316.

Pa: China: Gansu (FAN, 1965, 1992; ROHDENDORF, 1956), Neimenggu (FAN, 1965, 1992), Qinghai (FAN, 1965, 1992; ROHDENDORF, 1956), Xinjiang (FAN, 1965, 1992).

(134) *Wohlfahrtia spinisternum* Zhang & Pape, 2018

Wohlfahrtia spinisternum Zhang & Pape, in: Ge *et al.*, 2018: 131. Type locality: China: Xinjiang, Fuyuin County, Kalamaili Nature Conservation Center, 45°13'N 88°50'E.

China: Pa: Xinjiang (GE *et al.*, 2018).

(135) *Wohlfahrtia stackelbergi* Rohdendorf, 1956

Wohlfahrtia stackelbergi Rohdendorf, 1956: 205, 214. Type locality: Kyrgyzstan: East Pamir, Irkeshtam.

Wohlfahrtia stackelbergi: FAN, 1992: 618; GE *et al.*, 2018: 137; PAPE, 1996: 172; ROHDENDORF & VERVES, 1978: 242; VERVES, 1985: 303, 305, 332; 1986: 121; 1990: 561; ZHANG D. *et al.*, 2016: 316.

China: Pa: Gansu (ROHDENDORF, 1956), Qinghai (ROHDENDORF, 1956), Xinjiang (FAN, 1992; VERVES, 1990; ZHANG D. *et al.*, 2016).

40. Genus *Wohlfahrtiodes* Villeneuve, 1910

Wohlfahrtiodes Villeneuve, 1910: 152. Type species: *Wohlfahrtiodes nudus* Villeneuve, 1910.

Wohlfahrtiodes: KURAHASHI, 1994: 237; PAPE, 1996: 38, 173; ROHDENDORF, 1962: 939; SÉGUY, 1941a: 228; VERVES, 1985: 341; 1986: 122; 1990: 564.

(136) *Wohlfahrtiodes marzinowskyi* Rohdendorf, 1962

Wohlfahrtiodes marzinowskyi Rohdendorf, 1962: 938. Type locality: Turkmenistan: Repetek.

Wohlfahrtiodes marzinowskyi: PAPE, 1996: 173; VERVES, 1985: 342; 1986: 122; 1990: 564; ZHANG D. *et al.*, 2016: 319.

Pa: China: Xinjiang (ZHANG D. *et al.*, 2016).

Subfamily Sarcophaginae Macquart, 1834

Sarcophaginae Macquart, 1834: 36 [as Sarcophagii].

Tribe Johnsoniini Rohdendorf, 1967

Johnsoniini Rohdendorf, 1967b: 58 [as Johnsoniina].

Subtribe Sarcotachinellina Verves, 1988

Sarcotachinellina Verves, 1988: 105.

41. Genus *Sarcotachinella* Townsend, 1892

Sarcotachinella Townsend, 1892: 110. Type species: *Sarcotachinella intermedia* Townsend, 1892 [= *Sarcophaga sinuata* Meigen, 1826].

Sarcotachinella: FAN, 1965: 222, 227; 1992: 637, 644; VERVES, 1986: 143; 1990: 569, 583; 1993: 459; VERVES & KHROKALO, 2006b: 76, 141.

Arhopocnemis Enderlein, 1928: 22, 33. Type species: *Sarcophaga sinuata* Meigen, 1826.

Arhopocnemis: ROHDENDORF, 1937: 388.

Sarcophaga (*Sarcotachinella*): PAPE, 1996: 406.

(137) *Sarcotachinella sinuata* (Meigen, 1826)

Sarcophaga sinuata Meigen, 1826: 22. Type locality: Europe, probably Germany.

Sarcotachinella sinuata: ENDERLEIN, 1928: 22; FAN, 1965: 227; 1992: 637, 645; MA *et al.*, 2014: 450; ROHDENDORF & VERVES, 1978: 245; VERVES, 1986: 144; 1990: 583; 1993: 459; VERVES & KHROKALO, 2006b: 76, 142.

Arhopocnemis sinuata: ROHDENDORF, 1937: 388.

Sarcophaga sinuata: SÉGUY, 1941: 62, 149.

Sarcophaga (*Sarcotachinella*) *sinuata*: PAPE, 1996: 406.

Pa: China: Liaoning, Qinghai, Shaanxi (FAN, 1965, 1992), Shanxi (MA *et al.*, 2014).

Tribe Protodexiini Townsend, 1912

Protodexiini Townsend, 1912: 117.

Protodexiini: LEHRER, 2010: 1; VERVES *et al.* 2016: 231.

Blaesoxiphina: ROHDENDORF, 1965: 677, 679, 692.

42. Genus *Agriella* Villeneuve, 1911

Agriella Villeneuve, 1911: 125. Type species: *Agriella pandellei* Villeneuve, 1911.

Asioblaesoxipha Rohdendorf, 1937: 114. Type species: *Blaesoxipha gobica* Rohdendorf, 1928.

Agriella: FAN, 1992: 623, 624; SALEM, 1938b: 1; ROHDENDORF, 1965: 679, 692; SÉGUY, 1941a: 213, 217; VERVES, 1985: 351, 352; 1986: 123; 1990: 568, 571; VERVES & KHROKALO, 2006b: 76, 124; VERVES *et al.* 2016: 232, 233.

(138) *Agriella gobica* (Rohdendorf, 1928)

Blaesoxipha gobica Rohdendorf, 1928: 38. Type locality: China: Gansu, Dunhuang [as "W Gobi, Satschou Oasis"].

Agriella gobica: FAN, 1992: 625; ROHDENDORF & VERVES, 1978: 254; VERVES, 1985: 353, 355; 1986: 123; 1990: 573, 574.

Asioblaesoxipha gobica: ROHDENDORF, 1932: 137; 1937: 137.

Blaesoxipha gobica: PAPE, 1996: 191.

Pa: China: Gansu (FAN, 1992; PAPE, 1996; ROHDENDORF, 1928, 1932, 1937; ROHDENDORF & VERVES, 1978; VERVES, 1986, 1990).

43. Genus *Blaesoxipha* Löw, 1861

Blaesoxipha Löw, 1861: 384. Type species: *Blaesoxipha grylloctona* Löw, 1861.

Blaesoxipha: FAN, 1992: 623, 625; KURAHASHI *et al.*, 2017: 32; ROHDENDORF, 1965: 679, 692; SÉGUY, 1941: 184; TOWNSEND, 1938: 81; VERVES, 1985: 351, 375; 1986: 124; 1990: 568, 579; VERVES & KHROKALO,

2006b: 76, 124; VERVES *et al.* 2016: 232, 233.

Blaesoxipha (s. str.): PAPE, 1996: 186; ROHDENDORF, 1937: 66, 87; 1965: 680.

Blaesoxypha [incorrect subsequent spelling of *Blaesoxipha* Löw, 1861]: ENDERLEIN, 1928: 31.

(139) *Blaesoxipha cochlearis* (Pandellé, 1896)

Sarcophaga cochlearis Pandellé, 1896: 205. Type locality: France: Hautes-Pyrénées, Tarbes.

Blaesoxipha cochlearis: CHEN L. *et al.*, 2015: 324; FAN, 1992: 626; PAPE, 1996: 189; ROHDENDORF, 1937: 69, 73, 100; ROHDENDORF & VERVES, 1978: 251; SÉGUY, 1941a: 187, 189, 192; VERVES, 1985: 377, 379, 390; 1986: 125; 1990: 576, 579; VERVES & KHROKALO, 2006b: 126.

Blaesoxipha sinica Rohdendorf, 1928: 49. Type-locality: China: Gansu, Ghodjavanutang, Loukhu Tagh.

Blaesoxipha sinica: ROHDENDORF, 1932: 185; 1937: 69, 102; ROHDENDORF & VERVES, 1978: 252.

Pa: China: Gansu (ROHDENDORF, 1928, 1937; FAN, 1992), Liaoning (PAPE, 1996), Xinjiang (CHEN L. *et al.*, 2015; FAN & PAPE, 1996).

(140) *Blaesoxipha dongfangis* Xue, 1978

Blaesoxipha (*Gesneriodes*) *dongfangis* Xue W. [as "Hsue"] 1978: 186. Type locality: China: Liaoning, Benxi, Mt. Tueshashan.

Blaesoxipha dongfangis: FAN, 1992: 627; PAPE, 1996: 190; VERVES, 1985: 377, 395; 1986: 126.

Pa: China: Liaoning (XUE W., 1978).

(141) *Blaesoxipha falciloba* Xue, 1978

Blaesoxipha falciloba Xue W. [as "Hsue"] 1978: 190. Type locality: China: Liaoning, Benxi, Mt. Laotuding.

Blaesoxipha falciloba: PAPE, 1996: 190.

Blaesoxipha arenicola [misidentification: not *Blaesoxipha arenicola* Rohdendorf, 1928]: FAN, 1992: 630; VERVES, 1985: 383.

Pa: China: Liaoning (XUE W., 1978).

(142) *Blaesoxipha formosana* Baranov, 1931

Blaesoxipha formosana Baranov, 1931: 110. Type locality: Taiwan [as „Formosa“]: Kaoxiong, Qishan, Zuku [as “Sokutsu”].

Blaesoxipha formosana: BARTÁK *et al.*, 2019: 46; FAN & PAPE, 1996: 246; KURAHASHI *et al.*, 2017: 37; LIN & CHEN, 1999: 116; PAPE, 1996: 190; SUGIYAMA *et al.*, 1987: 64; XIAO, 2010: 463.

Or: Taiwan (BARANOV, 1931; BARTÁK *et al.*, 2019; FAN & PAPE, 1996; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(143) *Blaesoxipha grylloctona* Löw, 1861

Blaesoxipha grylloctona Löw, 1861: 386. Type locality: Austria: Nieder-Österreich, Scheenberg.

Blaesoxipha grylloctona: FAN, 1992: 629; VERVES, 1985: 377, 378, 399; 1986: 126; VERVES & KHROKALO, 2006b: 131.

Blaesoxipha laticornis [misidentification, not *Sarcophaga laticornis* Meigen, 1826]: PAPE, 1996: 192.

Pa: China: Liaoning (FAN, 1992).

(144) *Blaesoxipha hainanensis* Xue, Verves, Wang & Khrokalo, 2016.

Blaesoxipha hainanensis Xue *et al.*, 2016, in: Verves *et al.*, 2016: 234. Type locality: China: Hainan Province, Bawang ridge.

Or: China: Hainan (VERVES *et al.*, 2016).

(145) *Blaesoxipha hirtithorax* Zhang & Liu, 1997

Blaesoxipha hirtithorax Zhang L. & Liu, 1997: 428. Type locality: China: Liaoning, Jianchang, Mt Daheishan.

Pa: China: Liaoning (ZHANG L. & LIU, 1997).

(146) *Blaesoxipha japonensis* Hori, 1954

Blaesoxipha japonensis Hori, 1954: 43. Type locality: Japan: Honshu, Ishikawa Prefecture, Mt Hôdatsu.

Blaesoxipha japonensis: PAPE, 1996: 191; VERVES, 1985: 378, 401; 1986: 126; VERVES & KHROKALO, 2006b: 132.

Pa: China: Shanghai (FAN & PAPE, 1996).

(147) *Blaesoxipha laticornis* (Meigen, 1826)

Sarcophaga laticornis Meigen, 1826: 27. Type locality not given.

Blaesoxipha laticornis: ROHDENDORF, 1937: 70, 73, 104; SÉGUY, 1941a: 188, 190, 196.

Miltogramma plumicornis Zetterstedt, 1859: 6153. Type locality: Sweden: Gottland.

Blaesoxipha plumicornis: PAPE, 1996: 195; VERVES, 1990: 577, 579, 572; VERVES & KHROKALO, 2006b: 130.

Sarcophaga gladiatrix Pandellé, 1896: 205. Type locality: France: Hautes-Pyrénées, Tarbes.

Blaesoxipha gladiatrix: CHEN L. *et al.*, 2015: 324; FAN, 1992: 628; VERVES, 1984: 554; 1985: 377, 378, 397; 1986: 126.

Pa: China: Jilin, Liaoning (FAN, 1992), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1992).

(148) *Blaesoxipha lautaretensis* Villeneuve, 1928

Blaesoxipha lautaretensis Villeneuve, 1928: 47. Type locality: France: Hautes-Alpes, Lautaret.

Blaesoxipha lautaretensis: FAN, 1992: 627; PAPE, 1996: 193; ROHDENDORF, 1937: 70, 102; SÉGUY, 1941a: 203; VERVES, 1985: 378, 401; 1986: 127; 1990: 578; VERVES & KHROKALO, 2006b: 128; VERVES *et al.*, 2016: 235.

Blaesoxipha benshiensis Xue W. [as "Hsue"], 1978: 187. Type-locality: China: Liaoning, Benshi.

Blaesoxipha qiana Wei & Yang, 2007, in: Li Z. *et al.* (eds), 2007: 534, 540. Type locality: China: Guizhou, Leigongshan National Nature [as "Nate"] Reserve.

Pa: China: Liaoning (XUE W., 1978); Or: China: Guizhou (LI Z. *et al.*, 2007).

(149) *Blaesoxipha litoralis* (Villeneuve, 1911)

Gesneriodes litoralis Villeneuve, 1911: 129. Type locality: France: Corsica, Furiani near Bastia.

Blaesoxipha litoralis: CHEN L. *et al.*, 2015: 324; FAN, 1992: 627; PAPE, 1996: 193; ROHDENDORF, 1937: 69, 99; ROHDENDORF & VERVES, 1978: 252; SÉGUY, 1941a: 188, 189, 197; VERVES, 1985: 377, 378, 404; 1986: 127; 1990: 578, 579; VERVES & KHROKALO, 2006b: 126.

Pa: China: Liaoning, Neimenggu, Shanxi, Xinjiang (CHEN L. *et al.*, 2015; FAN, 1992).

(150) *Blaesoxipha macula* Xue, 1978

Blaesoxipha (s. str.) *macula* Xue W. [as "Hsue"], 1978: 189. Type locality: China: East Liaoning.

- Blaesoxipha macula*: FAN, 1992: 633; PAPE, 1996: 193; VERVES, 1985: 377, 406; 1986: 127.
- Pa: China: Liaoning (FAN, 1992; FAN & PAPE, 1996: 246; XUE, 1978).
- (151) *Blaesoxipha migratoriae* (Rohdendorf, 1928)
- Locustaeavora migratoriae* Rohdendorf, 1928: 58. Type locality: Uzbekistan: Petropavlovski near Tashkent.
- Locustaeavora migratoriae*: ROHDENDORF, 1932: 176; 1937: 52, 124; SÉGUY, 1941a: 178.
- Blaesoxipha (Locustaeavora) migratoriae*: VERVES, 1985: 420; 1986: 129.
- Blaesoxipha migratoriae*: PAPE, 1996: 194.
- Pa: China: Xinjiang (FAN & PAPE, 1996).
- (152) *Blaesoxipha occatrix* (Pandellé, 1896)
- Sarcophaga occatrix* Pandellé, 1896: 178. Type locality: France: Hautes-Pyrénées, Tarbes.
- Blaesoxipha occatrix*: PAPE, 1996: 194; ROHDENDORF, 1937: 73, 99; SÉGUY, 1941a: 189, 198; VERVES, 1985: 377, 378, 406; 1986: 127; VERVES & KHROKALO, 2006b: 128.
- Blaesoxipha zachvatkini* Rohdendorf, 1937: 71, 95. Type locality: Russia: Irkutsk Region, Balagansk District, Khariuzovka.
- Blaesoxipha zachvatkini*: ROHDENDORF & VERVES, 1978: 253; 1979b: 489.
- Blaesoxipha (s. str.) laotudingensis* Xue W. [as "Hsue"], 1978: 187. Type locality: China: Liaoning, Laotuding.
- Pa: China: Liaoning (XUE W., 1978).
- (153) *Blaesoxipha pygmaea* (Zetterstedt, 1844)
- Sarcophaga pygmaea* Zetterstedt, 1844: 1302. Type locality: Sweden: Skåne.
- Blaesoxipha pygmaea*: PAPE, 1996: 196; SÉGUY, 1941a: 186, 189, 199; VERVES, 1990: 577, 579; VERVES & KHROKALO, 2006b: 129; VERVES *et al.*, 2016: 235.
- Blaesoxipha berlinensis* Villeneuve, 1912a: 612. Type locality: Germany: Berlin.
- Blaesoxipha berlinensis*: ROHDENDORF, 1937: 73, 105; VERVES, 1985: 377, 378, 387; 1986: 125.
- Blaesoxipha monticola* Rohdendorf, 1928: 44. Type locality: Turkmenistan: environs of Ashgabat [as "Ashkhabad"], Kopet-Dagh Mts, Aýdere [as "Ay-dere"].
- Blaesoxipha monticola*: ROHDENDORF, 1937: 71, 73, 98; ROHDENDORF & VERVES, 1978: 253; 1979b: 489.
- Pa: China: Xinjiang (ROHDENDORF & VERVES, 1979b).
- (154) *Blaesoxipha redempta* (Pandellé, 1896)
- Sarcophaga redempta* Pandellé, 1896: 177. Type locality: France: Alsace, Colmar.
- Blaesoxipha redempta*: BARTÁK *et al.*, 2019: 46; PAPE, 1996: 196; VERVES, 1990: 578; VERVES & KHROKALO, 2006b: 126.
- Blaesoxipha lapidosa* Pape, 1994: 37. Type locality: Hungary: Kiskunság National Park.
- Blaesoxipha lapidosa*: PAPE, 1996: 192.
- Blaesoxipha lineata* [misidentification: not *Musca lineata* Fallén, 1817; junior homonym of *Musca lineata* Harris, 1776, and *Musca lineata* Fabricius, 1781; Diptera: Muscidae]: QUO, 1954: 277; ROHDENDORF, 1937: 70, 73, 88; ROHDENDORF & VERVES, 1978: 251.
- Blaesoxipha (Gesneriodes) lineata*: ROHDENDORF, 1928: 55; 1930b: 318; 1932: 179; VERVES, 1990: 576.
- Gesneriodes lineata*: SÉGUY, 1941a: 180, 181.
- Blaesoxipha agrestis* [misidentification: not *Gesneria agrestis* Robineau-Desvoidy, 1863]: BEZZI & STEIN, 1907: 485; VERVES, 1985: 377, 378, 380.
- Blaesoxipha campestris* [misidentification: not *Tephromyia campestris* Robineau-Desvoidy, 1863]: CHEN L. *et al.*, 2015: 324; FAN, 1992: 631; VERVES, 1984: 553; 1986: 125.
- Pa: China: Hebei, Heilongjiang, Jiangsu, Jilin, Liaoning, Neimenggu (FAN, 1992), Shandong (FAN, 1992; ROHDENDORF, 1930b), Shanghai (QUO, 1954), Xinjiang (CHEN L. *et al.*, 2015; FAN & PAPE, 1996).
- (155) *Blaesoxipha rufipes* (Macquart, 1839)
- Agria rufipes* Macquart, 1839, in: Webb & Berthelot, 1839: 113. Type locality: Canary Is.: probably Tenerife.
- Blaesoxipha rufipes*: BARTÁK *et al.*, 2019: 46; FAN, 1992: 633; KANO *et al.*, 1999: 132; PAPE, 1996: 196; VERVES, 1985: 377, 378, 412; 1986: 128; 1990: 577, 578; VERVES & KHROKALO, 2006b: 129; VERVES *et al.*, 2016: 235; ZHANG B. *et al.*, 2010: 358.
- Parasarcophila rufipes*: SÉGUY, 1941a: 228.
- Blaesoxipha filipjevi* Rohdendorf, 1928: 26. Type-locality: Russia: Dagestan, Station Alexandro-Newaskaia, Monastyrski, Cherni Rynok.
- Blaesoxipha filipjevi*: ROHDENDORF, 1928: 34; 1932: 180; 1937: 71, 72, 110; ROHDENDORF & VERVES, 1978: 252.
- Gesneriodes filipjevi*: SÉGUY, 1941a: 180; VENTURI, 1960: 10.
- Blaesoxipha fanjingensis* Wei L., 2006, in: Li Z. & Jin (eds), 2006: 546. Type-locality: China: Guizhou, Fanjingshan National Nature [as "Nate"] Reserve.
- Pa: China: Liaoning, Neimenggu, Sichuan (FAN, 1992); Or: China: Guangdong (FAN, 1992; KANO *et al.*, 1999; ZHANG B. *et al.*, 2010), Guizhou (LI Z. & JIN, 2006), Hainan (ZHANG B. *et al.*, 2010), Yunnan (FAN, 1992; KANO *et al.*, 1999).
- (156) *Blaesoxipha sublaticornis* Xue, 1978
- Blaesoxipha (s. str.) sublaticornis* Xue W. [as "Hsue"], 1978: 189. Type locality: China: East Liaoning.
- Blaesoxipha sublaticornis*: FAN, 1992: 630; PAPE, 1996: 198; VERVES, 1985: 377, 414; 1986: 128; VERVES & KHROKALO, 2006b: 131.
- Pa: China: Liaoning (XUE W., 1978).
- (157) *Blaesoxipha taiwanensis* Pape, 1994
- Blaesoxipha taiwanensis* Pape, 1994: 38. Type locality: Taiwan: Nantou Hsien, Lenai.
- Blaesoxipha taiwanensis*: BARTÁK *et al.*, 2019: 46; KURAHASHI *et al.*, 2017: 37; PAPE, 1996: 198; XIAO, 2010: 463.
- Or: Taiwan (BARTÁK *et al.*, 2019; FAN & PAPE, 1996; KURAHASHI *et al.*, 2017; PAPE, 1994, 1996; XIAO, 2010).
- (158) *Blaesoxipha unicolor* (Villeneuve, 1912)
- Gesneriella unicolor* Villeneuve, 1912a: 615. Type locality: Hungary: Hild.
- Blaesoxipha unicolor*: BARTÁK *et al.*, 2019: 46; FAN, 1992: 630; PAPE, 1996: 198; ROHDENDORF, 1928: 54; 1932: 188; 1937: 71, 72, 109; ROHDENDORF & VERVES, 1978: 252; 1979b: 486; TOWNSEND, 1938: 85; VERVES, 1984: 555; 1985: 377, 378, 417; 1986: 128; 1990: 577, 578;

- VERVES & KHROKALO, 2006b: 129; VERVES *et al.*, 2016: 235; WANG Y. *et al.*, 2009: 400.
- Gesneriodes unicolor*: SÉGUY, 1941a: 180, 184.
- Blaesoxipha subunicolor* MA C., 1981: 186. Type-locality: China: Liaoning, Jianchang, Mt. Daheishan.
- Blaesoxipha subunicolor*: FAN, 1992: 630.
- Blaesoxipha cladorosa* Wei & Yang, 2007, in: Li Z. *et al.* (eds), 2007: 534, 539. Type locality: China: Guizhou, Leigongshan National Nature [as "Nate"] Reserve.
- Pa: China: Liaoning (FAN, 1992; MA C., 1981), Neimenggu (FAN, 1992), Shanxi (WANG Y. *et al.*, 2009); Or: China: Guizhou (LI Z. *et al.*, 2007).
44. *Mantidophaga* Townsend, 1919.
- Mantidophaga* Townsend, 1919: 160. Type-species: *Mantidophaga stagmomantis* Townsend, 1919 (= *Sarcophaga flavipes* Aldrich, 1916).
- Blaesoxiphomima* Verves, 1985: 352, 426 [as subgenus of *Servaisia* Robineau-Desvoidy, 1863]. Type-species: *Blaesoxipha mixta* Rohdendorf, 1937.
- Mantidophaga*: VERVES *et al.*, 2016: 236.
- (159) *Mantidophaga mixta* (Rohdendorf, 1928)
- Mantidophaga mixta*: VERVES *et al.*, 2016: 236.
- Blaesoxipha mixta* Rohdendorf, 1928: 42. Type locality: Russia: Ak-Bulak near Orenburg.
- Blaesoxipha mixta*: ROHDENDORF, 1932: 185.
- Blaesoxipha (Servaisia) mixta*: FAN & PAPE, 1996: 247; PAPE, 1996: 204; ROHDENDORF, 1937: 69, 85.
- Servaisia (Blaesoxiphomima) mixta*: VERVES, 1985: 426; 1990: 579.
- Servaisia (s. str.) mixta*: FAN, 1992: 634; VERVES, 1986: 131.
- Pa: China: Liaoning (FAN, 1992; FAN & PAPE, 1996).
45. Genus *Servaisia* Robineau-Desvoidy, 1863
- Servaisia* Robineau-Desvoidy, 1863: 429. Type species: *Servaisia erythrocerata* Robineau-Desvoidy, 1863 (= *Sarcophaga erythrura* Meigen, 1826).
- Servaisia*: FAN, 1992: 624, 633; ROBACK, 1954: 84; VERVES, 1985: 422; 1986: 129; 1990: 568, 579; 1993: 441; VERVES & KHROKALO, 2006b: 76, 234; VERVES *et al.*, 2016: 236.
- Blaesoxipha (Servaisia)*: PAPE, 1996: 202; ROHDENDORF, 1937: 73; 1965: 680, 692.
- 45.1. Subgenus *Acridiophaga* Townsend, 1917
- Acridiophaga* Townsend, 1917: 46. Type species: *Sarcophaga aculeata* Aldrich, 1916.
- Servaisia (Acridiophaga)*: ROBACK, 1954: 86; VERVES, 1985: 352, 423; 1986: 129; VERVES *et al.*, 2016: 237.
- Blaesoxipha (Acridiophaga)*: PAPE, 1996: 184; ROHDENDORF, 1965: 680, 692.
- (160) *Servaisia (Acridiophaga) subamericana* (Rohdendorf, 1932)
- Blaesoxipha (Servaisia) subamericana* Rohdendorf, 1932: 183. Type locality: Kazakhstan: Kokchetav [= Kokshetau] Region, Borovoe.
- Servaisia (Acridiophaga) subamericana*: VERVES, 1985: 423, 425; 1986: 129; 1990: 581; VERVES & KHROKALO, 2006b: 135.
- Servaisia subamericana*: FAN, 1992: 635.
- Blaesoxipha (Acridiophaga) subamericana*: FAN & PAPE, 1996: 245.
- Pa: China: Shanxi, Xinjiang (FAN, 1992; FAN & PAPE, 1996).
- 45.2. Subgenus *Servaisia* s. str.
- Blaesoxipha (Servaisia)*: ROHDENDORF, 1965: 680, 692.
- (161) *Servaisia (s. str.) cothurnata* (Xue, 1978)
- Blaesoxipha (Servaisia) cothurnata* Xue [as "Hsue"] 1978: 185. Type locality: China: East Liaoning.
- Servaisia (s. str.) cothurnata*: VERVES, 1985: 422; 1986: 129.
- Servaisia cothurnata*: FAN, 1992: 634.
- Blaesoxipha (Servaisia) cothurnata*: PAPE, 1996: 203.
- Pa: China: Hebei (FAN, 1992), Liaoning (FAN, 1992; VERVES, 1985; XUE, 1978), Shanxi (FAN, 1992; FAN & PAPE, 1996).
- (162) *Servaisia (s. str.) jakovlevi* (Rohdendorf, 1937)
- Blaesoxipha (Servaisia) jakovlevi* Rohdendorf, 1937: 71, 72, 79. Type locality: China: Neimenggu, Langashi.
- Servaisia (s. str.) jakovlevi*: VERVES, 1985: 429, 435; 1986: 131; 1990: 581; VERVES & KHROKALO, 2006b: 136.
- Servaisia jakovlevi*: FAN, 1992: 634.
- Blaesoxipha (Servaisia) jakovlevi*: PAPE, 1996: 204; ROHDENDORF & VERVES, 1979b: 485; VERVES, 1984: 556.
- Pa: China: Neimenggu (FAN, 1992; ROHDENDORF, 1937).
- (163) *Servaisia (s. str.) kozlovi* (Rohdendorf, 1937)
- Blaesoxipha (Servaisia) kozlovi* Rohdendorf, 1937: 68, 72, 78. Type locality: Russia: East Siberia, Olkhon Island on Baikal Lake.
- Servaisia (s. str.) kozlovi*: VERVES, 1985: 422; 1986: 129; 1990: 568, 579; 1993: 441; VERVES & KHROKALO, 2006b: 136.
- Blaesoxipha (Servaisia) kozlovi*: ROHDENDORF & VERVES, 1978: 250; 1979b: 484; VERVES, 1984: 555.
- Pa: China: Qinghai (FAN & PAPE, 1996).
- (164) *Servaisia (s. str.) nigradorsalis* (Chao & Zhang, 1988b), comb. nov.
- Blaesoxipha (Servaisia) nigradorsalis* Chao & Zhang, 1988b: 76, 79. Type locality: China: Xinjiang, Zhaosu.
- Blaesoxipha (Servaisia) nigradorsalis*: PAPE, 1996: 205; ZHANG D. *et al.*, 2015: 494.
- Pa: China: Xinjiang (CHAO & ZHANG, 1988b; PAPE, 1996; ZHANG D. *et al.*, 2015).
- (165) *Servaisia (s. str.) rossica* (Villeneuve, 1912).
- Blaesoxipha rossica* Villeneuve, 1912a: 611. Type locality: "Russia".
- Servaisia (s. str.) rossica*: VERVES, 1985: 430; 1986: 131; 1990: 582; 1993: 444; VERVES & KHROKALO, 2006b: 138.
- Servaisia rossica*: FAN, 1992: 624, 633. FENG Y., 2011: 548.
- Blaesoxipha (Servaisia) rossica*: PAPE, 1996: 205.
- Blaesoxipha rossica*: SÉGUY, 1941a: 186, 188, 200.
- Pa: China: Heilongjiang, Jilin, Liaoning, Neimenggu, Shanxi (FAN, 1992), Sichuan (FENG Y., 2011), Xinjiang (FAN, 1992).

(166) *Servaisia* (s. str.) *silantjevi* (Rohdendorf, 1937)

Blaesoxipha (*Servaisia*) *silantjevi* Rohdendorf, 1937: 68, 72, 80. Type-locality: Russia: Altai, Onguday.

Blaesoxipha (*Servaisia*) *silantjevi*: PAPE, 1996: 206; ROHDENDORF & VERVES, 1978: 250; 1979b: 484.

Blaesoxipha erythrura [misidentification: not *Sarcophaga erythrura* Meigen, 1826]: CHEN L. *et al.*, 2015: 324.

Pa: China: Gansu, Liaoning, Neimenggu, Qinghai, Xinjiang (FAN, 1992), Shanxi (CHEN L. *et al.*, 2015; FAN, 1992).

46. Genus *Tephromyia* Brauer & Bergenstamm, 1891

Tephromyia Brauer & Bergenstamm, 1891: 366. Type species: *Sarcophaga grisea* Meigen, 1926.

Tephromyia: FAN, 1992: 624; ROHDENDORF, 1937: 52, 126; 1965: 679, 692; SÉGUY, 1941a: 43, 204; VENTURI, 1960: 22; 1961: 1; VERVES, 1985: 352; 1986: 131; 1990: 569, 583; 1993: 448; VERVES & KHROKALO, 2006b: 76, 139; VERVES *et al.*, 2016: 237.

Blaesoxipha (*Tephromyia*): PAPE, 1996: 207.

(167) *Tephromyia grisea* (Meigen, 1826)

Sarcophaga grisea Meigen, 1926: 18. Type localities: France: Allier, Buysson; Apt, Abeille; Macon, Flamary.

Tephromyia grisea: ROHDENDORF, 1937: 127; SÉGUY, 1941a: 206; VERVES, 1986: 131; 1990: 583; 1993: 449; VERVES & KHROKALO, 2006b: 140.

Blaesoxipha (*Tephromyia*) *grisea*: PAPE, 1996: 209.

Blaesoxipha (s. str.) *magniforcipis* Chao & Zhang, 1988b: 75, 79. Type-locality: China: Xinjiang, Zhaosu, 43°10'N, 81°E.

Blaesoxipha (s. str.) *magniforcipis*: ZHANG D *et al.*, 2015: 496.

Pa: China: Xinjiang (FAN & PAPE, 1996; VERVES, 1990).

Tribe Raviniini Rohdendorf, 1937

Raviniini Rohdendorf, 1937: 49, 395.

Raviniini: ROBACK, 1954: 72; VERVES, 1993: 450.

Subtribe Raviniina Rohdendorf, 1937

Raviniina: ROHDENDORF, 1965: 677, 680, 691, 694.

47. Genus *Ravinia* Robineau-Desvoidy, 1863

Ravinia Robineau-Desvoidy, 1863: 434. Type species: *Sarcophaga haematodes* Meigen, 1826 (= *Musca pernix* Harris, 1780).

Ravinia: FAN, 1965: 220; 1992: 623, 635; PAPE, 1996: 284; ROHDENDORF, 1937: 391; 1965: 691, 694; VERVES, 1986: 133; 1990: 569, 583; 1993: 451; VERVES & KHROKALO, 2006b: 76, 140.

(168) *Ravinia pernix* (Harris, 1780).

Musca pernix Harris, 1780: 84. Type locality: United Kingdom: England.

Ravinia pernix: BARTÁK *et al.*, 2019: 46; FENG Y. *et al.*, 2016: 371; GIROUX *et al.*, 2010: 765; PAPE, 1996: 288; VERVES, 1990: 583; VERVES & KHROKALO, 2006b: 140; ZHANG B. *et al.*, 2010: 360.

Musca striata Fabricius, 1794: 315 [junior homonym of *Musca striata* Gmelin, 1790; Diptera: Keroplatidae]. Type locality: Denmark: Copenhagen [as "Hafniae"].

Ravinia striata: CHEN L. *et al.*, 2015: 323; CHEN L. & ZHU, 2014: 24; CHEN X. *et al.*, 2013: 51; CHOU, 1963: 233; FAN, 1965: 222; 1992: 637; FENG Y., 2011: 548; JIA *et al.*, 2010: 442; LI M. *et al.*, 2014: 549; MA, G. *et al.*, 2014: 449; ROHDENDORF, 1937: 391; VERVES, 1986: 133; 1993:

451; WANG Y. *et al.*, 2012: 232; ZHANG G. *et al.*, 2010: 989; ZHANG G. & ZHANG Z., 2010: 293.

Sarcophaga striata: SÉGUY, 1941a: 58, 153.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1965, 1997), Gansu (FAN, 1965, 1992; WANG Y. *et al.*, 2012), Hebei, Heilongjiang, Henan, Hubei, Jiangsu (FAN, 1992), Jilin (FAN, 1965, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1965, 1992), Neimenggu, Ningxia, Qinghai, Shaanxi (FAN, 1965, 1992), Shandong (CHOU, 1963; FAN, 1965, 1992), Shanxi (LI M. *et al.*, 2014; MA, G. *et al.*, 2014, Sichuan (FAN, 1965, 1992; FENG Y., 2011; FENG Y. *et al.*, 2016), Tianjin (FAN, 1965, 1992), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1965, 1992); Tibet [= Xizang] (FAN, 1965, 1992); Or: China: Guangdong (ZHANG B. *et al.*, 2010), Guizhou, Hunan, Yunnan (FAN, 1965, 1992).

Tribe Sarcodexiini Roback, 1954

Sarcodexiini ROBACK, 1954: 77.

Sarcodexiini: LOPES, 1982: 309; VERVES, 1985: 350; 1993: 455.

Subtribe Helicobiina Rohdendorf, 1967

Helicobiina Rohdendorf, 1967: 58, 59.

Helicobiina: LOPES, 1975: 287; VERVES, 1993: 456.

48. Genus *Alisarcophaga* Fan & Chen, 1981

Alisarcophaga Fan & Chen, 1981: 241, 244. Type species: *Sarcophaga gressitti* Hall & Bohart, 1948.

Alisarcophaga: FAN, 1992: 642; KURAHASHI *et al.*, 2017: 33; VERVES, 1993: 456.

Sarcophaga (*Alisarcophaga*): PAPE, 1996: 296.

(169) *Alisarcophaga gressitti* (Hall & Bohart, 1948).

Sarcophaga gressitti Hall & Bohart, 1948: 131. Type locality: USA: Guam I., Point Ritidan.

Alisarcophaga gressitti: BARTÁK *et al.*, 2019: 46; FAN & CHEN, 1981: 241, 242, 244; VERVES, 1993: 456; ZHANG B. *et al.*, 2010: 357.

Sarcophaga (*Alisarcophaga*) *gressitti*: PAPE, 1996: 296.

Pierretia spatuliformis Ye, 1980a: 412. Type locality: China: Hainan, Ximao Dao.

China: Or: Hainan (FAN & CHEN, 1981; YE, 1980a; ZHANG B. *et al.*, 2010).

Tribe Sarcophagini Macquart, 1834

Subtribe Helicophagellina Lopes, Kano, Shinonaga & Kurahashi, 1977

Helicophagellina Lopes *et al.*, 1977: 576.

Helicophagellina: VERVES 1989: 538; 1993: 462, 463.

Bellieriomima ROHDENDORF, 1965 [in part – genus "*Bellieria*" only]: 677, 680, 692.

49. Genus *Helicophagella* Enderlein, 1928

Helicophagella Enderlein, 1928: 38. Type species: *Sarcophaga noverca* Rondani, 1860.

Helicophagella: FAN, 1992: 638, 648; 2002: 81, 82; LEHRER, 1995: 107; 2000: 439; KURAHASHI *et al.*, 2017: 33; VERVES, 1986: 136; 1990: 569, 591; 1993: 464; VERVES & KHROKALO, 2006b: 76, 143.

Sarcophaga (*Helicophagella*): BLACKITH *et al.*, 1997: 383; PAPE, 1996: 318.

Bellieria [misidentification: not *Bellieria* Robineau-Desvoidy, 1863: 432 with type species *Myophora cinerea* Robineau-Desvoidy, 1863; both taxons are nomina dubia]: FAN, 1965: 223, 229; ENDERLEIN,

1928: 36; ROHDENDORF, 1937: 53, 129; 1965: 680, 692.

49.1. Subgenus *Helicophagella* s. str.

Villeneuvea Rohdendorf, 1937: 130, 147 [as subgenus of *Bellieria* sensu Rohdendorf, 1937]. Type species: *Sarcophaga agnata* Rondani, 1860.

Bellieria (*Villeneuvea*): ROHDENDORF, 1965: 680, 692.

Bellieria: ROHDENDORF, 1937: 55.

(170) *Helicophagella* (s. str.) *pseudagnata* (Rohdendorf, 1937)

Bellieria (*Villeneuvea*) *pseudagnata* Rohdendorf, 1937: 130, 149. Type locality: Russia: Dagestan, Mt. Khyly Khor.

Helicophagella (s. str.) *pseudagnata*: VERVES, 1993: 465, 472.

Helicophagella pseudagnata: VERVES, 1986: 138.

Pa: China: Xinjiang (VERVES, 1993).

49.2. Subgenus *Parabellieria* Verves, 1987

Parabellieria Verves, 1987: 664 [as subgenus of *Helicophagella* Enderlein, 1928]. Type species: *Sarcophaga melanura* Meigen 1826.

Helicophagella (*Parabellieria*): VERVES, 1990: 591; 1993: 464, 475.

Ahavanella Lehrer, 1995: 110 [as genus]. Type species: *Bellieria macrura* Rohdendorf, 1937.

Bellieria (s. str.) [sensu ENDERLEIN, 1928: 36]: Type species: *Sarcophaga melanura* Meigen 1826.

Bellieria: ROHDENDORF, 1937 [partly]: 53; 1965: 680, 692.

(171) *Helicophagella* (*Parabellieria*) *dreyfusi* (Lehrer, 1994)

Ahavanella dreyfusi Lehrer, 1994b: 85. Type locality not given.

Helicophagella dreyfusi: FAN & PAPE, 1996: 248; VERVES & KHROKALO, 2006b: 76, 145.

Sarcophaga (*Helicophagella*) *dreyfusi*: BLACKITH *et al.*, 1997: 396, 430; PAPE, 1996: 319.

Parabellieria dreyfusi: LEHRER, 2000: 445.

Bellieria (s. str.) *maculata* [misidentification: not *Sarcophaga maculata* Meigen, 1826]: ROHDENDORF, 1937: 130, 132.

Bellieria maculata: FAN, 1965: 231.

Helicophagella (*Parabellieria*) *maculata*: VERVES, 1990: 586, 591.

Helicophagella maculata: FAN, 1992: 648.

Pa: China: Neimenggu, Ningxia, Xinjiang (BLACKITH *et al.*, 1997; FAN, 1965, 1992; FAN & PAPE, 1996; ROHDENDORF, 1937).

(172) *Helicophagella* (*Parabellieria*) *melanura* (Meigen, 1826)

Sarcophaga melanura Meigen, 1826: 23. Type locality not given.

Helicophagella (*Parabellieria*) *melanura*: BARTÁK *et al.*, 2019: 46; VERVES, 1986: 138; 1990: 593; 1993: 465, 480; VERVES & KHROKALO, 2006b: 146.

Helicophagella melanura: BAO, 2001a: 563; 2001b: 98; CHEN L. & ZHU, 2014: 24; CHEN L. *et al.*, 2015: 323; CHEN X. *et al.*, 2013: 51; FAN, 1992: 650; FENG S. *et al.*, 2012: 143; FENG Y., 2006: 495; 2011: 544, 548; 2015: 194; FENG Y. *et al.*, 1990: 63; 2016: 371; GUO *et al.* 2011: 1534; 2012: 51; HU *et al.* 2008: 524; HUANG *et al.*, 2013: 168; JI *et al.*, 2011: 478; JIA *et al.*, 2010: 442; KANO *et al.*, 1968: 82; KURAHASHI *et al.*, 2017: 37; LI M. *et al.*, 2014: 550; LIM *et al.*, 2012: 311-325; LIU J. *et al.*, 2012: 49; LIU X. *et al.*, 2001: 424; MA G. *et al.*, 2014: 449; MA H. *et al.*, 2009: 401; SHE *et al.* 2012: 57; WANG Y. *et al.*, 2009: 400; WANG X. *et al.*, 2014: 270; WU W. *et al.*, 2014: 1564; XU Y. *et al.*, 2010: 12; YANG L. *et al.*, 2010a: 253; 2010b:

819. ZHANG B. *et al.*, 2010: 358; ZHANG G. *et al.*, 2010: 986; ZHANG G. & ZHANG Z., 2010: 292; ZHANG Q. *et al.*, 2014: 340; ZHANG, S. & JIA, 2002: 82; ZHAO *et al.*, 2014: 342; ZHENG *et al.*, 2010: 510.

Bellieria melanura: FAN, 1965: 231; ROHDENDORF & VERVES, 1978: 255; WEI, 2007: 544.

Bellieria (s. str.) *melanura*: ROHDENDORF, 1937: 130, 135; 1964: 81.

Sarcophaga (*Helicophagella*) *melanura*: PAPE, 1996: 320.

Sarcophaga melanura: CHOU, 1963: 233; HO, 1934b: 31; LIN & CHEN, 1999: 117; PIWCZYŃSKI *et al.*, 2017: 55, 57; REN *et al.*, 2018: 19; ROHDENDORF, 1930b: 315; SÉGUY, 1941a: 64, 118; SHIMADA *et al.*, 1961: 34; SUGIYAMA *et al.*, 1987: 73; XIAO, 2010: 463.

Pa: China: Anhui (PAPE, 1996), Beijing (CHE *et al.*, 2009; CHEN L. & ZHU, 2014; FAN, 1992; HUANG *et al.*, 2013; ZHENG *et al.*, 2010), Chongqing (FENG S. *et al.*, 2012), Gansu (FAN, 1992), Hebei (FAN, 1992; YANG L. *et al.*, 2010a, b), Heilongjiang (FAN, 1992), Henan (FAN, 1992; LIU J. *et al.*, 2012), Hubei (FAN, 1992; ZHENG *et al.*, 2010), Jiangsu (FAN, 1992; HO, 1934b; ZHENG *et al.*, 2010), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010; ZHENG *et al.*, 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Neimenggu (FAN & PAPE, 1996), Ningxia (FAN, 1992), Qinghai (CHAO & ZHANG, 1982), Shaanxi (FAN, 1992; SHE *et al.* 2012; WANG X. *et al.*, 2014; WANG Y. *et al.*, 2009), Shandong (CHOU, 1963; FAN, 1992; ROHDENDORF, 1930b), Shanghai (FAN, 1992; JI *et al.*, 2011), Shanxi (FAN, 1992; MA G. *et al.*, 2014; LI M. *et al.*, 2014; YANG L. *et al.*, 2010), Sichuan (FENG Y., 2006, 2011, 2015; FENG Y. *et al.*, 2016), Tianjin (FAN, 1992), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1992); Tibet [=Xizang] (CHAO & ZHANG, 1982; FAN, 1992);

Or: China: Fujian (FAN, 1992), Guangdong (FAN, 1992; ROHDENDORF, 1964; WANG J. *et al.*, 2008; ZHANG B. *et al.*, 2010; ZHANG, S. & JIA, 2002; ZHENG *et al.*, 2010), Guangxi (FAN, 1992), Guizhou (FAN, 1992; WEI, 2007), Hainan (FAN, 1992; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968), Hunan (YANG *et al.*, 2010), Jiangxi (LIU *et al.*, 2001; MA H. *et al.*, 2009), Yunnan (FAN, 1992), Zhejiang (BAO, 2001a, b; HO, 1934b; WU W. *et al.*, 2014; YANG *et al.*, 2010; ZHANG Q. *et al.*, 2014); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; ROHDENDORF, 1937; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(173) *Helicophagella* (*Parabellieria*) *rohdendorfi* (Grunin, 1964)

Bellieria rohdendorfi Grunin, 1964: 76. Type locality: Tajikistan: bank of river Mukor.

Helicophagella rohdendorfi: FAN, 1992: 650; VERVES, 1986: 138; 1990: 588, 593; 1993: 464, 475; VERVES & KHROKALO, 2006b: 76, 145.

Sarcophaga altitudinis Sugiyama, 1988: 117 [unnecessary new replacement name for *Bellieria rohdendorfi* Grunin, 1964].

Sarcophaga (*Helicophagella*) *altitudinis*: BLACKITH *et al.*, 1997: 397, 430; PAPE, 1996: 318.

Pa: Tibet [= Xizang] (BLACKITH *et al.*, 1997; FAN, 1992).

Subtribe Kozloveina Verves, 1989

Kozloveina Verves, 1989c: 33, 36.

Kozloveina: VERVES, 1993: 463, 485.

50. Genus *Kozlovea* Rohdendorf, 1937

Kozlovea Rohdendorf, 1937: 55, 300. Type species: *Kozlovea tshernovi* Rohdendorf, 1937.

Kozlovea: CHAO & ZHANG, 1988c: 445; FAN, 1965: 223; 1992: 638; FAN & PAPE, 1996: 251; LEHRER, 2010a: 23; NANDI, 1976: 369; 2002: 503; ROHDENDORF, 1965: 683, 693; VERVES, 1986: 158; 1990: 569, 597; 1993: 463, 485.

Sarcophaga (*Kozlovea*): PAPE, 1996: 340.

(174) *Kozlovea lopesi* Nandi, 1976.

Kozlovea lopesi Nandi, 1976: 369. Type locality: India: Himachal Pradesh, Chatru, Spiti Valley.

Kozlovea lopesi: BARTÁK *et al.*, 2019: 46; CHAO & ZHANG, 1982: 227; FAN, 1992: 640; LEHRER, 2010a: 23; NANDI, 2002: 504, 507; VERVES, 1986: 158; 1993: 486.

Kozlovea yangiana Lehrer, 2010a: 26, syn. nov. Type locality not given.

Comment: The description of *Kozlovea yangiana* is based on drawings of male genitalia of *Kozlovea lopesi* after FAN, 1992 (p. 640, figs A84-A86) only. The differences in drawings of FAN and other authors (NANDI, 1976 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Pa: Tibet [= Xizang] (CHAO et ZHANG, 1982).

(175) *Kozlovea tshernovi* Rohdendorf, 1937

Kozlovea tshernovi Rohdendorf, 1937: 300. Type locality: China: Neimenggu, Ala Shan, Subugan Gol.

Kozlovea tshernovi: FAN, 1965: 226; 1992: 640; FAN & PAPE, 1996: 251; LEHRER, 2010a: 23; VERVES, 1986: 158; 1990: 597; 1993: 488;

Sarcophaga (Kozlovea) tshernovi: PAPE, 1996: 341.

Kozlovea cetu Chao & Zhang, 1988c: 445. Type-locality: China: environs of Beijing, Mt. Baihuashan.

Kozlovea cetu: CHAO & ZHANG, 1982: 227; FENG Y., 2011: 548; FENG Y. *et al.*, 2016: 371; LEHRER, 2010a: 24; LI M. *et al.*, 2014: 550; MA G. *et al.*, 2014: 449; VERVES, 1986: 158; 1990: 597; WANG Y. *et al.*, 2012: 233; ZHANG D. *et al.*, 2015: 502.

Kozlovea nyatria Lehrer, 2010a: 25, syn. nov. Type locality not given.

Comment: The description of *Kozlovea nyatria* is based on drawings of male genitalia of *Kozlovea tshernovi* after VERVES, 1993 (p. 488, fig. 510) only. The differences in drawings of VERVES and other authors (CHAO & ZHANG, 1988c; ROHDENDORF, 1937 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Pa: China: Beijing (CHAO & ZHANG, 1978), Gansu (WANG Y. *et al.*, 2012), Hebei, Neimenggu, Qinghai (CHAO & ZHANG, 1982), Shanxi (LI M. *et al.*, 2014; MA G. *et al.*, 2014), Sichuan (FAN & PAPE, 1996; FENG Y., 2011; FENG Y. *et al.*, 2016); Tibet [= Xizang] (FAN & PAPE, 1996: 251; ROHDENDORF, 1937; VERVES, 1986, 1993); Or: China: Yunnan (FAN & PAPE, 1996; VERVES, 1993).

Subtribe *Leucomyiina* Rohdendorf, 1965

Leucomyiina Rohdendorf, 1965: 677.

Leucomyiina: VERVES, 1986: 180; 1993: 463.

51. Genus *Leucomyia* Brauer et Bergenstamm, 1891

Leucomyia Brauer et Bergenstamm, 1891: 64. Type species: *Sarcophila alba* Schiner, 1868.

Leucomyia: FAN, 1965: 222; 1992: 637, 643; FAN & PAPE, 1996: 251; KURAHASHI *et al.*, 2017: 87, 92; LEHRER, 2008a: 6; ROHDENDORF, 1965: 691, 693; VERVES, 1986: 180.

Sarcophaga (Leucomyia): PAPE, 1996: 342.

(176) *Leucomyia alba* (Schiner, 1868)

Sarcophila alba Schiner, 1868: 315.

Leucomyia alba: BARTÁK *et al.*, 2019: 46, 48; BRAUER & BERGENSTAMM, 1891: 64; KURAHASHI *et al.*, 2017: 37; ZHANG B. *et al.*, 2010: 358.

Sarcophaga (Leucomyia) alba: PAPE, 1996: 342; ZHANG D. *et al.*, 2015: 504; XIAO, 2010: 463.

Musca cinerea Fabricius, 1794: 331. Type locality: East India: Abildgaard [junior homonym of *Musca cinereus* Harris, 1780; Diptera: Tephritidae, and *Musca cinerea* Villers, 1789; Diptera: unrecognized family].

Leucomyia cinerea: CHEN X. *et al.*, 2013: 51; FAN, 1965: 222; 1992: 643; FAN & PAPE, 1996: 251; LEHRER, 2008a: 8; ROHDENDORF, 1965: 691, 693; VERVES, 1986: 180.

Sarcophila cinerea: SENIOR-WHITE *et al.*, 1940: 277.

Sarcophaga cinerea: SUGIYAMA & KANO, 1984: 356; SUGIYAMA *et al.*, 1987: 67.

Seniorwhitea cinerea: NANDI, 2002: 562.

Leucomyia cinerea dukoicus Zhang X. & Chao, 1988: 289. Type locality: China: Sichuan, Dukou.

Sarcophaga cineria [incorrect subsequent spelling of *cinerea* Fabricius, 1794]: LIN & CHEN, 1999: 117.

Leucomyia tarima Lehrer, 2008a: 10, syn. nov. Type locality not given.

Comment: The description of *Leucomyia tarima* is based on drawings of *Leucomyia cinerea* after FAN, 1992 (p. 444, figs 1284 t, m, p) only. The differences in drawings of FAN and other authors (ROHDENDORF, 1965 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Pa: China: Hebei (FAN, 1992; FAN & PAPE, 1996), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992; FAN & PAPE, 1996), Sichuan (FAN, 1992); Or: China: Guangdong (FAN, 1992; FAN & PAPE, 1996; ZHANG B. *et al.*, 2010); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017: 37; SUGIYAMA *et al.*, 1987; XIAO, 2010).

Subtribe *Heteronychiina* Rohdendorf, 1965

Heteronychiina Rohdendorf, 1965: 683, 693. 677

Heteronychiina: 1989b: 93; 1993: 489.

52. Genus *Heteronychia* Brauer et Bergenstamm, 1889

Heteronychia Brauer et Bergenstamm, 1889: 124. Type species: *Heteronychia chaetoneura* Brauer et Bergenstamm, 1889.

Heteronychia: FAN, 1965: 224, 240; 1992: 638, 651; KURAHASHI *et al.*, 2017: 33; ROHDENDORF, 1965: 684, 693; SÉGUY, 1941a: 59; VERVES, 1986: 146; 1989b: 93; 1990: 569, 597; 1993: 489, 496; VERVES & KHROKALO, 2015: 11, 19.

Eupierretia Rohdendorf, 1937: 363 [as subgenus of *Pierretia*]. Type species: *Sarcophaga proxima* Rondani, 1860.

Pierretia [misidentification: not *Pierretia* Robineau-Desvoidy, 1863]: ENDERLEIN, 1928: 47; ROHDENDORF, 1937: 303.

Pierretia (Heteronychia): ROHDENDORF, 1937: 55, 300, 349.

Spatulapica Fan, 1964: 306, 316, new name for *Pierretia* (s. str.) sensu Rohdendorf, 1937. Type species: *Sarcophaga haemorrhoea* Meigen, 1826.

Heteronychia (Spatulapica): Verves, 1979b: 860; 1986: 155.

Sarcophaga (Heteronychia): PAPE, 1996: 321; WHITMORE, 2011: 1.

52.1. Subgenus *Heteronychia* (s. str.)(177) *Heteronychia* (s. str.) *abramovi* (Rohdendorf, 1938).*Pierretia* (s. str.) *abramovi* Rohdendorf, 1938: 108. Type locality: Russia: Far East, Primorie, Sikhote-Alin State Reservation.*Heteronychia* (s. str.) *abramovi*: FAN, 1992: 652; VERVES & KHROKALO, 2015: 19.*Heteronychia* (*Spatulapica*) *abramovi*: FAN, 1964: 314, 318; VERVES, 1979b: 862, 867; 1986: 155.*Heteronychia abramovi*: FAN & PAPE, 1996: 249; VERVES & KHROKALO, 2006b: 146.*Spatulapica abramovi*: LEHRER, 2009b: 25.*Sarcophaga* (*Heteronychia*) *abramovi*: PAPE: 322.*Spatulapica heilongia* Lehrer, 2009b: 26. Type locality not given.

Pa: China: Heilongjiang (FAN, 1964, 1992; VERVES, 1979b).

(178) *Heteronychia* (s. str.) *curvifemoralis* Li, 1980*Heteronychia* (*Eupierretia*) *curvifemoralis* Li R., 1980: 276. Type locality: China: Sichuan, Ebian.*Heteronychia* (s. str.) *curvifemoralis*: FAN, 1992: 655; VERVES & KHROKALO, 2015: 24.*Heteronychia* (*Eupierretia*) *curvifemoralis*: VERVES, 1986: 149; WEI *et al.*, 1988: 311.*Heteronychia curvifemoralis*: FAN & PAPE, 1996: 249.*Sarcophaga* (*Heteronychia*) *curvifemoralis*: PAPE, 1996: 325. WHITMORE, 2011: 26.*Heteronychia* (*Eupierretia*) *spatulifera* Chen & Lu, 1981, in: Wang C. *et al.*, 1981: 256, 258. Type locality: China: Quinghai, Yushu.*Heteronychia* (s. str.) *spatulifera*: FAN, 1992: 655.*Heteronychia spatulifera*: FAN & PAPE, 1996: 250.*Spatulapica spatulifera*: LEHRER, 2013c: 20.*Sarcophaga* (*Heteronychia*) *spatulifera*: PAPE, 1996: 334.*Spatulapica avesania* Lehrer, 2013c: 20. Type locality not given.Pa: China: Quinghai, Shanxi (WANG C. *et al.*, 1981; FAN, 1992; FAN & PAPE, 1996), Sichuan (LI R., 1980); Or: China: Guangxi, Guizhou (WEI *et al.*, 1988; WHITMORE, 2011).(179) *Heteronychia* (s. str.) *depressifrons* (Zetterstedt, 1845)*Sarcophaga depressifrons* Zetterstedt, 1845: 1293. Type locality: Sweden: Skåne.*Heteronychia* (s. str.) *depressifrons*: VERVES & KHROKALO, 2015: 24.*Heteronychia depressifrons*: FAN & PAPE, 1996: 249; VERVES, 1990: 584, 594; VERVES & KHROKALO, 2006b: 146. ZHANG B. *et al.*, 2010: 358.*Sarcophaga* (*Heteronychia*) *depressifrons*: PAPE, 1996: 325; WHITMORE, 2011: 26.*Spatulapica depressifrons*: LEHRER, 2009a: 10.*Pierretia* (s. str.) *obscurata* Rohdendorf, 1937: 308, 346. Type locality: Ukraine: Vinnicia region, Zmerynka district, Dubova village¹.*Heteronychia* (*Spatulapica*) *obscurata*: VERVES, 1986: 157.*Spatulapica obscurata*: LEHRER, 2009a: 10.*Sarcophaga parva* Quo, 1952: 67. Type-locality: China: near Shanghai [junior homonym of *Sarcophaga parva* Walker, 1853, and *Sarcophaga parva* Robineau-Desvoidy, 1863; Diptera: Sarcophagidae].*Heteronychia quoi* Fan, 1964: 313, 318, new unnecessary new replacement name for *Sarcophaga parva* Quo, 1952.*Heteronychia* (s. str.) *quoi*: FAN, 1992: 652.*Heteronychia quoi*: CHEN L. & ZHU, 2014: 24; CHEN X. *et al.*, 2013: 51; FENG Y., 2011: 548; LI M. *et al.*, 2014: 550; MA *et al.*, 2014: 449.*Heteronychia* (*Spatulapica*) *quoi*: FAN, 1965: 241; VERVES, 1979b: 862, 867.*Spatulapica quoi*: LEHRER, 2009a: 10.*Heteronychia guoi* [incorrect subsequent spelling of *quoi* FAN, 1964]: JI *et al.*, 2011: 478.Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1964; FAN & PAPE, 1996), Jiangsu (FAN & PAPE, 1996), Liaoning (CHEN X. *et al.*, 2013), Shanghai (FAN, 1964, 1992; JI *et al.*, 2011), Shanxi (FAN & PAPE, 1996; LI M. *et al.*, 2014; MA *et al.*, 2014); Sichuan (FAN & PAPE, 1996; FENG Y., 2011); Or: China: Guandong (ZHANG B. *et al.*, 2010), Guangxi (FAN, 1964, 1992; FAN & PAPE, 1996), Guizhou (FAN, 1992; FAN & PAPE, 1996).(180) *Heteronychia* (s. str.) *heptapotamica* (Rohdendorf, 1937)*Pierretia* (*Heteronychia*) *heptapotamica* Rohdendorf, 1937: 310, 357. Type locality: Kazakhstan: environs of Alma-Ata [now: Almaty], Child Colony on Bolshaia Almaatinka river.*Heteronychia* (s. str.) *heptapotamica*: CHEN L. *et al.*, 2015: 324; FAN, 1992: 652; VERVES, 1986: 153; 1990: 584, 594; VERVES & KHROKALO, 2015: 29.*Heteronychia heptapotamica*: VERVES, 1990: 585, 594.*Sarcophaga* (*Heteronychia*) *heptapotamica*: PAPE, 1996: 329.*Heteronychia recubophalla* Lehrer, 2013b: 4. Type locality not given.Pa: China: Xinjiang (CHEN L. *et al.*, 2015; FAN, 1992).(181) *Heteronychia* (s. str.) *kozlovi* (Rohdendorf, 1937)*Pierretia* (*Eupierretia*) *kozlovi* Rohdendorf, 1937: 310, 382. Type locality: China: Neimenggu, Ala Shan mountain range, Suburgan Gol.*Heteronychia* (s. str.) *kozlovi*: FAN, 1992: 655; VERVES & KHROKALO, 2015: 31.*Heteronychia* (*Eupierretia*) *kozlovi*: HAN *et al.*, 1985: 77, 78; VERVES, 1986: 149.*Heteronychia kozlovi*: VERVES, 1990: 596.*Sarcophaga* (*Heteronychia*) *kozlovi*: PAPE, 1996: 330; WHITMORE, 2011: 37.*Heteronychia* (*Eupierretia*) *helanshanensis* Han, Zhao & Ye, 1985: 76, 78. Type locality: China: Ningxia, Helanshan.*Heteronychia* (s. str.) *helanshanensis*: FAN, 1992: 655.*Heteronychia helanshanensis*: FAN & PAPE, 1996: 249.*Sarcophaga* (*Heteronychia*) *helanshanensis*: PAPE, 1996: 339.Pa: China: Neimenggu (ROHDENDORF, 1937; VERVES, 1990), Ningxia (HAN *et al.*, 1985).¹ WHITMORE (2011: 27) erroneously designated type locality as "Dúbova [probably Slovakia]".

- (182) *Heteronychia* (s. str.) *macromembrana* Ye, 1980
Heteronychia macromembrana Ye, 1980b: 286. Type locality: China: Sichuan, Nanping.
Heteronychia (s. str.) *macromembrana*: FAN, 1992: 654; VERVES & KHROKALO, 2015: 33.
Heteronychia (*Eupierretia*) *macromembrana*: VERVES, 1986: 249.
Heteronychia macromembrana: FAN & PAPE, 1996: 249.
Sarcophaga (*Heteronychia*) *macromembrana*: PAPE, 1996: 331.
Pa: China: Sichuan (YE, 1980b).
- (183) *Heteronychia* (s. str.) *plotnikovi* (Rohdendorf, 1925)
Sarcophaga plotnikovi Rohdendorf, 1925c: 53. Type locality: Uzbekistan: Syr-Darya Province, Tashkent District, Ak-Tash [now: Samarkand Region, Narpay District, Oqtosh].
Heteronychia (s. str.) *plotnikovi*: FAN, 1992: 655; VERVES & KHROKALO, 2015: 36.
Heteronychia (*Eupierretia*) *plotnikovi*: VERVES, 1984: 557; 1986: 149.
Heteronychia plotnikovi: VERVES, 1990: 585, 596.
Pierretia (*Heteronychia*) *plotnikovi*: ROHDENDORF, 1937: 311, 377.
Sarcophaga (*Heteronychia*) *plotnikovi*: PAPE, 1996: 332; WHITMORE, 2011: 44; WHITMORE *et al.*, 2009: 37.
Heteronychia (*Eupierretia*) *brachystylata* Chao & Zhang, 1988b: 78, 80. Type-locality: China: Xinjiang, Baicheng.
Heteronychia (*Eupierretia*) *brachystylata*: ZHANG D. *et al.*, 2015: 497, 499.
Heteronychia brachystylata: FAN & PAPE, 1996: 249.
Sarcophaga (*Heteronychia*) *brachystylata*: PAPE, 1996: 324.
Heteronychia turbophalla Lehrer, 2013b: 4, 8. Type locality not given.
Pa: China: Xinjiang (CHAO & ZHANG, 1988b; FAN, 1992; VERVES, 1986; WHITMORE, 2011).
- (184) *Heteronychia* (s. str.) *proxima* (Rondani, 1860)
Sarcophaga proxima Rondani, 1860: 392. Type locality: Italy: "In Italia boreali perrara (Messino)".
Heteronychia (s. str.) *proxima*: VERVES & KHROKALO, 2015: 36.
Heteronychia (*Eupierretia*) *proxima*: ROHDENDORF, 1965: 693; VERVES, 1986: 150.
Heteronychia (*Spatulapica*) *proxima*: FAN, 1964: 315, 319.
Heteronychia proxima: FAN & PAPE, 1996: 249; VERVES, 1990: 597.
Pierretia (*Heteronychia*) *proxima*: ROHDENDORF, 1937: 312, 364.
Sarcophaga (*Heteronychia*) *proxima*: PAPE, 1996: 333; WHITMORE, 2011: 44.
Sarcophaga proxima: SÉGUY, 1941a: 67, 135.
Pa: Tibet [= Xizang] (FAN, 1964; FAN & PAPE, 1996).
- (185) *Heteronychia* (s. str.) *shnitnikovi* (Rohdendorf, 1937)
Pierretia (*Eupierretia*) *shnitnikovi* Rohdendorf, 1937: 312, 365. Type locality: Kazakhstan: environs of Almaty, near Bolshaia Almatynka river.
Heteronychia (s. str.) *shnitnikovi*: FAN, 1992: 655.
Heteronychia shnitnikovi: VERVES, 1986: 150; 1990: 597.
Sarcophaga (*Heteronychia*) *shnitnikovi*: PAPE, 1996: 333; WHITMORE, 2011: 48.
Heteronychia (*Eupierretia*) *tenupenialis* Chao & Zhang, 1988b: 77. Type locality: China: Xinjiang, Zhaosu.
Heteronychia (*Eupierretia*) *tenupenialis*: ZHANG D. *et al.*, 2015: 500.
Sarcophaga (*Heteronychia*) *tenupenialis*: PAPE, 1996: 335.
Pa: China: Xinjiang (CHAO & ZHANG, 1988b).
- (186) *Heteronychia* (s. str.) *tsinanensis* Fan, 1964
Heteronychia (*Eupierretia*) *tsinanensis* Fan, 1964: 314, 319. Type locality: China: Shandong [as "Shantung"], Tsinan.
Heteronychia (s. str.) *tsinanensis*: FAN, 1992: 654; VERVES & KHROKALO, 2015: 40.
Heteronychia (*Eupierretia*) *tsinanensis*: FAN, 1965: 240; VERVES, 1986: 150.
Heteronychia tsinanensis: MA G. *et al.*, 2014: 449.
Sarcophaga (*Heteronychia*) *tsinanensis*: PAPE, 1996: 335.
Pa: China: Shandong (FAN, 1964, 1992), Shanxi (MA G. *et al.*, 2014).
- (187) *Heteronychia* (s. str.) *vagans* (Meigen, 1826)
Sarcophaga vagans Meigen, 1826: 26. Type locality: Europe: probably Germany.
Heteronychia (s. str.) *vagans*: VERVES & KHROKALO, 2015: 41.
Heteronychia (*Eupierretia*) *vagans*: VERVES, 1986: 150.
Heteronychia vagans: VERVES, 1990: 585, 596; VERVES & KHROKALO, 2006b: 147.
Sarcophaga (*Heteronychia*) *vagans*: PAPE, 1996: 336; WHITMORE, 2011: 50.
Sarcophaga vagans: SÉGUY, 1941a: 66, 164; VERVES, 1986: 150.
Sarcophaga frenata Pandellé, 1896: 182. Type locality: France: Hautes-Pyrénées, Tarbes.
Pierretia (*Eupierretia*) *frenata*: Rohdendorf, 1937: 312, 368.
Sarcophaga bajkalensis Rohdendorf, 1925c: 56. Type locality: Russia: Krasnoiasrski Krai, shore of Baykal lake.
Heteronychia (*Eupierretia*) *bajkalensis*: FAN, 1965: 240; 1992: 655; VERVES, 1986: 149.
Heteronychia bajkalensis: WANG Y. *et al.*, 2012: 233; ZHANG G. *et al.*, 2010: 989; ZHANG G. & ZHANG Z., 2010: 293.
Pierretia (*Eupierretia*) *bajkalensis*: ROHDENDORF, 1937: 312, 369.
Sarcophaga (*Heteronychia*) *bajkalensis*: PAPE, 1996: 323.
Pa: China: Gansu (WANG Y. *et al.*, 2012), Heilongjiang (FAN, 1965, 1992), Jilin (ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010).
- Subtribe Harpagophallina Rohdendorf, 1965
Harpagophallina Rohdendorf, 1965: 679, 691, 694.
Harpagophallina: VERVES, 1989b: 89; 1993: 463.
53. Genus *Harpagophalla* Rohdendorf, 1937
Harpagophalla Rohdendorf, 1937: 57, 276. Type species: *Sarcophaga sera* Rohdendorf, 1930 (= *Sarcophaga kempfi* Senior-White, 1924).

Harpagophalla: FAN, 1965: 227, 261; 1992: 642, 693; LEHRER, 2008g: 5; 2010h: 18; LOPES & KANO, 1981: 645; ROHDENDORF, 1965: 691, 694; VERVES, 1989b: 90.

Sarcophaga (*Harpagophalla*): PAPE, 1996: 317.

(188) *Harpagophalla kempii* (Senior-White, 1924)

Sarcophaga kempii Senior-White, 1924: 247. Type locality: Sri Lanka: Matale.

Harpagophalla kempii: FAN, 1992: 693; 2002: 85; KANO *et al.*, 1999: 137; LEHRER, 2008g: 5; LOPES & KANO, 1981: 647; NANDI, 2002: 527; SHI Y. *et al.*, 2009: 425; ZHANG B. *et al.*, 2010: 358.

Sarcophaga (*Harpagophalla*) *kempii*: PAPE, 1996: 317.

Sarcophaga kempii: HSIEN, 1958: 79; SENIOR-WHITE *et al.*, 1940: 264.

Sarcophaga sera Rohdendorf, 1930b: 316. Type locality: China: Fujian, Foochow.

Harpagophalla sera: FAN, 1965: 261; KANO *et al.*, 1968: 82; LEHRER, 2008g: 6; ROHDENDORF, 1937: 276; 1964: 82; 1965: 691, 694; WANG Y. *et al.*, 2012: 233.

Sarcophaga sera: HO, 1936: 265; SENIOR-WHITE *et al.*, 1940: 220.

Harpagophalla samudera Lehrer, 2008g: 8, syn. nov. Type locality not given.

Comment: The description of *Harpagophalla samudera* is based on drawings of *Harpagophalla kempii* after LOPES & KANO, 1981 (p. 646, figs. 1) only. The differences in drawings of LOPES & KANO, and other authors (ROHDENDORF, 1937 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Harpagophalla papuasias Lehrer, 2008g: 8, syn. nov. Type locality not given.

Comment: The description of *Harpagophalla papuasias* is based on drawings of *Harpagophalla kempii* after LOPES & KANO, 1981 (p. 646, figs. 2) only. The differences in drawings of LOPES & KANO, and other authors (ROHDENDORF, 1937 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Harpagophalla nandiana Lehrer, 2008g: 8, syn. nov. Type locality not given.

Comment: The description of *Harpagophalla nandiana* is based on drawings of *Harpagophalla kempii* after NANDI, 2002 (p. 329, figs 857-861) only. The differences in drawings of NANDI, and other authors (LOPES & KANO, 1981 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Pa: China: Gansu (WANG Y. *et al.*, 2012), Sichuan (FAN, 1965, 1992; KANO *et al.*, 1999); Or: China: Fujian (HSIEN, 1958; KANO *et al.*, 1999), Guangdong (FAN, 2002; KANO *et al.*, 1999; ROHDENDORF, 1964; SHI Y. *et al.*, 2009; ZHANG B. *et al.*, 2010), Guangxi (FAN, 1992; KANO *et al.*, 1999), Hainan (HO, 1936; KANO *et al.*, 1999; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968), Jiangxi (FAN, 1992; KANO *et al.*, 1999), Yunnan (LOPES & KANO, 1981; FAN, 1965, 1992; KANO *et al.*, 1999).

54. Genus *Iranihindia* Rohdendorf, 1961

Iranihindia Rohdendorf, 1961: 2. Type species: *Sarcophaga futilis* Senior-White, 1924.

Iranihindia: FAN & PAPE, 1996: 251; FAN, 1992: 641, 688; ROHDENDORF, 1965: 691, 694; VERVES, 1986: 178; 1989b: 90.

Sarcophaga (*Iranihindia*): PAPE, 1996: 338.

(189) *Iranihindia spinosa* Li, Ye & Liu, 1985.

Iranihindia spinosa Li F., *et al.*, 1985: 294, 297. Type locality: China: Yunnan, Yingjiang.

Iranihindia spinosa: FAN, 1992: 641, 688.

Sarcophaga (*Iranihindia*) *spinosa*: PAPE, 1996: 251.

China: Or: Yunnan (FAN, 1992; LI F. *et al.*, 1985).

55. Genus *Membranophalla* Verves, 1997

Membranophalla Verves, 1997: 58. Type species: *Sarcophaga membranocorporis* Sugiyama, 1987.

(190) *Membranophalla membranocorporis* (Sugiyama, 1987)

Sarcophaga membranocorporis Sugiyama, in: Sugiyama *et al.*, 1987: 73. Type locality: Taiwan: Chia-i Hsien, Chuchi.

Membranophalla membranocorporis: VERVES, 1997: 58.

Pterosarcophaga membranocorporis: KANO *et al.*, 1999: 134; KURAHASHI *et al.*, 2017: 37.

Sarcophaga (*Pterosarcophaga*) *membranocorporis*: PAPE, 1996: 383; XIAO, 2010: 464.

Or: Taiwan (KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; SUGIYAMA *et al.* 1987; XIAO, 2010).

Subtribe Phallanthina Rohdendorf, 1965

Phallanthina Rohdendorf, 1965: 677, 684, 693.

Bellieriomima Rohdendorf, 1965 [in part: except genera *Bellieria* and *Sarcotachinella*]: 677, 680, 692.

Pierretia Verves, 1987: 664.

56. Genus *Asceloctella* Enderlein, 1928

Asceloctella Enderlein, 1928: 50. Type species: *Asceloctella formosana* Enderlein, 1928 [= *Sarcophaga calicifera* Böttcher, 1912].

Asceloctella: VERVES & KHROKALO, 2006b: 76, 149; XUE W. & VERVES, 2009: 48.

Pierretia (*Asceloctella*²): VERVES, 1986: 140.

Sarcophaga (*Asceloctella*): BUENAVENTURA & PAPE, 2017: 623; PAPE, 1996: 297.

Oxyphalla Rohdendorf, 1965: 681, 692 [as subgenus of *Pierretia* Robineau-Desvoidy, 1863]. Type-species: *Sarcophaga calicifera* Böttcher, 1912.

Australopierretia Verves, 1987: 665. Type species: *Helicobia australis* Johnston et Tiegs, 1921.

Sarcophaga (*Australopierretia*): PAPE, 1996: 298.

56.1. Subgenus *Asceloctella* s. str.

(191) *Asceloctella* (s. str.) *australis* (Johnston et Tiegs, 1921), **comb. nov.**

Helicobia australis Johnston et Tiegs, 1921: 50. Type locality: Australia: Queensland, Brisbane.

Australopierretia australis: VERVES, 1987: 665.

Sarcophaga (*Australopierretia*) *australis*: PAPE, 1996: 298.

Sarcophaga (*Asceloctella*) *australis*: BUENAVENTURA & PAPE, 2017: 623.

Sarcophaga australis: LIU D. *et al.*, 2015: 282.

2 Erroneous subsequent spelling of *Asceloctella*.

Or: China: Guangdong (LIU D. *et al.*, 2015).

Comment: A single female specimen was collected in Zhongshan on an entry ship from Australia with grapes (LIU D. *et al.*, 2015). This hemisynanthropic Australian species is not known from the Chinese fauna, but potentially it is able to become established in the tropical parts of China in the future.

(192) *Asceloetella* (s. str.) *calicifera* (Böttcher, 1912).

Sarcophaga calicifera Böttcher, 1912a: 169. Type locality: Taiwan: Tainan.

Asceloetella (s. str.) *calicifera*: BARTÁK *et al.*, 2019: 46, 49; XUE W. & VERVES, 2009: 49.

Asceloetella calicifera: KURAHASHI *et al.*, 2017: 37.

Pierretia (*Asceloetella*) *calicifera*: FAN, 1992: 680; VERVES, 1986: 141.

Pierretia (*Oxyphalla*) *calicifera*: ROHDENDORF, 1965: 681, 692.

Pierretia calicifera: FAN, 1965: 233.

Sarcophaga (*Asceloetella*) *calicifera*: PAPE, 1996: 297.

Sarcophaga calicifera: LIN & CHEN, 1999: 117; SENIOR-WHITE, 1924: 226; SENIOR-WHITE *et al.*, 1940: 216; SUGIYAMA *et al.* 1987: 67; XIAO, 2010: 464; ZHANG B. *et al.*, 2010: 357.

Asceloetella formosana Enderlein, 1928: 50. Type locality: Taiwan: Gao-xiong [as "Takao"].

Asceloetella formosana: SHIMADA *et al.*, 1961: 33.

Or: China: Hainan (ZHANG B. *et al.*, 2010), Yunnan (FAN, 1965, 1992); Taiwan (BARTÁK *et al.*, 2019; BÖTTCHER, 1912a; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; SUGIYAMA *et al.* 1987; XIAO, 2010).

56.2. Subgenus *Asiopierretia* Rohdendorf, 1965

Asiopierretia Rohdendorf, 1965: 683, 692 [as subgenus of *Thyrocneema* Enderlein, 1928]. Type species: *Thyrocneema ugamskii* Rohdendorf, 1937.

Asceloetella (*Asiopierretia*): VERVES & KHROKALO, 2006b: 149; XUE W. & VERVES, 2009: 49.

Asiopierretia: LEHRER, 2009c: 1; 2011: 14.

Pierretia (*Asiopierretia*): FAN, 1992: 687; VERVES, 1986: 141.

Sarcophaga (*Asiopierretia*): PAPE, 1996: 297.

(193) *Asceloetella* (*Asiopierretia*) *ugamskii* (Rohdendorf, 1937).

Thyrocneema (*Pseudothyrocneema*) *ugamskii* Rohdendorf, 1937: 312, 171. Type locality: Russia: Primorie, Voroshilov [= Ussuriisk].

Thyrocneema (*Pseudothyrocneema*) *ugamskii*: SHINONAGA & LOPES, 1975: 455.

Asceloetella (*Asiopierretia*) *ugamskii*: XUE W. & VERVES, 2009: 49.

Asiopierretia ugamskii: JI *et al.*, 2011: 478; LEHRER, 2009c: 1; 2011: 14; VERVES & KHROKALO, 2006b: 141.

Pierretia (*Asiopierretia*) *ugamskii*: FAN, 1992: 680; LI M. *et al.* 2014: 550; VERVES, 1986: 141; ZHANG G. & ZHANG Z., 2010: 293.

Pierretia (*Pseudothyrocneema*) *ugamskii*: FAN, 1965: 232.

Pierretia ugamskii: CHEN X. *et al.*, 2013: 51; FENG S. *et al.*, 2012: 143; ZHANG G. *et al.*, 2010: 989.

Sarcophaga (*Asiopierretia*) *ugamskii*: PAPE, 1996: 298.

Sarcophaga shanghaiensis Quo, 1952: 65. Type locality: China: Shanghai.

Asiopierretia amuriella Lehrer, 2009c: 3, syn. nov. Type locality not given.

Comment: The description of *Asiopierretia amuriella* is based on drawings of *Pierretia* (*Asiopierretia*) *ugamskii* after VERVES & KHROKALO, 2006b (p. 150, figs 93.3-93.4). The differences in drawings of these and other authors (ROHDENDORF, 1937 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Asiopierretia henania Lehrer, 2011: 16, syn. nov. Type locality not given.

Comment: The description of *Asiopierretia henania* is based on drawings of *Pierretia* (*Asiopierretia*) *ugamskii* after FAN, 1992 (p. 681, fig. 1339). The differences in drawings of this and other authors (ROHDENDORF, 1937 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Hebei, Heilongjiang, Henan, Hubei, Jiangsu (FAN, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG, 2010) Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Shandong (FAN, 1992), Shanghai (FAN, 1992; JI *et al.*, 2011), Shanxi (FAN, 1992; LI M. *et al.* 2014), Sichuan (FAN, 1992).

57. Genus *Athyrsomima* Rohdendorf, 1937

Athyrsomima Rohdendorf, 1937: 185. Type species: *Athyrsomima stackelbergi* Rohdendorf, 1937.

Athyrsomima: ROHDENDORF, 1965: 681, 692 [as subgenus of *Bellieriomima* Rohdendorf, 1937].

Bellieriomima (*Athyrsomima*): VERVES, 1986: 135.

Athyrsomima: VERVES & KHROKALO, 2006b: 149; XUE W. & VERVES, 2009: 49.

57.1. Subgenus *Athyrsomima* s. str.

(194) *Athyrsomima* (s. str.) *stackelbergi* Rohdendorf, 1937.

Athyrsomima (s. str.) *stackelbergi* Rohdendorf, 1937: 187. Type locality: Russia: Primorie, environs of Vladivostok, Maikhe near Shkotov.

Athyrsomima (s. str.) *stackelbergi*: VERVES & KHROKALO, 2006b: 149; XUE W. & VERVES, 2009: 49.

Bellieriomima (*Athyrsomima*) *stackelbergi*: VERVES, 1986: 135.

Pierretia (*Bellieriomima*) *stackelbergi*: FAN, 1992: 683.

Sarcophaga (*Bellieriomima*) *stackelbergi*: PAPE, 1996: 301.

Pa: China: Heilongjiang, Jilin, Liaoning (FAN, 1992).

57.2. Subgenus *Sinopierretia* Verves, 1997

Sinopierretia Verves, 1997: 53 [as subgenus of *Asceloetella* Enderlein, 1928]. Type species: *Pierretia bihami* Qian & Fan, 1981.

Athyrsomima (*Sinopierretia*): XUE W. & VERVES, 2009: 49.

(195) *Athyrsomima* (*Sinopierretia*) *bihami* (Qian & Fan, 1981)

Pierretia bihami Qian & Fan, 1981: 446. Type locality: China: Xinjiang, Xinyuan.

Athyrsomima (*Sinopierretia*) *bihami*: VERVES, 1997: 53; XUE W. & VERVES, 2009: 49.

Pierretia bihami: FAN, 1992: 675.

Asceloetella bihami: FAN & PAPE, 1996: 247.

Sarcophaga (Ascleotella) bihami: PAPE, 1996: 297.

Pa: China: Xinjiang (QIAN & FAN, 1981; XUE W. & VERVES, 2009).

57.3. Subgenus *Thomasomyia* Verves, 1982

Thomasomyia Verves, 1982d: 188 [as subgenus of *Bellieriomima* Rohdendorf, 1937]. Type species: *Sarcophaga gracilforceps* Thomas, 1949.

Athyrsomima (*Thomasomyia*): VERVES, 1997: 54; XUE W. & VERVES, 2009: 49.

(196) *Athyrsomima* (*Thomasomyia*) *gracilforceps* (Thomas, 1949).

Sarcophaga gracilforceps Thomas, 1949: 163. Type locality: China: Sichuan, Chungking, Koloshan.

Athyrsomima (*Thomasomyia*) *gracilforceps*: VERVES, 1997: 54; XUE W. & VERVES, 2009: 49.

Pierretia (*Thomasomyia*) *gracilforceps*: FAN, 1992: 684.

Pierretia gracilforceps: FAN, 1965: 239.

Bellieriomima (*Thomasomyia*) *gracilforceps*: VERVES, 1986: 136.

Sarcophaga (*Bellieriomima*) *gracilforceps*: PAPE, 1996: 300.

Pa: China: Beijing, Henan, Hubei, Jiangsu, Sichuan (FAN, 1992); Or: China: Guizhou, Hunan, Zhejiang (FAN, 1992).

598. Genus *Bellieriomima* Rohdendorf, 1937

Bellieriomima Rohdendorf, 1937: 164 [as subgenus of *Thyrocneema* Enderlein, 1928]. Type species: *Sarcophaga laciniata* Pandellé, 1896 (= *Sarcophaga subulata* Pandellé, 1896).

Bellieriomima: ROHDENDORF, 1965: 681, 692; VERVES, 1986: 135; VERVES & KHROKALO, 2006b: 76, 150; XUE W. & VERVES, 2009: 49.

Pierretia (*Bellieriomima*): FAN, 1992: 673.

Sarcophaga (*Bellieriomima*): PAPE, 1996: 299.

(1967) *Bellieriomima diminuta* (Thomas, 1949)

Sarcophaga diminuta Thomas, 1949: 170. Type locality: China: Sichuan, Chunking, Peiwénch'üan.

Bellieriomima diminuta: VERVES, 1986: 135.

Pierretia (*Bellieriomima*) *diminuta*: FAN, 1992: 684; MA G. *et al.*, 2014: 449.

Pierretia diminuta: FAN, 1965: 235. FENG S. *et al.*, 2012: 143.

Sarcophaga (*Bellieriomima*) *diminuta*: PAPE, 1996: 300.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Beijing, Hebei, Heilongjiang, Shaanxi (FAN, 1992), Shanxi (MA G. *et al.*, 2014), Sichuan (THOMAS, 1949).

(1987) *Bellieriomima josephi* (Böttcher, 1912)

Sarcophaga josephi Böttcher, 1912a: 168. Type locality: Taiwan [as "Formosa"]: Tainan.

Bellieriomima josephi: BARTÁK *et al.*, 2019: 46; FENG S. *et al.*, 2012: 143; FENG Y., 2015: 194; JI *et al.*, 2011: 478; VERVES & KHROKALO, 2006b: 153. WU W. *et al.*, 2014: 1564; XIAO, 2010: 464; XUE W. & VERVES, 2009: 49. ZHANG B. *et al.*, 2010: 358.

Bellieriomima (s. str.) *josephi*: VERVES, 1986: 135.

Myorhina (*Bellieriomima*) *josephi*: ZHANG, S. & JIA, 2002: 83.

Myorhina josephi: KURAHASHI *et al.*, 2017: 37.

Pierretia (*Bellieriomima*) *josephi*: CHEN L. & ZHU, 2014: 25; FAN, 1992: 682; ZHANG Q. *et al.* 2014: 342.

Pierretia josephi: CHEN X. *et al.*, 2013: 51; FAN, 1965: 239; ZHANG G. *et al.*, 2010: 989.

Sarcophaga (*Bellieriomima*) *josephi*: PAPE, 1996: 300.

Sarcophaga josephi: HO, 1934b: 34; 1936: 265; LIN & CHEN, 1999: 117; SHIMADA *et al.*, 1961: 33; SUGIYAMA *et al.*, 1987: 72; XIAO, 2010: 464.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1965, 1992), Chongqing (FENG S. *et al.*, 2012), Hebei, Henan (FAN, 1965, 1992), Jiangsu (FAN, 1992; HO, 1934b), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010), Liaoning (CHEN X. *et al.*, 2013; PAPE, 1996), Shanghai (FAN, 1992; JI *et al.*, 2011), Sichuan (FAN, 1992; FENG Y., 2015); Or: China: Fujian (FAN, 1992), Guangdong (FAN, 1992, 2002; ZHANG B. *et al.*, 2010), Guizhou (FAN, 1992), Hainan (HO, 1936; ZHANG B. *et al.*, 2010), Hunan, Yunnan (FAN, 1992), Zhejiang (FAN, 1992; WU W. *et al.*, 2014; ZHANG Q. *et al.*, 2014); Taiwan (BARTÁK *et al.*, 2019; BÖTTCHER, 1912a; KURAHASHI *et al.*, 2017: 37; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(1989) *Bellieriomima pterygota* (Thomas, 1949)

Sarcophaga pterygota Thomas, 1949: 165. Type locality: China: Sichuan, Chungking, Koloshan.

Bellieriomima pterygota: JI *et al.*, 2011: 478; VERVES & KHROKALO, 2006b: 152; XUE W. & VERVES, 2009: 49.

Bellieriomima (s. str.) *ptyergota*: VERVES, 1986: 135.

Pierretia (*Bellieriomima*) *subulata pterygota*: FAN, 1965: 232.

Pierretia (*Bellieriomima*) *ptyergota*: CHEN L. & ZHU, 2014: 25; FAN, 1992: 681; ZHANG Q. *et al.* 2014: 342.

Pierretia pterygota: FENG S. *et al.*, 2012: 143; FENG Y., 2011: 548.

Sarcophaga (*Bellieriomima*) *ptyergota*: PAPE, 1996: 301.

Sarcophaga affinis Quo, 1952: 68. Type locality: China: environs of Shanghai.

Pa: China: Beijing (CHEN L. & ZHU, 2014), Chongqing (FENG S. *et al.*, 2012), Jiangsu (FAN, 1965, 1992), Shanghai (JI *et al.*, 2011; Quo, 1952), Sichuan (FENG Y., 2011; THOMAS, 1949); Or: China: Guangxi, Guizhou (FAN, 1965, 1992), Zhejiang (FAN, 1992; ZHANG, Q. *et al.*, 2014).

(200) *Bellieriomima tenuicornis* (Rohdendorf, 1937)

Thyrocneema (*Bellieriomima*) *tenuicornis* Rohdendorf, 1937: 167. Type locality: China: Neimenggu, Ala Shan, Khotyn Gol.

Bellieriomima tenuicornis: XUE W. & VERVES, 2009: 49.

Bellieriomima (s. str.) *tenuicornis*: VERVES, 1986: 135.

Pierretia (*Bellieriomima*) *tenuicornis*: FAN, 1992: 680.

Sarcophaga (*Bellieriomima*) *tenuicornis*: PAPE, 1996: 301.

Pa: China: Gansu (FAN, 1992), Neimenggu (ROHDENDORF, 1937), Shandong (FAN, 1992).

(2001) *Bellieriomima uniseta* (Baranov, 1938)

Sarcophaga uniseta Baranov, 1938d: 112. Type locality: Japan: Honshu, Kanazawa.

Bellieriomima uniseta: VERVES & KHROKALO, 2006b: 152; XUE W. & VERVES, 2009: 49.

Bellieriomima (s. str.) *uniseta*: VERVES, 1986: 136.

Sarcophaga (*Bellieriomima*) *uniseta*: PAPE, 1996: 301.

Pa: China: Liaoning (FAN, 1992).

(2012) *Bellieriomima yaanensis* Feng, 1986

Bellieriomima yaanensis Feng Y., 1986: 247. Type locality: China: Sichuan, Ya'an.

Bellieriomima yaanensis: XUE W. & VERVES, 2009: 50.

Sarcophaga (Bellieriomima) yaanensis: PAPE, 1996: 301.

Pa: China: Sichuan (FENG Y., 1986).

(2023) *Bellieriomima zhouquensis* Ye & Liu, 1981

Bellieriomima zhouquensis Ye & Liu, 1981, in: Ye, Ni & Liu, 1981: 321. Type locality: China: Gansu, Zhougu, Da-Cao-po.

Bellieriomima zhouquensis: XUE W. & VERVES, 2009: 50.

Sarcophaga (Bellieriomima) zhouquensis: PAPE, 1996: 302.

Pa: China: Gansu (YE *et al.*, 1981).

6059. Genus *Dinemomyia* Chen, 1975

Dinemomyia Chen, 1975: 114, 118. Type species: *Dinemomyia nigribasicosta* Chen, 1975.

Dinemomyia: FAN, 1992: 638, 650; VERVES, 1986: 136; XUE W. & VERVES, 2009: 50.

Sarcophaga (Dinemomyia): PAPE, 1996: 314.

(2034) *Dinemomyia nigribasicosta* Chen, 1975

Dinemomyia nigribasicosta Chen Z., 1975: 114, 117. Type locality: China: Zhejiang [as "Chekiang"], Tienmu-Shan.

Dinemomyia nigribasicosta: BARTÁK *et al.*, 2019: 46, 50; FAN, 1992: 651; KURAHASHI *et al.*, 2017: 37; VERVES, 1986: 136; XUE W. & VERVES, 2009: 50; ZHANG B. *et al.*, 2010: 358.

Sarcophaga (Dinemomyia) nigribasicosta: PAPE, 1996: 314.

Sarcophaga nigribasicosta: LIN & CHEN, 1999: 117; SUGIYAMA *et al.*, 1987: 75; XIAO, 2010: 464.

Pierretia melania Shinonaga & Tumrasvin, 1979: 139. Type locality: Thailand: Chiand Mai, Doi Inthanon.

Sarcophaga melania PAPE, 1996: 318, as "*Sarcophaga* not assigned to subgenus".

Or: China: Guangdong (FAN, 1992; ZHANG B. *et al.*, 2010), Hainan (ZHANG B. *et al.*, 2010), Zhejiang (CHEN Z., 1975); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

60. Genus *Fanimyia* Verves, 1997

Fanimyia Verves, 1997: 56. Type species: *Pierretia globovesica* Ye, 1980.

Fanimyia: XUE W. & VERVES, 2009: 50.

(205) *Fanimyia globovesica* (Ye, 1980)

Pierretia (Bellieriomima) globovesica Ye, 1980a: 411. Type locality: China: Sichuan, Miyi.

Fanimyia globovesica: BARTÁK *et al.*, 2019: 46; Verves, 1997: 56; XUE W. & VERVES, 2009: 50.

Pierretia (Bellieriomima) globovesica: FAN, 1992: 684.

Bellieriomima (s. str.) *globovesica*: VERVES, 1986: 135.

Sarcophaga (Bellieriomima) globovesica: PAPE, 1996: 300.

Pa: China: Sichuan (YE, 1980a).

61. Genus *Hoa* Rohdendorf, 1937

Hoa Rohdendorf, 1937: 58, 291. Type species: *Sarcophaga flexuosa* Ho, 1934.

Hoa: FAN, 1965: 225, 255; 1992: 641, 681; ROHDENDORF, 1965: 686, 694; XUE W. & VERVES, 2009: 50.

Sarcophaga (Hoa): PAPE, 1996: 337.

(206) *Hoa basiseta* (Baranov, 1931)

Hoa basiseta: BARTÁK *et al.*, 2019: 46.

Sarcophaga basiseta Baranov, 1931: 111. Type locality: Taiwan: Toa Tsui Kutsu.

Sarcophaga basiseta: LIN & CHEN, 1999: 116; SHIMADA *et al.*, 1961: 33; SUGIYAMA *et al.*, 1987: 65; XIAO, 2010: 464.

Sarcophaga (Lioproctia) basiseta: PAPE, 1996: 344.

Sarcophaga (Hoa) basiseta: ZHANG D. *et al.*, 2013: 71.

Parathyrocema basiseta: XUE W. & VERVES, 2009: 54.

Pierretia basiseta: FAN, 1964: 307, 317.

Sarcosolomonina basiseta: FAN, 1992: 669.

Lioproctia basiseta: FAN & PAPE, 1996: 251; KURAHASHI *et al.*, 2017: 37.

Or: Taiwan (BARANOV, 1931; BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(206) *Hoa flexuosa* (Ho, 1934)

Sarcophaga flexuosa Ho, 1934a: 25. Type locality: China: Beijing.

Hoa flexuosa: CHEN L. & ZHU, 2014: 24; FAN, 1965: 255; 1992: 670; FAN & PAPE, 1996: 250; JI *et al.*, 2011: 478; KOE, 1975: 72; ROHDENDORF, 1937: 292; XUE W. & VERVES, 2009: 50. ZHANG G. *et al.*, 2010: 989; ZHANG G. & ZHANG, 2010: 293.

Sarcophaga (Hoa) flexuosa: PAPE, 1996: 337; ZHANG D. *et al.*, 2013: 71.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1992; HO, 1934), Hebei, Henan, Jiangsu (FAN, 1992), Jilin (ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning, Shaanxi, Shandong (FAN, 1992), Shanghai (FAN, 1992; JI *et al.*, 2011); Or: China: Guizhou (PAPE, 1996), Hunan (KOE, 1975).

62. Genus *Kalshovenella* Baranov, 1941

Kalshovenella Baranov, 1941: 403. Type species: *Kalshovenella flavibasis* Baranov, 1941.

Kalshovenella: XUE W. & VERVES, 2009: 51.

Sarcophaga (Kalshovenella): PAPE, 1996: 340.

(2078) *Kalshovenella flavibasis* Baranov, 1941

Kalshovenella flavibasis Baranov, 1941: 403. Type locality: Indonesia: Java, Gedangan.

Kalshovenella flavibasis: BARTÁK *et al.*, 2019: 46; KANO *et al.*, 1999: 134; XUE W. & VERVES, 2009: 51.

Sarcophaga (Kalshovenella) flavibasis: PAPE, 1996: 340.

Pierretia (Mehria) otiophalla FAN & CHEN, 1981: 241. Type-locality: China: Hainan, Mt. Jianfeng.

Pierretia (Arachnidomyia) otiophalla: FAN, 1992: 680.

Pierretia otiophalla: ZHANG B. *et al.*, 2010: 359.

Or: China: Hainan (FAN, 1992; FAN & CHEN, 1981; KANO *et al.*, 1999; ZHANG B. *et al.*, 2010).

643. Genus *Myorhina* Robineau-Desvoidy, 1830

Myorhina Robineau-Desvoidy, 1830: 383. Type species: *Myorhina campestris* Robineau-Desvoidy, 1830 (= *Sarcophaga nigriventris* Meigen, 1826).

Myorhina: KURAHASHI *et al.*, 2017: 33; VERVES, 1997: 45; VERVES & KHROKALO, 2006b: 76, 153; XUE W. & VERVES, 2009: 52.

Pierretia Robineau-Desvoidy, 1863: 442. Type-species: *Pierretia praecox* Robineau-Desvoidy, 1863 (= *Sarcophaga nigriventris* Meigen, 1826).

Pierretia: FAN, 1965: 224, 231; 1992: 641, 670; ROHDENDORF, 1965: 681, 692; VERVES, 1986: 140.

Villeneuveella Enderlein, 1928: 34. Type-species: *Sarcophaga soror Rondani*, 1860.

Athyrsia Enderlein, 1928: 34. Type-species: *Sarcophaga nigriventris* Meigen, 1826.

Thyrsocnema (in part): ROHDENDORF, 1937: 53, 153; 1965: 681, 692.

Sarcophaga (*Myorhina*): PAPE, 1996: 364.

634.1. Subgenus *Mehria* Enderlerin, 1928

Mehria Enderlerin, 1928: 219. Type-species: *Sarcophaga nemoralis* Kramer, 1908.

Myorhina (*Mehria*): XUE W. & VERVES, 2009: 52.

Thyrsocnema (*Mehria*): ROHDENDORF, 1937: 155, 158.

Pierretia (*Mehria*): ROHDENDORF, 1965: 683, 692; VERVES, 1986: 140.

Sarcophaga (*Mehria*): PAPE, 1996: 361.

(209) *Myorhina* (*Mehria*) *nemoralis* (Kramer, 1908).

Sarcophaga nemoralis Kramer, 1908a: 152. Type locality: Germany: Oberlausitz, Niederoderwitz.

Myorhina (*Mehria*) *nemoralis*: VERVES, 1997:45; VERVES & KHROKALO, 2006b: 154; XUE W. & VERVES, 2009: 52.

Mehria nemoralis: FAN & PAPE, 1996: 253.

Pierretia (*Mehria*) *nemoralis*: ROHDENDORF, 1965: 692; VERVES, 1986: 169; 1990: 585, 600.

Pierretia (*Arachindomyia*) *nemoralis*: FAN, 1992: 678.

Thyrsocnema (*Mehria*) *nemoralis*: ROHDENDORF, 1937: 155, 163.

Sarcophaga (*Mehria*) *nemoralis*: PAPE, 1996: 362.

Pa: China: Neimenggu (FAN, 1992).

63.2. Subgenus *Myorhina* s. str.

(210) *Myorhina* (s. str.) *recurvata* (Chen & Yao, 1985)

Pierretia recurvata Chen Z. & Yao, 1985: 295, 297. Type locality: China: Xinjiang, Ürümqi, Bai Yang Gou.

Myorhina (s. str.) *recurvata*: XUE W. & VERVES, 2009: 52.

Pierretia (s. str.) *recurvata*: FAN, 1992: 674.

Mehria recurvata: FAN & PAPE, 1996: 253.

Sarcophaga (*Myorhina*) *recurvata*: PAPE, 1996: 365.

Pa: China: Xinjiang (CHEN Z. & YAO, 1985).

(211) *Myorhina* (s. str.) *sororcula* (Rohdendorf, 1937)

Thyrsocnema (*Athyrsia*) *sororcula* Rohdendorf, 1937: 158, 183. Type locality: Uzbekistan: Tashkent.

Myorhina (s. str.) *sororcula*: Verves, 1997: 45; XUE W. & VERVES, 2009: 52.

Pierretia (s. str.) *sororcula*: CHEN L. *et al.*, 2015: 324; VERVES, 1986: 143; 1990: 585, 600.

Pierretia sororcula: FAN, 1992: 674.

Sarcophaga (*Myorhina*) *sororcula*: PAPE, 1996: 366.

Pa: China: Xinjiang (CHEN L. *et al.*, 2015; FAN, 1992).

(212) *Myorhina* (s. str.) *villeneuvei* (Böttcher, 1912)

Sarcophaga villeneuvei Böttcher, 1912c: 347. Type localities: France, Var, Hyères; Germany: "Berlin, Schlesien, Westpreußen, Franzensbad", and Oberlausitz.

Sarcophaga villeneuvei: SÉGUY, 1941a: 167.

Sarcophaga (*Myorhina*) *villeneuvei*: PAPE, 1996: 366.

Myorhina (s. str.) *villeneuvei*: VERVES & KHROKALO, 2006b: 155; XUE W. & VERVES, 2009: 52.

Thyrsocnema (*Athyrsia*) *villeneuvei*: ROHDENDORF, 1937: 178.

Pierretia (s. str.) *villeneuvei*: FAN, 1992: 674; VERVES, 1986: 143; ZHANG G. & ZHANG Z., 2010: 293.

Pierretia villeneuvei: FAN & PAPE, 1996: 255; ZHANG G. *et al.*, 2010: 989.

Myorhina altainula Lehrer, 2009d: 63, syn. nov. Type locality not given.

Comment: The description of *Myorhina altainula* is based on drawings of male genitalia of *Thyrsocnema villeneuvei* after ROHDENDORF, 1937 (p. 180, figs 251-252) only. The differences in drawings of Rohdendorf and other authors (FAN, 1992 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Pa: China: Heilongjiang (FAN, 1992), Jilin (ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Xinjiang (FAN, 1992).

63.3. Subgenus *Pachystyleta* Fan & Chen, 1992

Pachystyleta Fan & Chen, 1992, in: Fan, 1992: 672 [as subgenus of *Pierretia* Robineau-Desvoidy, 1863]. Type species: *Sarcophaga geneforceps* Thomas, 1949.

Myorhina (*Pachystyleta*): VERVES, 1997: 45; XUE W. & VERVES, 2009: 52.

Pachystyleta: LEHRER, 2010f: 14.

(213) *Myorhina* (*Pachystyleta*) *baoxingensis* (Feng & Ye, 1987)

Pierretia baoxingensis Feng & Ye, 1987: 189, 190. Type locality: China: Sichuan, Baoxing, 30°35'N, 102°15'E.

Myorhina (*Pachystyleta*) *baoxingensis*: Verves, 1997: 45; XUE W. & VERVES, 2009: 53.

Pierretia (*Bellieriomima*) *baoxingensis*: FAN, 1992: 682.

Bellieriomima baoxingensis: FAN & PAPE, 1996: 248.

Sarcophaga (*Bellieriomima*) *baoxingensis*: PAPE, 1996: 300.

Pa: China: Henan (FAN & PAPE, 1996; PAPE, 1996), Sichuan (FENG & YE, 1987); Or: China: Yunnan, Zhejiang (FAN & PAPE, 1996; PAPE, 1996).

(214) *Myorhina (Pachystyleta) genuforceps* (Thomas, 1949)

Sarcophaga genuforceps Thomas, 1949: 172. Type locality: China: Sichuan, Chungking, Chinyünchan.

Myorhina (Pachystyleta) genuforceps: Verves, 1997:45; XUE W. & VERVES, 2009: 53.

Pachystyleta genuforceps: LEHRER, 2010f: 17.

Myorhina genuforceps: FENG Y., 2015: 195.

Pierretia (Pachystyleta) genuforceps: FAN, 1992: 684.

Pierretia genuforceps: FAN, 1965: 239; FENG S. *et al.*, 2012: 143.

Bellieriomima genuforceps: ZHANG B. *et al.*, 2010: 358.

Bellieriomima (s. str.) *genuforceps*: VERVES, 1986: 135.

Sarcophaga (Bellieriomima) genuforceps: PAPE, 1996: 300.

Pierretia catharosa Wei & Yang, 2007, in: Li Z., Yang & Jin, 2007: 530, 539. Type locality: China: Guizhou, Leigongshan National Nature [as "Nate"] Reserve.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Henan (FAN, 1992), Sichuan (FENG Y., 2015; THOMAS, 1949); Or: China: Guangdong (ZHANG B. *et al.*, 2010), Guizhou (LI Z. *et al.*, 2007), Yunnan, Zhejiang (FAN, 1992).

(215) *Myorhina (Pachystyleta) lini* (Sugiyama, 1987)

Sarcophaga lini Sugiyama, 1987, in: Sugiyama, Shinonaga & Kano, 1987: 72. Type locality: Taiwan: Fenchihiu, Chia-i Hsien.

Myorhina (Pachystyleta) lini: BARTÁK *et al.*, 2019: 46; XUE W. & VERVES, 2009: 53.

Myorhina lini: KURAHASHI *et al.*, 2017: 37.

Pierretia lini: KANO & SHININAGA, 2000: 46.

Sarcophaga (Sarcorohdendorfia) lini: PAPE, 1996: 399.

Sarcophaga lini: LIN & CHEN, 1999: 117; XIAO, 2010: 464.

Or: Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(2156) *Myorhina (Pachystyleta) shenzhenensis* (Fan, 2002)

Beziella shenzhenensis Fan, 2002: 92. Type locality: China: Guangdong, Shenzhen Futian mangrove forest.

Myorhina (Pachystyleta) shenzhenensis: XUE W. & VERVES, 2009: 53.

Beziella shenzhenensis: ZHANG B. *et al.*, 2007: 143; 2010: 357.

Or: China: Guangdong (FAN, 2002; ZHANG B. *et al.*, 2007, 2010).

(217) *Myorhina (Pachystyleta) situliformis* (Zhong, Wu & Fan, 1981)

Pierretia situliformis Zhong, *et al.*, 1981: 248, 251. Type locality: Tibet [= Xizang]: Medog.

Myorhina (Pachystyleta) situliformis: VERVES, 1997: 45; XUE W. & VERVES, 2009: 53.

Pierretia (Bellieriomima) situliformis: FAN, 1992: 682.

Bellieriomima situliformis: FAN & PAPE, 1996: 248.

Sarcophaga (Bellieriomima) situliformis: PAPE, 1996: 301.

Pa: Tibet [= Xizang] (ZHONG *et al.*, 1981).

64. Genus *Pandelleana* Rohdendorf, 1937

Pandelleana Rohdendorf, 1937: 189. Type species: *Sarcophaga protuberans* Pandellé, 1896.

Pandelleana: FAN, 1965: 223, 228; 1992: 637, 646; LEHRER, 2004: 55; ROHDENDORF, 1965: 685, 694; VERVES, 1986: 163; XUE W. & VERVES, 2009: 53.

Sarcophaga (Pandelleana): PAPE, 1996: 371.

(218) *Pandelleana protuberans* (Pandellé, 1896)

Sarcophaga protuberans Pandellé, 1896: 187. Type locality: France: Hautes-Pyrénées, Tarbes.

Pandelleana protuberans: LEHRER, 2004: 56; ROHDENDORF, 1937: 189; VERVES, 1986: 163; 1990: 584, 599; XUE W. & VERVES, 2009: 53.

Pandelleana protuberans protuberans: FAN, 1965: 229; 1992: 647.

Sarcophaga (Pandelleana) protuberans: PAPE, 1996: 371.

Sarcophaga protuberans: SÉGUY, 1941a: 134.

China: Pa: Hebei, Shandong, Shanxi, Xinjiang (FAN, 1965, 1992).

(219) *Pandelleana shantungensis* Yeh, 1964

Pandelleana protuberans shantungensis Yeh, 1964: 302. Type locality: China: Shandong, Ao Shan Wei.

Pandelleana shantungensis: XUE W. & VERVES, 2009: 53.

Pandelleana protuberans shantungensis: FAN, 1965: 229; 1992: 647.

China: Pa: Shandong (YEH, 1964).

(220) *Pandelleana struthioides* Xue, Feng & Liu, 1986

Pandelleana struthioides Xue W., Feng & Liu, 1986: 203, 206. Type locality: China: Sichuan, Mingshan.

Pandelleana struthioides: FAN & PAPE, 1996: 253; KANO & KURAHASHI, 2000: 47; LEHRER, 2010c: 16; XUE W. & VERVES, 2009: 53; ZHANG B. *et al.*, 2010: 359.

Sarcophaga (Pandelleana) struthioides: PAPE, 1996: 371.

China: Pa: Sichuan (KANO & KURAHASHI, 2000; XUE W. *et al.*, 1986); Or: Guangdong (ZHANG B. *et al.*, 2010).

65. Genus *Parathyrsocnema* FAN, 1965

Parathyrsocnema [as subgenus of *Pierretia* Robineau-Desvoidy, 1863]: Fan, 1965: 238. Type species: *Sarcophaga prosbaliina* Baranov, 1931.

Parathyrsocnema: KURAHASHI *et al.*, 2017: 33; XUE W. & VERVES, 2009: 54.

Prosballia [misidentification: not *Prosballia* Enderlein, 1928]: FAN, 1992: 673 [as subgenus of *Pierretia* Robineau-Desvoidy, 1863].

(221) *Parathyrsocnema prosbaliina* (Baranov, 1931)

Sarcophaga prosbaliina Baranov, 1931: 112. Type locality: Taiwan: Toa Tsui Kutsu.

Parathyrsocnema prosbaliina: BARTÁK *et al.*, 2019: 46; KURAHASHI *et al.*, 2017: 37; XUE W. & VERVES, 2009: 54.

Pierretia (Parathyrsocnema) prosbaliina [incorrect subsequent spelling of *prosbaliina* BARANOV, 1931]: FAN, 1965: 238.

Pierretia (Prosballia) prosbaliina [incorrect subsequent spelling of *prosbaliina* BARANOV, 1931]: FAN, 1992: 641, 686.

Sarcophaga (Lioproctia) prosbaliina: PAPE, 1996: 345.

Sarcophaga prosbaliina: LIN & CHEN, 1999: 117; SHIMADA *et al.*, 1961: 34; SUGIYAMA *et al.*, 1987: 76; XIAO, 2010: 464.

Or: Taiwan (BARANOV, 1931; BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

66. Genus *Perisimyia* Xue & Verves, 2009

Perisimyia Xue W. & Verves, 2009: 45. Type species: *Perisimyia perisi* Xue & Verves, 2009.

(222) *Perisimyia perisi* Xue & Verves, 2009.

Perisimyia perisi Xue W. & Verves, 2009: 45. Type locality: China: Yunnan, Wang Shuai.

Or: China: Yunnan (XUE W. & VERVES, 2009).

67. Genus *Phallantha* Rohdendorf, 1938

Phallantha Rohdendorf, 1938: 101. Type species: *Phallantha sichotealini* Rohdendorf, 1938.

Phallantha: VERVES, 1986: 139; VERVES & KHROKALO, 2006b: 77, 155; XUE W. & VERVES, 2009: 54.

Pierretia (*Phallantha*): FAN, 1965: 235; 1992: 674.

Sarcophaga (*Phallantha*): PAPE, 1996: 377.

(223) *Phallantha sichotealini* Rohdendorf, 1938

Phallantha sichotealini Rohdendorf, 1938: 102. Type locality: Russia: Primorie, Sikhote-Alin State Reservation.

Phallantha sichotealini: VERVES, 1986: 140; VERVES & KHROKALO, 2006b: 155; XUE W. & VERVES, 2009: 54; ZHANG G. *et al.*, 2010: 989.

Pierretia (*Phallantha*) *sichotealini*: FAN, 1965: 235; 1992: 677; ZHANG G. *et al.*, 2010: 293; ZHANG G. & ZHANG Z., 2010: 293.

Pierretia sichotealini: CHEN X. *et al.*, 2013: 51.

Sarcophaga (*Phallantha*) *sichotealini*: PAPE, 1996: 377.

Pa: China: Heilongjiang, Henan, Hubei (FAN, 1992; FAN & PAPE, 1996), Jilin (FAN & PAPE, 1996; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Shanghai, Shanxi, Sichuan (FAN, 1992); Or: China: Guizhou, Hunan, Yunnan (FAN, 1992).

68. Genus *Povolnymyia* Verves, 1997.

Povolnymyia Verves, 1997: 51. Type species: *Bellieriomima lingulata* Ye, 1980.

Povolnymyia: XUE W. & VERVES, 2009: 54.

(224) *Povolnymyia lingulata* (Ye, 1980)

Bellieriomima lingulata Ye, 1980b: 285. Type locality: China: Sichuan, Nanping.

Povolnymyia lingulata: VERVES, 1997: 54; XUE W. & VERVES, 2009: 54.

Bellieriomima (s. str.) *lingulata*: VERVES, 1986: 135.

Pierretia (*Bellieriomima*) *lingulata*: FAN, 1992: 684.

Sarcophaga (*Bellieriomima*) *lingulata*: PAPE, 1996: 300.

Pa: China: Gansu (FAN, 1992), Sichuan (YE, 1980b).

(225) *Povolnymyia shuxia* (Feng & Qiao, 2003).

Pierretia shuxia Feng & Qiao, 2003: 268, 270. Type locality: China: Sichuan, Mingchan Mount, Mt Meng.

Povolnymyia shuxia: XUE W. & VERVES, 2009: 54.

Pa: China: Sichuan (FENG & QIAO, 2003).

69. Genus *Pseudothyrsocnema* Rohdendorf, 1937

Pseudothyrsocnema Rohdendorf, 1937: 167 [as subgenus of *Thyrsocnema* Enderlein, 1928]. Type species: *Sarcophaga spinosa* Villeneuve, 1912.

Pseudothyrsocnema: LEHRER, 2008c: 10; VERVES & KHROKALO, 2006b: 77, 155; XUE W. & VERVES, 2009: 54.

Thyrsocnema (*Pseudothyrsocnema*): ROHDENDORF, 1965: 681, 692; SHINONAGA & LOPES, 1975: 455; VERVES, 1986: 144.

Pierretia (*Pseudothyrsocnema*): FAN, 1965: 232; 1992: 672.

Sarcophaga (*Pseudothyrsocnema*): PAPE, 1996: 381.

(226) *Pseudothyrsocnema caudagalli* (Böttcher, 1912)

Sarcophaga caudagalli Böttcher, 1912a: 167. Type locality: Taiwan: Tainan.

Pseudothyrsocnema caudagalli: BARTÁK *et al.*, 2019: 46, 49; XUE W. & VERVES, 2009: 54; ZHANG B. *et al.*, 2010: 359.

Thyrsocnema (*Pseudothyrsocnema*) *caudagalli*: ROHDENDORF, 1937: 169; SHINONAGA & LOPES, 1975: 455, 456; VERVES, 1986: 144.

Myorhina (*Pseudothyrsocnema*) *caudagalli*: FAN, 2002: 83.

Myorhina caudagalli: KURAHASHI *et al.*, 2017: 37; LIU Y. *et al.*, 2011: 325.

Pierretia (*Pseudothyrsocnema*) *caudagalli*: FAN, 1965: 239; 1992: 686; ZHANG B. *et al.*, 2010: 359.

Pierretia caudagalli: CHEN X. *et al.*, 2013: 51; KANO *et al.*, 1968: 84; YU, 1983: 44; 1995: 138.

Sarcophaga (*Pseudothyrsocnema*) *caudagalli*: PAPE, 1996: 381;

Sarcophaga (s. l.) *caudagalli*: BARANOV, 1941: 387.

Sarcophaga caudagalli: HO, 1934b: 33; 1936: 265; KANO *et al.*, 1968: 84; LIN & CHEN, 1999: 117; SHIMADA *et al.*, 1961: 33; SUGIYAMA *et al.*, 1987: 67; XIAO, 2010: 464.

Pseudothyrsocnema fanigalia LEHRER, 2008c: 12. Type locality not given.

Pierretia autochtona WEI & YANG, in: LI Z., YANG & JIN, 2007: 529, 538, syn. nov. Type locality: China: Guizhou, Leigongshan National Nature [as "Nate"] Reserve.

Comment: The original description and drawings of ♂ genitalia of *Sarcophaga caudagalli* by Böttcher, 1912a (fig. 4, p. 168) are practically not different from those of *Pierretia autochtona* Wei & Yang, 2007 (fig. 72, p. 529).

Sarcophaga crinita [misidentification: not *Sarcophaga crinita* Parker, 1917]: HSIEN, 1958: 79.

Pa: China: Henan, Hubei, Jiangsu (FAN, 1992), Liaoning (CHEN X. *et al.*, 2013), Sichuan (FAN, 1992); Or: China: Fujian (HSIEN, 1958), Guangdong (FAN, 1992, 2002; SHIMADA *et al.*, 1961: 33; ZHANG B. *et al.*, 2010), Guizhou (FAN, 1992), Hainan (HO, 1936; SHINONAGA & LOPES, 1975; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968), Yunnan (FAN, 1965, 1992), Zhejiang (FAN, 1992; HO, 1934b; YU, 1995); Taiwan (BARANOV, 1941; BARTÁK *et al.*, 2019; BÖTTCHER, 1912a; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; SHINONAGA & LOPES, 1975; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(227) *Pseudothyrsocnema crinitula* (Quo, 1952)

Sarcophaga crinitula Quo, 1952: 72. Type locality: China: environs of Shanghai.

Pseudothyrsocnema crinitula: JI *et al.*, 2011: 478; VERVES & KHROKALO, 2006b: 154; XUE W. & VERVES, 2009: 54.

Thyrsoecema (Pseudothyrsoecema) crinitula: SHINONAGA & LOPES, 1975: 455, 456; VERVES, 1986: 145.

Pierretia (Pseudothyrsoecema) crinitula: FAN, 1992: 686.

Pierretia crinitula: FENG S. *et al.*, 2012: 143.

Sarcophaga (Pseudothyrsoecema) crinitula: PAPE, 1996: 381.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Jiangsu (FAN, 1992), Shanghai (FAN, 1992; FAN & PAPE, 1996; JI *et al.*, 2011; SHINONAGA & LOPES, 1975); Or: China: Zhejiang (FAN, 1992).

(228) *Pseudothyrsoecema lhasae* (Fan, 1964)

Pierretia (Pseudothyrsoecema) lhasae Fan, 1964: 306, 317. Type locality: Tibet [= Xizang]: Lhasa.

Pseudothyrsoecema lhasae: XUE W. & VERVES, 2009: 54.

Thyrsoecema (Pseudothyrsoecema) lhasae: SHINONAGA & LOPES, 1975: 455, 459; VERVES, 1986: 145.

Pierretia (Pseudothyrsoecema) lhasae: FAN, 1992: 686.

Pierretia lhasae: CHAO & ZHANG, 1982: 227; FAN, 1965: 237.

Sarcophaga (Pseudothyrsoecema) lhasae: PAPE, 1996: 382.

Pa: Tibet [= Xizang] (CHAO & ZHANG, 1982; FAN, 1964; SHINONAGA & LOPES, 1975).

70. Genus *Sarina* Enderlein, 1928

Sarina Enderlein, 1928: 48. Type-species: *Sarcophaga nigrans* Pandellé, 1896 (= *Musca sexpunctata* Fabricius, 1805).

Sarina: VERVES, 1997: 50; VERVES & KHROKALO, 2006b: 76, 155; XUE W. & VERVES, 2009: 54.

Arachnidomyia Townsend, 1934: 111. Type species: *Sarcophaga davidsonii* Coquillett, 1892, by original designation.

Arachnidomyia: LOPES, 1981: 307; ROBACK, 1954: 65.

Pierretia (Arachnidomyia): FAN, 1992: 673.

Arhopocnemia Enderlein, 1936: 216. Type species: *Arhopocnemia boettcheri* Enderlein, 1928 (= *Musca sexpunctata* Fabricius, 1805), by monotypy.

Thyrsoecema (Mehria) [in part; misidentification: not *Mehria* Enderlein, 1928]: ROHDENDORF, 1937: 155, 158.

Mehria [in part; misidentification: not *Mehria* Enderlein, 1928]: ROHDENDORF, 1965: 683, 692.

(229) *Sarina olsoufevi* (Rohdendorf, 1937)

Thyrsoecema (Mehria) olsoufevi Rohdendorf, 1937: 156, 161. Type locality: Russia: Dagestan, Kizliar District, Borodinskaia.

Sarina olsoufevi: VERVES, 1997: 50; VERVES & KHROKALO, 2006b: 157; XUE W. & VERVES, 2009: 55.

Arachnidomyia olsoufevi: VERVES, 1990: 598.

Pierretia (Arachnidomyia) olsoufevi: FAN, 1992: 678.

Pierretia (Mehria) olsoufevi: VERVES, 1986: 142.

Pierretia olsoufevi: ZHANG G. *et al.*, 2010: 989.

Sarcophaga (Mehria) olsoufevi: PAPE, 1996: 362.

Pierretia (Mehria) olsoufevi benshiensis Hsue, 1979: 192. Type locality: China: Liaoning, Benchi.

Pa: China: Jilin (PAPE, 1996; ZHANG G. *et al.*, 2010), Liaoning (HSUE, 1979).

(230) *Sarina sexpunctata* (Fabricius, 1805)

Musca sexpunctata Fabricius, 1805: 300. Type locality: Denmark: Zealand [as "Sjælland"].

Sarina sexpunctata: VERVES, 1997: 50; VERVES & KHROKALO, 2006b: 157; XUE W. & VERVES, 2009: 55.

Arachnidomyia sexpunctata: VERVES, 1990: 584, 598.

Sarcophaga (Mehria) sexpunctata: PAPE, 1996: 362.

Sarcophaga clathrata Meigen, 1826: 25. Type locality not given.

Pierretia (Arachnidomyia) clathrata: FAN, 1992: 678.

Pierretia (Mehria) clathrata: VERVES, 1986: 142.

Pierretia clathrata: ZHANG G. *et al.*, 2010: 989.

Thyrsoecema (Mehria) clathrata: BARANOV, 1941: 386; ROHDENDORF, 1937: 156, 158.

Sarcophaga clathrata: SÉGUY, 1941a: 62, 85.

Pa: China: Beijing, Heilongjiang (FAN, 1965, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010), Liaoning, Sichuan, Tianjin, Xinjiang (FAN, 1965, 1992).

(231) *Sarina tsintaoensis* (Yeh, 1964)

Pierretia clathrata tsintaoensis Yeh, 1964: 300. Type locality: China: Shandong, Tsin-Tao.

Sarina tsintaoensis: VERVES, 1997: 50; XUE W. & VERVES, 2009: 55.

Arachnidomyia tsintaoensis: FAN & PAPE, 1996: 247.

Pierretia (Arachnidomyia) tsintaoensis: FAN, 1992: 678; ZHANG G. & ZHANG Z., 2010: 293.

Pierretia (Mehria) tsintaoensis: FAN, 1965: 235; VERVES, 1986: 142.

Pierretia tsintaoensis: ZHANG B. *et al.*, 2010: 359; ZHANG G. *et al.*, 2010: 989.

Myorhina tsintaoensis: KURAHASHI, 2004: 299.

Sarcophaga (Mehria) tsintaoensis: PAPE, 1996: 363.

Pa: China: Jilin (ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Shandong (YEH, 1964); Or: China: Guangdong (ZHANG B. *et al.*, 2010).

71. Genus *Sugiyamamyia* Verves, 1997

Sugiyamamyia Verves, 1997: 54. Type species: *Sarcophaga tsengi* Sugiyama, 1987.

Sugiyamamyia: XUE W. & VERVES, 2009: 55.

(232) *Sugiyamamyia fenchihuensis* (Sugiyama, 1987)

Sarcophaga fenchihuensis Sugiyama, 1987, in: Sugiyama *et al.*, 1987: 68. Type locality: Taiwan: Fenchihu, Chia Hsien.

Sugiyamamyia fenchihuensis: BARTÁK *et al.*, 2019: 46; VERVES, 1997: 54; XIAO, 2010: 464; XUE W. & VERVES, 2009: 55.

Phallantha fenchihuensis: KURAHASHI *et al.*, 2017: 37.

Sarcophaga fenchihuensis: LIN & CHEN, 1999: 117; PAPE, 1996: 417.

Or: Taiwan (KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(233) *Sugiyamamyia tsengi* (Sugiyama, 1987)

Sarcophaga tsengi Sugiyama, 1987, in: Sugiyama *et al.*, 1987: 79. Type locality: Taiwan: Tainan Hsien, Kuantsuling.

- Sugiyamamyia tsengi*: BARTÁK *et al.*, 2019: 46; VERVES, 1997: 54; XIAO, 2010: 464; XUE W. & VERVES, 2009: 55.
- Phallantha tsengi*: KURAHASHI *et al.*, 2017: 37.
- Sarcophaga tsengi*: LIN & CHEN, 1999: 117; PAPE, 1996: 419.
- Or: Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).
72. Genus *Thyrsocnema* Enderlein, 1928
- Thyrsocnema* Enderlein, 1928: 42. Type-species: *Sarcophaga striata* Fabricius, 1774" sensu Enderlein, 1928 [= *Sarcophaga incisilobata* Pandellé, 1896], misidentification: not *Musca striata* Fabricius, 1774.
- Thyrsocnema*: VERVES, 1986: 144; 1990: 570; XUE W. & VERVES, 2009: 55.
- Thyrsocnema* (s. str.): ROHDENDORF, 1937: 153, 172; 1965: 681, 692.
- Pierretia* (*Thyrsocnema*): FAN, 1992: 673.
- Sarcophaga* (*Thyrsocnema*): PAPE, 1996: 410.
- (234) *Thyrsocnema kentejana* Rohdendorf, 1937
- Thyrsocnema* (s. str.) *kentejana* Rohdendorf, 1937: 157, 174. Type locality: Mongolia: Khentei Aimak, Sudzuke.
- Thyrsocnema kentejana*: BARTÁK *et al.*, 2019: 46, 50; VERVES, 1990: 600; VERVES & KHROKALO, 2006b: 157; XUE W. & VERVES, 2009: 55.
- Thyrsocnema* (s. str.) *kentejana*: ROHDENDORF & VERVES, 1977: 726; 1978: 255; VERVES, 1986: 145.
- Pierretia kentejana*: CHAO & ZHANG, 1982: 227; ZHANG G. *et al.*, 2010: 989.
- Pierretia* (*Thyrsocnema*) *kentejana*: FAN, 1965: 237; 1992: 682.
- Sarcophaga* (*Thyrsocnema*) *kentejana*: PAPE, 1996: 411.
- Pa: China: Hebei, Heilongjiang (FAN, 1965, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010), Liaoning, Neimenggu (FAN, 1992), Qinghai (CHAO & ZHANG, 1982; FAN, 1992), Shanxi (LI M. *et al.*, 2014; PAPE, 1996); Sichuan, Xinjiang (FAN, 1985, 1992); Tibet [= Xizang] (CHAO & ZHANG, 1982). Or: China: Yunnan (PAPE, 1996).
743. Genus *Tuberomembrana* Fan, 1981
- Tuberomembrana* Fan, 1981: 314, 316. Type species: *Tuberomembrana xizangensis* Fan, 1981.
- Tuberomembrana*: FAN, 1992: 638, 647; XUE W. & VERVES, 2009: 56.
- Sarcophaga* (*Tuberomembrana*): PAPE, 1996: 412.
- (235) *Tuberomembrana xizangensis* Fan, 1981.
- Tuberomembrana xizangensis* Fan, 1981: 314, 316. Type locality: Tibet [= Xizang]: Nyinchi.
- Tuberomembrana xizangensis*: FAN, 1992: 648; XUE W. & VERVES, 2009: 56.
- Sarcophaga* (*Tuberomembrana*) *xizangensis*: PAPE, 1996: 412.
- Pa: Tibet [= Xizang] (FAN, 1981).
754. Genus *Xuella* Verves, 1997
- Xuella* Verves, 1997: 56. Type species: *Pierretia lageniharpes* Xue W. & Feng, 1989.
- Xuella*: XUE W. & VERVES, 2009: 56.
- (236) *Xuella lageniharpes* (Xue & Feng, 1989)
- Pierretia lageniharpes* Xue W. & Feng, 1989: 485, 487. Type locality: China: Sichuan, Luding, 30°N, 120°E.
- Xuella lageniharpes*: VERVES, 1997: 56; XUE W. & VERVES, 2009: 56.
- China: Pa: Sichuan (XUE W. & FENG, 1989).
75. Genus *Yunnanisca* Verves, 1997
- Yunnanisca* Verves, 1997: 56. Type species: *Pierretia fani* Li & Ye, 1985
- Yunnanisca*: XUE W. & VERVES, 2009: 56.
- (237) *Yunnanisca fani* (Li & Ye, 1985).
- Pierretia fani* Li F. & Ye, 1985, in: Li F. *et al.*, 1985: 296, 298. Type locality: China: Yunnan, Lijiang, Dayan town.
- Yunnanisca fani*: VERVES, 1997: 57; XUE W. & VERVES, 2009: 56.
- Pierretia fani*: FAN, 1992: 682.
- Sarcophaga* (*Myorhina*) *fani*: PAPE, 1996: 364.
- China: Or: Yunnan (LI F. *et al.*, 1985).
- Subtribe Parasarcophagina Rohdendorf, 1965
- Parasarcophagina Rohdendorf, 1965: 679, 685, 693.
76. Genus *Bercaea* Robineau-Desvoidy, 1863
- Bercaea* Robineau-Desvoidy, 1863: 549. Type species: *Musca haemorrhoidalis*: Meigen, 1826 (= *Musca africa* Wiedemann, 1824) [misidentification: not *Musca haemorrhoidalis* Fallén, 1817].
- Bercaea*: FAN, 1965: 226, 258; 1992: 642, 690; LEHRER, 1998: 337; ROHDENDORF, 1965: 685, 694; VERVES, 1986: 159; VERVES & KHROKALO, 2006b: 77, 158.
- Sarcophaga* (*Bercaea*): PAPE, 1996: 302; ZUMPT, 1972: 42.
- Coprosarcophaga* Rohdendorf, 1937: 57, 293. Type species: *Musca haemorrhoidalis* sensu Meigen, 1826.
- (238) *Bercaea africa* (Wiedemann, 1824)
- Musca africa* Wiedemann, 1824: 49. Type locality: South Africa: Western Cape Province, Cape of Good Hope.
- Bercaea africa*: BARTÁK *et al.*, 2019: 47, 50; FENG Y., 2015: 194; KANO *et al.*, 1999; LEHRER, 1998: 337; VERVES & KHROKALO, 2006b: 77, 158; ZHANG B. *et al.*, 2010: 358.
- Sarcophaga* (*Bercaea*) *africa*: PAPE, 1996: 302.
- Sarcophaga africa*: REN *et al.*, 2018: 18.
- Sarcophaga cruentata* Meigen, 1826: 28. Type locality: Europe: probably Germany.
- Bercaea cruentata*: CHEN L. & ZHU, 2014: 24; CHEN L. *et al.*, 2015: 323. CHEN X. *et al.*, 2013: 51; FAN, 1992: 691; FENG Y., 2011: 548; 2015: 194; JI *et al.*, 2011: 478; JIA *et al.*, 2010: 442; LI M. *et al.*, 2014: 549; MA G. *et al.*, 2014: 449; VERVES, 1986: 159; WANG Y. *et al.*, 2009: 400; ZHANG G. & ZHANG Z., 2010: 293; ZHANG Q. *et al.*, 2014: 342.
- Bercaea haemorrhoidalis* [misidentification: not *Musca haemorrhoidalis* Fallén, 1817]: CHAO C. & ZHANG, 1982: 227; CHE Z. *et al.*, 2009: 170; FAN, 1965: 258; FENG S. *et al.*, 2012: 143; FENG Y., 2006: 495; LIU Y. *et al.*, 2011; ROHDENDORF, 1965: 694; ROHDENDORF *et al.*, 1978: 256; WANG Y. *et al.*, 2012: 233.
- Coprosarcophaga haemorrhoidalis* [misidentification: not *Musca haemorrhoidalis* Fallén, 1817]: ROHDENDORF, 1937: 293.

Sarcophaga haemorrhoidalis [misidentification: not *Musca haemorrhoidalis* Fallén, 1817]: CHOU, 1963: 233; PATTON & HO, 1938: 151; ROHDENDORF, 1930b: 317. SÉGUY, 1941a: 58, 105. SENIOR-WHITE *et al.*, 1940: 276.

Pa: China: Beijing (CHEN L. & ZHU, 2014; CHE Z. *et al.*, 2009; FAN, 1992), Chongqing (FENG S. *et al.*, 2012), Gansu (FAN, 1965, 1992; WANG Y. *et al.*, 2012), Hebei, Henan (FAN, 1992), Jilin (ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013), Neimenggu, Ningxia, Qinghai, Shaanxi (FAN, 1992), Shandong (CHOU, 1963; FAN, 1965, 1992; ROHDENDORF, 1930b), Shanghai (FAN, 1992; JI *et al.*, 2011), Shanxi (FAN, 1992; LI M. *et al.*, 2014; MA G. *et al.*, 2014; WANG Y. *et al.*, 2009), Sichuan (FAN, 1992; FENG Y., 2006, 2011, 2015), Xinjiang (CHEN L. *et al.*, 2015); FAN, 1992); Tibet [= Xizang] (CHAO C. & ZHANG, 1982:). Or: China: Guangdong (ZHANG B. *et al.*, 2010), Hunan (KANO *et al.*, 1999; LONG *et al.*, 2015), Yunnan (FAN, 1965, 1992; KANO *et al.*, 1999), Zhejiang (ZHANG Q. *et al.*, 2014).

77. Genus *Cornexcisia* Fan & Kano, 2000.

Cornexcisia Fan & Kano, 2000: 251. Type species: *Cornexcisia longicornuta* Fan & Kano, 2000.

Cornexcisia: WANG C. *et al.*, 2019: 412.

(239) *Cornexcisia longicornuta* Fan & Kano, 2000.

Cornexcisia longicornuta Fan & Kano, 2000: 251. Type locality: China: Yunnan, Meglun, Xishuangbanna.

Cornexcisia longicornuta: WANG C. *et al.*, 2019: 413

Or: China: Yunnan (AOKI *et al.*, 2000).

78. Genus *Fengia* Rohdendorf, 1964

Fengia Rohdendorf, 1964: 83. Type species: *Sarcophaga ostindicae* Senior-White, 1924.

Fengia: FAN, 1965: 224, 247; 1992: 639, 667; KURAHASHI *et al.*, 2017: 33; ROHDENDORF, 1965: 691, 695.

Sarcophaga (Fengia): PAPE 1996: 316.

(240) *Fengia ostindicae* (Senior-White, 1924)

Sarcophaga ostindicae Senior-White, 1924: 233. Type locality: "East India".

Fengia ostindicae: BARTÁK *et al.*, 2019: 47, 50; FAN, 1965: 247; 1992: 668; KANO *et al.*, 1999: 134; KURAHASHI *et al.*, 2017: 377; LEHRER, 2008f: 11; ROHDENDORF, 1964: 82, 83; 1965: 695; ZHANG B. *et al.*, 2010: 358.

Sarcophaga (Fengia) ostindicae: PAPE, 1996: 316.

Sarcophaga ostindicae: HO, 1936: 266; LIN & CHEN, 1999: 117; SENIOR-WHITE *et al.*, 1940: 275; SHIMADA *et al.*, 1961: 34; SUGIYAMA *et al.*, 1987: 75; XIAO, 2010: 464.

Fengia shanga Lehrer, 2008f: 12, syn. nov. Type locality not given.

Comment: The description of *Fengia shanga* is based on drawings of male genitalia of *Fengia ostindicae* after FAN, 1965 (p. 247, figs 962-963) and FAN, 1992 (p. 668, fig. 1321) only. The differences in drawings of FAN and other authors (SENIOR-WHITE, 1924 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Or: China: Guangdong (KANO *et al.*, 1999; ROHDENDORF, 1964; ZHANG B. *et al.*, 2010), Hainan (HO, 1936; KANO *et al.*, 1999; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Yunnan (FAN, 1965, 1992; KANO *et al.*, 1999); Taiwan (KANO *et al.*, 1999; KURAHASHI *et al.*, 2017: 37; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

79. Genus *Horiisca* Rohdendorf, 1965.

Horiisca Rohdendorf, 1965: 691, 694. Type species: *Sarcophaga hozawai* Hori, 1954.

Horiisca: FAN, 1992: 639, 668; KURAHASHI *et al.*, 2017: 33; VERVES, 1986: 161; VERVES & KHROKALO, 2006b: 77, 158.

Sarcophaga (Horiisca): PAPE, 1996: 337.

(241) *Horiisca hozawai* (Hori, 1954).

Sarcophaga hozawai Hori, 1954: 46. Type locality: Japan: Honshu, Ishikawa Prefecture, Mt Shititaka.

Horiisca hozawai: FAN, 1992: 668; KURAHASHI *et al.*, 2017: 37; ROHDENDORF, 1965: 694; VERVES, 1986: 161; VERVES & KHROKALO, 2006b: 159; ZHANG B. *et al.*, 2010: 358.

Sarcophaga (Horiisca) hozawai: PAPE, 1996: 337.

Or: China: Guangdong (ZHANG B. *et al.*, 2010), Yunnan, Zhejiang (FAN, 1992); Taiwan (KURAHASHI *et al.*, 2017).

80. Genus *Hosarcophaga* Shinonaga & Tumrasvin, 1979

Hosarcophaga Shinonaga & Tumrasvin, 1979: 135. Type species: *Sarcophaga serrata* Ho, 1938.

Hosarcophaga: BARTÁK *et al.*, 2019: 50; FAN, 1992: 642.

Sarcophaga (Hosarcophaga): PAPE, 1996: 337.

(242) *Hosarcophaga problematica* Baranov, 1941.

Sarcophaga (Parasarcophaga) problematica Baranov, 1941: 389, 396, 401. Type locality: Taiwan: Kosempo [as "Kankau"].

Hosarcophaga problematica: BARTÁK *et al.*, 2019: 47; KURAHASHI *et al.*, 2017: 37.

Sarcophaga problematica: SHIMADA *et al.*, 1961: 34; XIAO, 2010: 464.

Sarcophaga serrata [misidentification: not *Sarcophaga serrata* Ho, 1938]: LIN & CHEN, 1999: 117.

Or: Taiwan (BARANOV, 1941; BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; XIAO, 2010).

(243) *Hosarcophaga serrata* (Ho, 1938)

Sarcophaga serrata Ho, 1938: 120. Type locality: Indonesia: West Java, Djampong, Tengah, G. Tjisoeroe.

Hosarcophaga serrata: BARTÁK *et al.*, 2019: 47; KANO *et al.*, 1999: 136.

Sarcophaga (Hosarcophaga) serrata: PAPE, 1996: 337.

Sarcophaga serrata: SUGIYAMA *et al.*, 1987: 77; XIAO, 2010: 464.

Or: Taiwan (BARTÁK *et al.*, 2019; KANO *et al.*, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

821. Genus *Kanomyia* Shinonaga & Tumrasvin, 1979

Kanomyia Shinonaga & Tumrasvin, 1979: 136. Type species: *Kanomyia bangkokensis* Shinonaga et Tumrasvin, 1979.

Kanomyia: FAN, 1992: 643, 717.

Sarcophaga (Kanomyia): PAPE, 1996: 340.

(244) *Kanomyia bangkokensis* Shinonaga & Tumrasvin 1979.

Kanomyia bangkokensis Shinonaga & Tumrasvin, 1979: 138. Type locality: Thailand: Bangkok, Sam Sane.

Kanomyia bangkokensis: FAN, 1992: 717.

Sarcophaga (Kanomyia) bangkokensis: PAPE, 1996: 340.

Or: China: Yunnan (FAN, 1992).

82. Genus *Liopygia* Enderlein, 1828

Liopygia Enderlein, 1828: 41. Type species: *Musca ruficornis* Fabricius, 1794.

Liopygia: KURAHASHI *et al.*, 2017: 32; VERVES, 1990: 571, 602; VERVES & KHROKALO, 2006b: 77, 160.

Parasarcophaga (Liopygia): ROHDENDORF, 1965: 687, 694; VERVES, 1986: 165.

Sarcophaga (Liopygia): PAPE, 1996: 345.

82.1. Subgenus *Jantia* Rohdendorf, 1937

Jantia Rohdendorf, 1937: 197, 251 [as subgenus of *Parasarcophaga* Johnston et Tiegs, 1921]. Type species: *Sarcophaga securifera* Villeneuve, 1908 (= *Sarcophaga crassipalpis* Macquart, 1839).

Liopygia (Jantia): VERVES & KHROKALO, 2006b: 161.

Parasarcophaga (Jantia): FAN, 1965: 263; ROHDENDORF, 1965: 686, 694; VERVES, 1986: 165.

(245) *Liopygia (Jantia) crassipalpis* (Macquart, 1839).

Sarcophaga crassipalpis Macquart, 1839: 112. Type locality: Canary Is.

Liopygia (Jantia) crassipalpis: BARTÁK *et al.*, 2019: 47; VERVES, 1990: 603; VERVES & KHROKALO, 2006b: 161.

Liopygia crassipalpis: JI *et al.*, 2011: 478; JIA *et al.*, 2010: 442; PAI *et al.*, 2014: 209; WU W. *et al.*, 2014: 1564; ZHANG B. *et al.*, 2010: 358.

Parasarcophaga (Jantia) crassipalpis: CHEN L. *et al.*, 2015: 323; FAN, 1965: 263; 1992: 701; MA G. *et al.*, 2014: 449; ROHDENDORF & VERVES, 1978: 256; VERVES, 1986: 165; ZHANG G. & ZHANG Z., 2010: 294.

Parasarcophaga crassipalpis: CAI *et al.*, 2004: 133; CHAO C. & ZHANG, 1982: 227; CHE *et al.*, 2009: 170; CHEN X. & al., 2013: 51; FENG S. *et al.*, 2012: 143; HE *et al.*, 2007: 148; LIN *et al.*, 2007: 148; LIU *et al.*, 2011: 49; MA G. *et al.*, 2014: 449; MA Y. & HU, 1997: 375; MA Y. *et al.*, 2000: 388; WANG Y. *et al.*, 2009: 400; YANG L. *et al.*, 2010: 253.

Sarcophaga (Liopygia) crassipalpis: PAPE, 1996: 347; ZHANG Q. *et al.*, 2014: 342.

Sarcophaga securifera Villeneuve, 1908, in: Becker, 1908: 123. Type locality: Canary Is.: Tenerife.

Sarcophaga securifera Villeneuve, 1908, in: Becker, 1908: 123. Type locality: Canary Is.: Tenerife.

Parasarcophaga (Jantia) securifera: ROHDENDORF, 1937: 197, 251.

Pa: China: Beijing (CHE *et al.*, 2009), Chongqing (FENG S. *et al.*, 2012), Gansu (FAN, 1992; WANG Y. *et al.*, 2012), Hebei (FAN, 1992; YANG L. *et al.*, 2010), Heilongjiang (FAN, 1992), Henan (FAN, 1992; LIU J. *et al.*, 2012), Hubei (FAN, 1992), Jiangsu (FAN, 1992), Jilin (FAN, 1992; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Neimenggu (CAI *et al.*, 2004; FAN, 1992), Ningxia (FAN, 1992), Qinghai (CHAO C. & ZHANG, 1982; FAN, 1992), Shaanxi (FAN, 1992), Shandong (CHOU, 1963; FAN, 1992), Shanghai (FAN, 1992; JI *et al.*, 2011; LIN H. *et al.*, 2005), Shanxi (FAN, 1992; MA G. *et al.*, 2014; WANG Y. *et al.*, 2009), Sichuan (FAN, 1992), Tianjin (FAN, 1992), Xinjiang (FAN, 1992); Tibet [= Xizang] (CHAO C. & ZHANG, 1982; FAN, 1992). Or: China: Guangdong (ZHANG B. *et al.*, 2010), Shenzhen (REN *et al.*, 2018), Zhejiang (FAN, 1992; MA Y. & HU, 1997; MA Y. *et al.*, 2000; WU *et al.*, 2014; ZHANG Q. *et al.*, 2014).

82.2. Subgenus *Liopygia* s. str.

(246) *Liopygia* (s. str.) *ruficornis* (Fabricius, 1794)

Musca ruficornis Fabricius, 1794: 314. Type locality: "India orientali".

Liopygia (s. str.) *ruficornis*: BARTÁK *et al.*, 2019: 47.

Liopygia ruficornis: KURAHASHI *et al.*, 2017: 37; PAI *et al.*, 2014: 209; TOWNSEND, 1938: 40; ZHANG B. *et al.*, 2010: 358.

Parasarcophaga (Liopygia) ruficornis: FAN, 1992: 701; 2002: 87, 88; ROHDENDORF, 1965: 687, 694; VERVES, 1986: 166.

Parasarcophaga ruficornis: KANO *et al.*, 1968: 84; LIU Y. *et al.*, 2011: 325; WANG J. *et al.*, 2008a: 11; 2008b: 402.

Sarcophaga (Liopygia) ruficornis: PAPE, 1996: 347.

Sarcophaga ruficornis: LIN & CHEN, 1999: 117; REN *et al.*, 2018: 19; SENIOR-WHITE, 1924: 251; SENIOR-WHITE *et al.*, 1940: 269; SUGIYAMA *et al.* 1987: 76; XIAO, 2010: 464.

Sarcophaga furicornis [incorrect subsequent spelling of *ruficornis* Fabricius, 1794]. SHIMADA *et al.*, 1961: 34.

Or: China: Guangdong (FAN, 1992, 2002; LIU Y. *et al.*, 2011; WANG J. *et al.*, 2008a, b; ZHANG B. *et al.*, 2010), Hainan (ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; SHIMADA *et al.*, 1961; SUGIYAMA *et al.* 1987; XIAO, 2010).

82.3. Subgenus *Thomsonia* Rohdendorf, 1937

Thomsonia Rohdendorf, 1937: 197, 247 [as subgenus of *Parasarcophaga* Johnston et Tiegs, 1921]. Type species: *Sarcophaga barbata* Thomson, 1869 (= *Myophora argyrostoma* Robineau-Desvoidy, 1830).

Parasarcophaga (Thomsonia): ROHDENDORF, 1965: 686, 694; VERVES, 1986: 172.

(247) *Liopygia (Thomsonia) argyrostoma* (Robineau-Desvoidy, 1830)

Myophora argyrostoma Robineau-Desvoidy, 1830: 340. Type locality: South Africa: Western Cape Province, Cape of Good Hope.

Liopygia (Thomsonia) argyrostoma: BARTÁK *et al.*, 2019: 47; VERVES & KHROKALO, 2006b: 160.

Liopygia argyrostoma: FAN & PAPE, 1996: 251.

Parasarcophaga (Thomsonia) argyrostoma: ROHDENDORF, 1965: 694; VERVES, 1986: 173.

Sarcophaga (Liopygia) argyrostoma: PAPE, 1996: 346.

Sarcophaga argyrostoma: REN *et al.*, 2018: 18; SÉGUY, 1941a: 70, 77.

Sarcophaga barbata Thomson, 1869: 533. Type locality: USA: Hawaii, Oahu.

Parasarcophaga (Thomsonia) barbata: ROHDENDORF, 1937: 198, 247.

Sarcophaga barbata: SENIOR-WHITE, 1924: 261; SENIOR-WHITE *et al.*, 1940: 222.

Pa: China: Qinghai (FAN & PAPE, 1996).

82.4. Subgenus *Variosellea* Xue, 1979

Variosellea Xue, 1979 [as "Hsue"]: 192 [as subgenus of *Parasarcophaga* Johnston & Tiegs, 1921]. Type species: *Sarcophaga uliginosa* Kramer, 1908.

Liopygia (Variosellea): VERVES & KHROKALO, 2006b: 160.

- Parasarcophaga (Varirosellea)*: FAN, 1992: 713.
- Varirosellea*: LEHRER, 1994a: 13.
- Sarcophaga (Varirosellea)*: PAPE, 1996: 413.
- (248) *Liopygia (Varirosellea) uliginosa* (Kramer, 1908)
- Sarcophaga uliginosa* Kramer, 1908a: 152. Type locality: Germany: Oberlausitz, Weisswasser.
- Liopygia (Varirosellea) uliginosa*: VERVES, 1990: 603; VERVES & KHROKALO, 2006b: 161.
- Parasarcophaga (Varirosellea) uliginosa*: FAN, 1992: 713; LI M. *et al.*, 2014: 550; MA G. *et al.*, 2014: 449; XUE W., 1979 [as "HSUE"]: 192; ZHANG G. & ZHANG Z., 2010: 294.
- Parasarcophaga (Rosellea) uliginosa*: ROHDENDORF, 1937: 197, 441; ROHDENDORF & VERVES, 1978: 256; VERVES, 1986: 172.
- Varirosellea uliginosa*: FAN & PAPE, 1996: 257.
- Sarcophaga (Varirosellea) uliginosa*: PAPE, 1996: 413.
- Sarcophaga uliginosa*: SÉGUY, 1941a: 68, 162.
- Pa: China: Heilongjiang (FAN, 1992), Jilin (FAN, 1992; ZHANG G. & ZHANG Z., 2010), Liaoning, Ningxia (FAN, 1992), Shanxi (FAN, 1992; LI M. *et al.*, 2014; MA G. *et al.*, 2014).
83. Genus *Liosarcophaga* Enderlein, 1928
- Liosarcophaga* Enderlein, 1928: 18. Type species: *Cynomya madeirensis* Schiner, 1868.
- Liosarcophaga*: VERVES, 1990: 571, 603. VERVES & KHROKALO, 2006b: 77, 161.
- Parasarcophaga (Liosarcophaga)*: FAN, 1965: 263; 1992: 639, 668; ROHDENDORF, 1937: 193, 205; 1965: 689, 693; VERVES, 1986: 166.
- Sarcophaga (Liosarcophaga)*: PAPE, 1996: 345.
- Apicomplexa* Fan & Qian, 1992, in: Fan, 1992: 716 [as subgenus of *Parasarcophaga* Johnson & Tiegs, 1921]. Type-species: *Parasarcophaga emdeni* Rohdendorf, 1969.
- Occultophalla* Lehrer, 1994: 14. Type-species: *Parasarcophaga emdeni* Rohdendorf, 1969.
- 83.1. Subgenus *Curranea* Rohdendorf, 1937
- Curranea* Rohdendorf, 1937: 193, 255 [as subgenus of *Parasarcophaga* Johnston et Tiegs, 1921]. Type species: *Sarcophaga beckeri* Villeneuve, 1908 (= *Sarcophaga tibialis* Macquart, 1851).
- Parasarcophaga (Curranea)*: FAN, 1965: 263; ROHDENDORF, 1965: 687, 693.
- (249) *Liosarcophaga (Curranea) iwuensis* (Ho, 1934)
- Sarcophaga iwuensis* Ho, 1934b: 34. Type locality: China: Zhejiang, Iwu Hsian.
- Liosarcophaga (Curranea) iwuensis*: BARTÁK *et al.*, 2019: 47, 51.
- Parasarcophaga iwuensis* [incorrect subsequent spelling of *iwuensis* Ho, 1934]: WEI, 2006: 546; WEI, 2007: 527.
- Parasarcophaga (Curranea) iwuensis*: FAN, 1965: 276; 1992: 709; 2002: 90.
- Parasarcophaga (Liosarcophaga) iwuensis*: VERVES, 1986: 169.
- Parasarcophaga (s. str.): iwuensis*: ROHDENDORF, 1937: 204.
- Parasarcophaga iwuensis*: KANO *et al.*, 1968: 84; 1999: 139; KURAHASHI *et al.*, 2017: 37.
- Pandelleisca iwuensis*: FAN & PAPE, 1996: 253; FENG Y., 2015: 195.
- Sarcophaga (Pandelleisca) iwuensis*: PAPE, 1996: 372.
- Sarcophaga iwuensis*: HO, 1936: 265; LIN & CHEN, 1999: 117; SENIOR-WHITE *et al.*, 1940: 271; SUGIYAMA *et al.* 1987: 72; XIAO, 2010: 464.
- Parasarcophaga iwuensis* [incorrect subsequent spelling of *iwuensis* Ho, 1934]: WEI L., 2006: 346; 2007: 2007: 527.
- Pandelleisca iwuensis* ZHANG B. *et al.*, 2010: 359.
- Pa: China: Jiangsu (FAN, 1992), Sichuan (FAN, 1992; FENG Y., 2015); Or: China: Fujian (FAN, 1992; KANO *et al.*, 1999), Guangdong (FAN, 2002; KANO *et al.*, 1999; ZHANG B. *et al.*, 2010), Guangxi (FAN, 1992; KANO *et al.*, 1999), Guizhou (KANO *et al.*, 1999; WEI, 2006, 2007), Hainan (HO, 1936; KANO *et al.*, 1999; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968), Hunan (FAN, 1992; KANO *et al.*, 1999), Yunnan (FAN, 1992; KANO *et al.*, 1999), Zhejiang (FAN, 1992; HO, 1934b; KANO *et al.*, 1999); Taiwan (BARTÁK *et al.*, 2019; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.* 1987; XIAO, 2010).
- (250) *Liosarcophaga (Curranea) yunnanensis* (FAN, 1965)
- Parasarcophaga (Curranea) yunnanensis* FAN, 1964: 308, 317. Type locality: China: Yunnan, Shishong-Baanna, Men-ah.
- Parasarcophaga (Curranea) yunnanensis*: FAN, 1965: 276; 1992: 708.
- Parasarcophaga yunnanensis*: KANO *et al.*, 1999: 141.
- Liosarcophaga (Curranea) yunnanensis*: BARTÁK *et al.*, 2019: 47.
- Liosarcophaga (s. str.) yunnanensis*: XUE W. *et al.*, 2016: 557.
- Pandelleisca yunnanensis*: FAN & PAPE, 1996: 252.
- Sarcophaga (Pandelleisca) yunnanensis*: PAPE, 1996: 373.
- Or: China: Guangxi (XUE W. *et al.*, 2016), Yunnan (FAN, 1964, 1992; KANO *et al.*, 1999).
- 83.2. Subgenus *Jantiella* Rohdendorf, 1937.
- Jantiella* Rohdendorf, 1937: 196, 233 [as subgenus of *Parasarcophaga* Johnston et Tiegs, 1921]. Type species: *Parasarcophaga (Jantiella) djakonovi* Rohdendorf, 1937.
- Parasarcophaga (Jantiella)*: VERVES, 1986: 175.
- Robineauella (Jantiella)*: ROHDENDORF, 1965: 689, 694.
- Jantiella*: LEHRER, 2008d: 7.
- (251) *Liosarcophaga (Jantiella) coei* (Rohdendorf, 1966).
- Robineauella (Jantiella) coei* Rohdendorf, 1966: 458. Type locality: Nepal: Taplejung District, Sangu.
- Liosarcophaga (Jantiella) coei*: BARTÁK *et al.*, 2019: 47, 51.
- Parasarcophaga (Robineauella) coei*: VERVES, 1986: 175.
- Robineauella coei*: FAN & PAPE, 1996: 255; FENG Y., 2015: 195; FENG Y. *et al.*, 2016: 371.
- Jantiella coei*: LEHRER, 2008d: 10.
- Sarcophaga (Robineauella) coei*: PAPE, 1996: 384; SONG *et al.*, 2008: 298.
- Sarcophaga doleschalli* [misidentification: not *Sarcophaga doleschalli* Johnston & Tiegs, 1921]: SENIOR-WHITE *et al.*, 1940: 213, 231.
- China: Pa: Gansu (FAN, 1992), Sichuan (FAN, 1992; FENG Y., 2015; FENG Y. *et al.*, 2016).

(252) *Liosarcophaga (Jantiella) javana* (Macquart, 1851).

Sarcophaga javana Macquart, 1851: 205. Type locality: Indonesia: Java.

Sarcophaga javana: HO, 1938: 115.

Liosarcophaga (Jantiella) javana: BARTÁK *et al.*, 2019: 47; VERVES, 2001: 241b.

Robineauella javana: ZHANG B. *et al.*, 2010: 360.

Parasarcophaga javana: KANO *et al.*, 1999: 139.

Sarcophaga (Robineauella) javana: PAPE, 1996: 385.

Sarcophaga aurifrons Doleschall, 1858: 109 [junior homonym of *Sarcophaga aurifrons* Macquart, 1846; Diptera: Sarcophagidae]. Type-locality: Indonesia: Maluku, Ambon I.

Sarcophaga doleschalli Johnston et Tiegs, 1921: 73 [new replacement name for *Sarcophaga aurifrons* Doleschall, 1858].

Sarcophaga doleschalli: HO, 1938: 115.

Jantiella doleschalli: LEHRER, 2008d: 10.

Parasarcophaga (Jantiella) doleschalli: FAN, 1992: 701.

Parasarcophaga doleschalli: FENG Y., 2011: 548.

Robineauella doleschalli: FAN & PAPE, 1996: 255.

Jantiella bentenia LEHRER, 2008d: 11, syn. nov. Type-locality not given.

Comment: The description of *Jantiella bentenia* is based on drawings of male genitalia of *Parasarcophaga (Jantiella) doleschalli* after FAN, 1992 (p. 640, fig. 1376) only. The differences in drawings of FAN and other authors (JOHNSTON & TIEGS, 1921 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Pa: China: Sichuan (FAN, 1992; FENG Y., 2011); Or: China: Guangdong (ZHANG B. *et al.*, 2010), Guangxi (FAN, 1992; KANO *et al.*, 1999), Hainan (ZHANG B. *et al.*, 2010).

83.3. Subgenus *Kanoisca* Rohdendorf, 1965

Kanoisca Rohdendorf, 1965: 689, 693, as subgenus of *Parasarcophaga* Johnston & Tiegs, 1921. Type species: *Sarcophaga kanoi* Park, 1962.

Parasarcophaga (Kanoisca): VERVES, 1986: 165.

(253) *Liosarcophaga (Kanoisca) kanoi* (Park, 1962)

Sarcophaga kanoi Park, 1962: 6. Type locality: South Korea: Taegu, Mt. Pal-gong.

Liosarcophaga (Kanoisca) kanoi: VERVES & KHROKALO, 2006b: 164.

Parasarcophaga (Kanoisca) kanoi: FAN, 1992: 711; ROHDENDORF, 1965: 693; VERVES, 1986: 165. WEI & YANG, 2007: 527; ZHANG G. & ZHANG Z., 2010: 294.

Kanoisca kanoi: LEHRER & WEI, 2011c: 13.

Parasarcophaga (Liosarcophaga) kanoi: FAN, 1965: 285.

Parasarcophaga kanoi: CHEN X. *et al.*, 2013: 51; FENG S. *et al.*, 2012: 143; FENG Y., 2011: 548; ZHANG G. *et al.*, 2010: 989.

Pandelleisca kanoi: FENG Y., 2015: 195; FENG Y. *et al.*, 2016: 371; JI *et al.*, 2011: 478; WU W. *et al.*, 2014: 1564.

Sarcophaga (Liosarcophaga) kanoi: PAPE, 1996: 353.

Parasarcophaga (Liosarcophaga) tsushimae [misidentification: not *Sarcophaga tsushimae* Senior White, 1924]: ROHDENDORF, 1937: 209.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Gansu, Hebei), Heilongjiang, Henan, Hubei, Jiangsu (FAN, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Neimenggu, Ningxia, Shaanxi, Shandong (FAN, 1992), Shanghai (FAN, 1965, 1992; JI *et al.*, 2011), Sichuan (FAN, 1992; FENG Y., 2011, 2015; FENG Y. *et al.*, 2016); Or: China: Guizhou (FAN, 1992; LEHRER & WEI, 2011c; WEI & YANG, 2007), Hunan (FAN, 1992), Zhejiang (FAN, 1992; WU W. *et al.*, 2014).

83.4. Subgenus *Liosarcophaga* s. str.

Parasarcophaga (Liosarcophaga): VERVES, 1986: 166.

Liosarcophaga (s. str.): VERVES, 1990: 605.

(2534) *Liosarcophaga* (s. str.) *angarosinica* (Rohdendorf, 1937)

Parasarcophaga (Liosarcophaga) angarosinica Rohdendorf, 1937: 194, 210. Type locality: Russia: Irkutsk Region, Khariuzovka near Balagansk.

Parasarcophaga (Liosarcophaga) angarosinica: CHEN L. & ZHU, 2014: 24; FAN, 1965: 287; 1992: 717; VERVES, 1986: 166.

Liosarcophaga (s. str.) *angarosinica*: VERVES, 1990: 607; VERVES & KHROKALO, 2006b: 166.

Liosarcophaga angarosinica: FAN & PAPE, 1996: 252.

Sarcophaga (Liosarcophaga) angarosinica: PAPE, 1996.

Pa: China: Beijing (CHEN L. & ZHU, 2014), Hebei, Heilongjiang, Henan, Jiangsu, Jilin, Liaoning, Neimenggu, Ningxia, Qinghai, Shaanxi, Shandong (FAN, 1992).

(255) *Liosarcophaga* (s. str.) *dux* (Thomson, 1869)

Sarcophaga dux Thomson, 1869: 534. Type locality: USA: Hawaii, Oahu I., Honolulu.

Liosarcophaga (s. str.) *dux*: BARTÁK *et al.*, 2019: 47, 49; VERVES *et al.*, 2017: 79.

Liosarcophaga dux: FAN & PAPE, 1996: 252; JI *et al.*, 2011: 478; JIA *et al.*, 2010: 442; WU W. *et al.*, 2014: 1564; ZHANG B. *et al.*, 2010: 358.

Parasarcophaga (Liosarcophaga) dux: CHEN L. & ZHU, 2014: 24; CHEN X. *et al.*, 2013: 51.; FAN, 1992: 703; LI M. *et al.*, 2014: 550; MA G. *et al.*, 2014: 449; VERVES, 1986: 166; ZHANG G. & ZHANG Z., 2010: 294; ZHANG Q. *et al.*, 2014: 342.

Parasarcophaga dux: GUO *et al.* 2010a: 451; 2010b: 217; 2011: 1534; 2012: 51; KURAHASHI *et al.*, 2017: 37; LIU J. *et al.*, 2012: 49; LIU Y. *et al.*, 2011: 325; PAI *et al.*, 2014: 209; SHI Y. *et al.*, 2009: 425; WU R. *et al.*, 2014: 514; ZHANG G. *et al.*, 2010: 989.

Sarcophaga (Liosarcophaga) dux: PAPE, 1996: 350.

Sarcophaga dux: HO, 1938: 115; JIANG Y. *et al.*, 2011: 191; LIN & CHEN, 1999: 117; REN *et al.*, 2018: 18; SENIOR-WHITE, 1924: 248; SENIOR-WHITE *et al.*, 1940: 215, 266; SHI C. *et al.*, 2015: 1; SHIMADA *et al.* 1961: 33; SUGIYAMA *et al.* 1987: 68; ZWALUWENBURG, 1943: 300; XIAO, 2010: 464.

Sarcophaga misera [misidentification: not *Sarcophaga misera* Walker, 1849]: HO, 1934b: 32; 1936: 264; SÉGUY, 1941a: 121.

Parasarcophaga (Liosarcophaga) misera: ROHDENDORF, 1937: 195, 223.

Parasarcophaga misera: FENG S. *et al.*, 2012: 143.

Sarcophaga exuberans [misidentification: not *Sarcophaga exuberans* Pandellé, 1896]: ROHDENDORF, 1930b: 315.

Parasarcophaga exuberans: YADONG *et al.*, 2010: 217.

Parasarcophaga (Liosarcophaga) exuberans: ROHDENDORF, 1937: 196, 215; VERVES, 1986: 167.

Parasarcophaga (Liosarcophaga) misera exuberans: FAN, 1965: 270.

Pa: China: Anhui (FAN, 1992), Beijing (CHEN L. & ZHU, 2014), Chongqing (FENG S. *et al.*, 2012), Gansu, Hebei, Heilongjiang (FAN, 1992), Henan (FAN, 1992; LIU J. *et al.*, 2012), Hubei, Jiangsu (FAN, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Neimenggu (FAN, 1992), Ningxia (FAN, 1992; SHI C. *et al.*, 2015), Qinghai (FAN, 1992; GUO *et al.*, 2010), Shaanxi (FAN, 1992), Shandong (CHOU, 1963; FAN, 1992), Shanghai (FAN, 1992; Ji *et al.*, 2011), Shanxi (FAN, 1965; GUO *et al.*, 2010a, b; LI M. *et al.*, 2014; MA G. *et al.*, 2014), Sichuan (FAN, 1992), Xinjiang (FAN, 1992; GUO *et al.*, 2010a, b); Or: China: Fujian (FAN, 1992; HSIEN, 1958; WU R. *et al.*, 2014), Guangdong (FAN, 1992; SHI Y. *et al.*, 2009; ZHANG B. *et al.*, 2010), Guangxi, Guizhou (FAN, 1992), Hainan (FAN, 1992; GUO *et al.*, 2010a, b; HO, 1936; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Hunan (CAI *et al.*, 2013; FAN, 1992; GUO *et al.*, 2010a, b; JIANG Y. *et al.*, 2011), Jiangxi, Yunnan (FAN, 1992), Zhejiang (FAN, 1992; HO, 1934b; WU W. *et al.*, 2014; ZHANG Q. *et al.*, 2014); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.* 1987; XIAO, 2010).

(256) *Liosarcophaga (s. str.) emdeni* (Rohdendorf, 1969)

Parasarcophaga (Liosarcophaga) emdeni Rohdendorf, 1969: 946 [new name for *Parasarcophaga (Liosarcophaga) teretirostris* sensu Rohdendorf, 1937]. Type locality not given.

Liosarcophaga (s. str.) emdeni: VERVES, 1990: 606; VERVES *et al.*, 2017: 79.

Parasarcophaga (Liosarcophaga) emdeni: VERVES, 1986: 166.

Parasarcophaga (Apicomplexa) emdeni: FAN, 1992: 716.

Sarcophaga (Liosarcophaga) emdeni: PAPE, 1996: 351.

Parasarcophaga (Liosarcophaga) teretirostris [misidentification: not *Sarcophaga teretirostris* Pandellé, 1896]: ROHDENDORF, 1937: 194, 205.

Pa: China: Xinjiang (FAN, 1992).

(257) *Liosarcophaga (s. str.) fedtshenkoi* (Rohdendorf, 1969)

Parasarcophaga (Liosarcophaga) fedtshenkoi Rohdendorf, 1969: 943. Type locality: Tajikistan: Kyrchyn near Kalanliabob.

Liosarcophaga (s. str.) fedtshenkoi: VERVES, 1990: 606; VERVES *et al.*, 2017: 79.

Parasarcophaga (Liosarcophaga) fedtshenkoi: FAN, 1992: 717; ROHDENDORF & VERVES, 1978: 256; VERVES, 1986: 167.

Sarcophaga (Liosarcophaga) feralis Pape, 1996: 58, 351 [unnecessary new replacement name for *Parasarcophaga (Liosarcophaga) fedtshenkoi* Rohdendorf, 1969].

Pa: China: Jilin, Liaoning (FAN, 1992), Neimenggu (VERVES, 1990).

(2578) *Liosarcophaga (s. str.) fimbriicauda* Xue, Verves & Du, 2016

Liosarcophaga (s. str.) fimbriicauda Xue W. *et al.*, 2016: 557. Type locality: China: Yunnan, Mt Meili.

Or: China: Yunnan (Xue W. *et al.*, 2016).

(259) *Liosarcophaga (s. str.) harpax* (Pandellé, 1896)

Sarcophaga harpax Pandellé, 1896: 189. Type locality: Russia: Kaliningrad region, Sosnovka [as "Prusse orientale"].

Liosarcophaga (s. str.) harpax: BARTÁK *et al.*, 2019: 47, 51; VERVES, 1990: 606; VERVES & KHROKALO, 2006b: 164.

Parasarcophaga (Liosarcophaga) harpax: CHEN L. & ZHU, 2014: 24; FAN, 1965: 288; 1992: 715. MA G. *et al.*, 2014: 449; ROHDENDORF, 1937: 195, 227; ROHDENDORF & VERVES, 1978: 256; VERVES, 1986: 167.

Parasarcophaga harpax: CHEN X. *et al.*, 2013: 51; FENG Y., 2011: 548; WANG Y. *et al.*, 2009: 400; ZHANG G. *et al.*, 2010: 989; ZHAO & ZHU, 1983: 42.

Sarcophaga (Liosarcophaga) harpax: PAPE, 1996: 352.

Sarcophaga dux var. *harpax*: SENIOR-WHITE *et al.*, 1940: 215, 267.

Sarcophaga misera var. *harpax*: SÉGUY, 1941a: 122.

Pa: China: Beijing (CHEN L. & ZHU, 2014), Gansu (FAN, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1965, 1992), Neimenggu (VERVES, 1990), Ningxia, Shaanxi, Shandong (FAN, 1992), Shanxi (FAN, 1992; MA G. *et al.*, 2014; WANG Y. *et al.*, 2009), Sichuan (Feng, 2011), Xinjiang (FAN, 1992).

(260) *Liosarcophaga (s. str.) hinglungensis* (Fan, 1964)

Parasarcophaga (Curraea) hinglungensis Fan, 1964: 307, 317. Type locality: China: Hainan, Hinglung.

Liosarcophaga (s. str.) hinglungensis: BARTÁK *et al.*, 2019: 47.

Liosarcophaga hinglungensis: ZHANG B. *et al.*, 2010: 359.

Parasarcophaga (Liosarcophaga) hinglungensis: VERVES, 1986: 167.

Parasarcophaga (Curraea) hinglungensis: FAN, 1965: 276; 1992: 709.

Sarcophaga (Liosarcophaga) hinglungensis: PAPE, 1996: 352.

Pa: China: Hubei (FAN, 1964, 1992); Or: China: Guangdong (ZHANG B. *et al.*, 2010), Hainan (FAN, 1964; ZHANG B. *et al.*, 2010), Zhejiang (PAPE, 1996).

(261) *Liosarcophaga (s. str.) idmais* (Séguy, 1934)

Sarcophaga idmais Séguy, 1934: 24. Type locality: China: Jiangxi, Mt Luchan, Koulung.

Liosarcophaga (s. str.) idmais: BARTÁK *et al.*, 2019: 47.

Liosarcophaga idmais: LEHRER 1997: 20; ZHANG B. *et al.*, 2010: 359.

Parasarcophaga (Liosarcophaga) idmais: FAN, 1965: 289; 1992: 715.

Parasarcophaga idmais: KURAHASHI *et al.*, 2017: 37.

Sarcophaga (Liosarcophaga) idmais: PAPE, 1996: 362.

Sarcophaga idmais: LIN & CHEN, 1999: 117; SUGIYAMA *et al.* 1987: 71; XIAO, 2010: 464.

Sarcophaga misera var. *idmais*: SÉGUY, 1941a: 124.

Pa: China: Henan, Jiangsu, Ningxia, Shaanxi, Shanghai, Sichuan, Tianjin; Tibet [=Xizang] (FAN, 1965, 1992); Or: China: Guangdong (ZHANG B. *et al.*, 2010), Guangxi, Hunan, Jiangxi, Zhejiang (FAN, 1965, 1992); Taiwan (KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.* 1987; XIAO, 2010).

(262) *Liosarcophaga (s. str.) jacobsoni* (Rohdendorf, 1937)

Parasarcophaga (Liosarcophaga) jacobsoni Rohdendorf, 1937: 196, 220. Type locality: Ukraine: Kherson region, Pokrovka [=Novopokrivka] village.

- Liosarcophaga* (s. str.) *jacobsoni*: VERVES, 1990: 605; VERVES & KHROKALO, 2006b: 164; VERVES *et al.*, 2017: 79.
- Liosarcophaga jacobsoni*: FAN & PAPE, 1996: 252.
- Parasarcophaga* (*Liosarcophaga*) *jacobsoni*: CHEN L. & ZHU, 2014: 24; FAN, 1965: 272; 1992: 706; ROHDENDORF & VERVES, 1978: 256; VERVES, 1986: 187; ZHANG G. & ZHANG Z., 2010: 294.
- Parasarcophaga jacobsoni*: CHAO C. & ZHANG, 1982: 227; WANG Y. *et al.*, 2012: 233; ZHANG G. *et al.*, 2010: 989.
- Sarcophaga* (*Liosarcophaga*) *jacobsoni*: PAPE, 1996: 352.
- Pa: China: Beijing (CHEN L. & ZHU, 2014), Gansu (FAN, 1992; WANG Y. *et al.*, 2012), Hebei, Heilongjiang (FAN, 1965, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning, Neimenggu, Ningxia (FAN, 1965, 1992), Qinghai (CHAO *et al.* ZHANG, 1982), Shaanxi, Shandong, Shanxi, Sichuan, Xinjiang (FAN, 1965, 1992); Tibet [=Xizang] (CHAO & ZHANG, 1982; FAN, 1965, 1992; ROHDENDORF, 1937).
- (263) *Liosarcophaga* (s. str.) *jaroshevskyi* (Rohdendorf, 1937)
- Parasarcophaga* (*Liosarcophaga*) *jaroshevskyi* Rohdendorf, 1937: 195, 231. Type locality: Russia: Primorie, environs of Spassk, lakovlevka village.
- Liosarcophaga* (s. str.) *jaroshevskyi*: VERVES, 1990: 607; VERVES & KHROKALO, 2006b: 167.
- Liosarcophaga jaroshevskyi*: FAN & PAPE, 1996: 252.
- Parasarcophaga* (*Liosarcophaga*) *jaroshevskyi*: CHEN L. & ZHU, 2014: 24; FAN, 1965: 289; 1992: 715; LI M. *et al.*, 2014: 550; MA G. *et al.*, 2014: 449; VERVES, 1986: 167; ZHANG G. & ZHANG Z., 2010: 294.
- Parasarcophaga jaroshevskyi*: CHAO & ZHANG, 1982: 227; CHEN X. *et al.*, 2013: 51.
- Sarcophaga* (*Liosarcophaga*) *jaroshevskyi*: PAPE, 1996: 353.
- Sarcophaga jaroshevskyi*: CHOU, 1963: 233.
- Pa: China: Beijing (CHEN L. & ZHU, 2014), Hebei, Heilongjiang, Henan (FAN, 1965, 1992), Jilin (FAN, 1992; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Neimenggu, Ningxia, Shaanxi (FAN, 1965, 1992), Shandong (CHOU, 1963), Shanxi (FAN, 1965, 1992; LI M. *et al.*, 2014; MA G. *et al.*, 2014); Tibet [=Xizang] (CHAO & ZHANG, 1982; FAN, 1992).
- (264) *Liosarcophaga* (s. str.) *kirgizica* (Rohdendorf, 1969)
- Parasarcophaga* (*Liosarcophaga*) *kirgizica* Rohdendorf, 1969: 944. Type locality: Kyrgyzstan: environs of Przhivalsk [= Karakol], Djety-Oguz.
- Liosarcophaga* (s. str.) *kirgizica*: VERVES, 1990: 606.
- Parasarcophaga* (*Liosarcophaga*) *kirgizica*: VERVES, 1986: 167.
- Parasarcophaga* (*Apicomplexa*) *kirgizica*: CHEN L. *et al.*, 2015: 323; FAN, 1992: 701.
- Sarcophaga* (*Liosarcophaga*) *kirgizica*: PAPE, 1996: 353.
- Pa: China: Xinjiang (CHEN L. *et al.*, 2015; FAN, 1992).
- (265) *Liosarcophaga* (s. str.) *kitaharai* (Miyazaki, 1958)
- Sarcophaga kitaharai* Miyazaki, 1958: 143. Type locality: Japan: Kyushu, Miyazaki Prefecture, Hyuga.
- Liosarcophaga kitaharai*: FAN & PAPE, 1996: 252.
- Parasarcophaga* (*Liosarcophaga*) *kitaharai*: FAN, 1992: 713; VERVES, 1986: 167; ZHANG G. & ZHANG Z., 2010: 294.
- Sarcophaga* (*Liosarcophaga*) *kitaharai*: PAPE, 1996: 58, 354.
- Parasarcophaga* (*Liosarcophaga*) *apiciscissa* Fan, 1964: 310, 317. Type locality: China: Shanghai.
- Parasarcophaga* (*Liosarcophaga*) *apiciscissa*: FAN, 1965: 286.
- Pa: China: Jilin (ZHANG G. & ZHANG Z., 2010), Shanghai (FAN, 1964); Or: China: Guizhou (FAN, 1992).
- (266) *Liosarcophaga* (s. str.) *kobayashii* (Hori, 1954)
- Sarcophaga kobayashii* Hori, 1954: 296. Type locality: Japan: Honshu, Ishikawa Prefecture, Mt Shiritaka.
- Liosarcophaga* (s. str.) *kobayashii*: VERVES & KHROKALO, 2006b: 167.
- Parasarcophaga* (*Liosarcophaga*) *kobayashii*: FAN, 1992: 713; VERVES, 1986: 168.
- Sarcophaga* (*Liosarcophaga*) *kobayashii*: PAPE, 1996: 354.
- Pa: China: Liaoning, Ningxia (FAN, 2002).
- (267) *Liosarcophaga* (s. str.) *kohla* (Johnson & Hardy, 1923)
- Sarcophaga kohla* Johnson & Hardy, 1923: 113. Type locality: Australia: Queensland, Brisbane.
- Liosarcophaga* (s. str.) *kohla* BARTÁK *et al.*, 2019: 47, 49.
- Sarcophaga* (*Liosarcophaga*) *kohla*: PAPE, 1996: 353.
- Sarcophaga brevicornis* Ho, 1934a: 23. Type locality: China: Beijing.
- Liosarcophaga* (s. str.) *brevicornis*: VERVES & KHROKALO, 2006b: 167.
- Liosarcophaga brevicornis*: FAN & PAPE, 1996: 252. JI *et al.*, 2011: 478; WU W. *et al.*, 2014: 1564; ZHANG B. *et al.*, 2010: 358
- Parasarcophaga* (*Liosarcophaga*) *brevicornis*: CHEN L. & ZHU, 2014: 24; FAN, 1965: 270; 2002: 88, 90; ROHDENDORF, 1937: 194, 222; VERVES, 1986: 166; ZHANG Q. *et al.* 2014: 342.
- Parasarcophaga brevicornis*: CHEN X. *et al.*, 2013: 51; FENG S. *et al.*, 2012: 143; KANO *et al.*, 1968: 83; 1999: 138; KURAHASHI *et al.*, 2017: 37; LIU Y. *et al.*, 2011: 325; WANG Y. *et al.*, 2012: 233; WU R. *et al.*, 2014: 514.
- Sarcophaga* (*Liosarcophaga*) *brevicornis*: PAPE, 1996: 350.
- Sarcophaga brevicornis*: HO, 1934b: 33; 1936: 264; LIN & CHEN, 1999: 117; SENIOR-WHITE *et al.*, 1940: 214, 262; SUGIYAMA *et al.* 1987: 65; XIAO, 2010: 464.
- Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1965, 1992; KANO *et al.*, 1999), Chongqing (FENG S. *et al.*, 2012), Gansu (WANG Y. *et al.*, 2012), Hebei, Henan, Hubei (FAN, 1965, 1992), Jiangsu (FAN, 1992; HO, 1934b; KANO *et al.*, 1999), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992; KANO *et al.*, 1999), Shandong (FAN, 1992; KANO *et al.*, 1999), Shanghai (FAN, 1965; JI *et al.*, 2011), Sichuan (FAN, 1992; KANO *et al.*, 1999); Or: China: Fujian (HSIEN, 1958; KANO *et al.*, 1999; WU R. *et al.*, 2014), Guangdong (FAN, 1992, 2002; KANO *et al.*, 1999; LIU Y. *et al.*, 2011; ZHANG B. *et al.*, 2010), Guangxi, Guizhou (FAN, 1992; KANO *et al.*, 1999), Hainan (HO, 1936; KANO *et al.*, 1999; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968), Yunnan (FAN, 1965, 1992), Zhejiang (FAN, 1992; HO, 1934b; KANO *et al.*, 1999; WU W. *et al.*, 2014; ZHANG Q. *et al.*, 2014); Taiwan (BARTÁK *et al.*, 2019; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).
- (268) *Liosarcophaga* (s. str.) *liui* (Ye & Zhang, 1989)
- Parasarcophaga liui* Ye Z. & Zhang, 1989: 355, 357. Type locality: China: Hunan, Yuanjiang, Lu-Hu, 29°1'N, 112°7'E.
- Liosarcophaga liui*: FAN & PAPE, 1996: 252.

- Sarcophaga (Liosarcophaga) liui*: PAPE, 1996: 354.
Or: China: Hunan (YE & ZHANG, 1989).
- (269) *Liosarcophaga* (s. str.) *liukuensis* (Fan, 1964)
Parasarcophaga (Liosarcophaga) tuberosa liukuensis FAN, 1964: 311, 318. Type locality: Japan: Ryukyu Is., Naha.
- Liosarcophaga liukuensis*: FAN & PAPE, 1996: 252; JI *et al.*, 2011: 478.
Parasarcophaga (Liosarcophaga) tuberosa liukuensis: FAN, 1965: 287.
- Parasarcophaga (Liosarcophaga) liukuensis*: VERVES, 1986: 168.
Sarcophaga (Liosarcophaga) liukuensis: PAPE, 1996: 354.
Pa: China: Shanghai (JI *et al.*, 2011); Or: China: Guizhou, Yunnan (FAN, 1964).
- (270) *Liosarcophaga* (s. str.) *mazuella* Lehrer & Wei, 2011.
Liosarcophaga (s. str.) *mazuella* Lehrer & Wei, 2011c: 9. Type locality: China: Guizhou, "S005".
Or: China: Guizhou (LEHRER & WEI, 2011c).
- (271) *Liosarcophaga* (s. str.) *nanpingensis* (Ye, 1980)
Parasarcophaga nanpingensis Ye, 1980b: 288. Type locality: China: Sichuan, Nanping.
Parasarcophaga (Liosarcophaga) nanpingensis: FAN, 1992: 716; VERVES, 1986: 168.
Liosarcophaga nanpingensis: FAN & PAPE, 1996: 252.
Sarcophaga (Liosarcophaga) nanpingensis: PAPE, 1996: 355.
Pa: China: Sichuan (YE, 1980b).
- (272) *Liosarcophaga* (s. str.) *parkeri* (Rohdendorf, 1937)
Parasarcophaga (Liosarcophaga) parkeri Rohdendorf, 1937: 196, 217. Type locality: Ukraine: South shore of Crimea.
Liosarcophaga (s. str.) *parkeri*: BARTÁK *et al.*, 2019: 47.
Sarcophaga (Liosarcophaga) parkeri: PAPE, 1996: 349.
Parasarcophaga (Liosarcophaga) aegyptica [misidentification; not *Sarcophaga aegyptica* Salem, 1935]: ROHDENDORF, 1963: 9; CHEN L. *et al.*, 2015: 323; FAN, 1965: 270; 1992: 705; VERVES, 1986: 166.
Parasarcophaga aegyptica [misidentification; not *Sarcophaga aegyptica* Salem, 1935]: WANG Y. *et al.*, 2012: 233.
Liosarcophaga (s. str.) *aegyptica* [misidentification; not *Sarcophaga aegyptica* Salem, 1935]: VERVES, 1990: 605.
Liosarcophaga aegyptica [misidentification; not *Sarcophaga aegyptica* Salem, 1935]: FAN & PAPE, 1996: 251.
Sarcophaga (Liosarcophaga) aegyptica [misidentification; not *Sarcophaga aegyptica* Salem, 1935]: PAPE, 1996: 349.
Sarcophaga misera var. *aegyptiaca*: SÉGUY, 1941a: 121, fig. 149 (in legend only).
China: Pa: Gansu (FAN, 1965, 1992; WANG Y. *et al.*, 2012), Neimenggu, Ningxia (FAN, 1992), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1965, 1992).
- (273) *Liosarcophaga* (s. str.) *pleskei* (Rohdendorf, 1937)
Parasarcophaga (Liosarcophaga) pleskei Rohdendorf, 1937: 195, 230. Type locality: Kyrgyzstan: Tien Shan, Aral-Tube.
Liosarcophaga (s. str.) *pleskei*: VERVES, 1990: 607; VERVES & KHROKALO, 2006b: 167.
Liosarcophaga pleskei: FAN & PAPE, 1996: 252.
Parasarcophaga (Liosarcophaga) pleskei: FAN, 1965: 289; 1992: 716; VERVES, 1986: 168.
Parasarcophaga pleskei: CHEN X. *et al.*, 2013: 51.
Sarcophaga (Liosarcophaga) pleskei: PAPE, 1996: 356.
China: Pa: Liaoning (CHEN X. *et al.*, 2013), Xinjiang (FAN, 1965, 1992); Or: Yunnan (FAN, 1992).
- (274) *Liosarcophaga* (s. str.) *portschinskyi* (Rohdendorf, 1937)
Parasarcophaga (Liosarcophaga) portschinskyi Rohdendorf, 1937: 195, 226. Type locality: Ukraine: Chernigiv Region, Sosnytsia [as "Sosnytzya"].
Liosarcophaga (s. str.) *portschinskyi*: BARTÁK *et al.*, 2019: 47, 51; VERVES, 1990: 607; VERVES & KHROKALO, 2006b: 167.
Liosarcophaga portschinskyi: FAN & PAPE, 1996: 252; FENG Y., 2015: 194; JI *et al.*, 2011: 478.
Parasarcophaga (Liosarcophaga) portschinskyi: CHEN L. & ZHU, 2014: 24; CHEN L. *et al.*, 2015: 323; FAN, 1965: 291; 1992: 716; LI M. *et al.*, 2014: 550; MA G. *et al.*, 2014: 449; VERVES, 1986: 168; ZHANG G. & ZHANG Z., 2010: 294.
Parasarcophaga portschinskyi: CHAO C. & ZHANG, 1982: 227; CHEN X. *et al.*, 2013: 51. SHI J. *et al.*, 2016: 1910; ZHANG G. *et al.*, 2010: 989.
Sarcophaga (Liosarcophaga) portschinskyi: PAPE, 1996: 356.
Sarcophaga portschinskyi: WANG Q. *et al.*, 2016: 2213.
Pa: China: Beijing (CHEN L. & ZHU, 2014), Gansu, Hebei, Heilongjiang, Henan (FAN, 1965, 1992), Jilin (FAN, 1965, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1965, 1992), Neimenggu, Ningxia (FAN, 1992), Qinghai (CHAO & ZHANG, 1982), Shaanxi, Shandong (FAN, 1965, 1992), Shanghai (FAN, 1965; JI *et al.*, 2011), Shanxi (LI M. *et al.*, 2014; MA G. *et al.*, 2014), Sichuan (FENG Y., 2015), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1992); Tibet [=Xizang] (CHAO & ZHANG, 1982; ROHDENDORF, 1937); Or: China: Yunnan (FAN, 1992).
- (275) *Liosarcophaga* (s. str.) *scopariiformis* (Senior-White, 1927)
Sarcophaga dux var. *scopariiformis* Senior-White, 1927: 82. Type locality: Sri Lanka: Matale, Suduganga.
Liosarcophaga (s. str.) *scopariiformis*: BARTÁK *et al.*, 2019: 47, 49; VERVES 1991: 131.
Liosarcophaga scopariiformis: FAN & PAPE, 1996: 252; ZHANG B. *et al.*, 2010: 359.
Parasarcophaga (Liosarcophaga) scopariiformis: FAN, 2002: 88, 91; ROHDENDORF, 1937: 195, 214; VERVES, 1986: 131.
Parasarcophaga (Curranea) scopariiformis: FAN, 1965: 275; 1992: 711; 2002: 91; YE, 1985: 107.
Parasarcophaga scopariiformis: KANO *et al.*, 1968: 83; KURAHASHI *et al.*, 2017: 37; LIU, Y. *et al.*, 2011: 325.
Sarcophaga (Liosarcophaga) scopariiformis: PAPE, 1996: 358; ZHANG M. & ZHANG, 2013: 84.
Sarcophaga scopariiformis: HO, 1934b: 32; 1936: 212. LIN & CHEN, 1999: 117; SUGIYAMA *et al.*, 1987: 76; XIAO, 2010: 464.
Sarcophaga dux var. *scopariiformis*: SENIOR-WHITE *et al.*, 1940: 215, 269.

- Sarcophaga pingiana* Hsien, 1958: 80. Type locality: China: Fujian, Xiamen [= Amoy].
- Pa: China: Hebei (FAN, 1965, 1992); Or: China: Fujian (HSIEN, 1958), Guangdong (FAN, 1992, 2002; LIU Y. *et al.*, 2011; ZHANG B. *et al.*, 2010), Guangxi (FAN, 1992), Hainan (HO, 1936; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968), Zhejiang (FAN, 1992; HO, 1934b); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).
- (276) *Liosarcophaga* (s. str.) *tuberosa* (Pandellé, 1896)
- Sarcophaga tuberosa* Pandellé, 1896: 192. Type locality: France: Hautes-Pyrénées, Tarbes.
- Liosarcophaga* (s. str.) *tuberosa*: BARTÁK *et al.*, 2019: 47, 49, 51; VERVES, 1990: 606; VERVES & KHROKALO, 2006b: 166; VERVES *et al.*, 2017: 79.
- Liosarcophaga tuberosa*: JI *et al.*, 2011: 478; LEHRER, 2008e: 16. WU W. *et al.*, 2014: 1564.
- Parasarcophaga* (*Liosarcophaga*) *tuberosa*: FAN, 1965: 287; 1992: 715; LI M. *et al.*, 2014: 550; ROHDENDORF, 1937: 195, 223; VERVES, 1986: 169.
- Parasarcophaga tuberosa*: KURAHASHI *et al.*, 2017: 37; ZHANG G. *et al.*, 2010: 989.
- Sarcophaga* (*Liosarcophaga*) *tuberosa*: PAPE, 1996: 359.
- Sarcophaga tuberosa*: BÖTTCHER, 1912b: 735; CHOU, 1963: 233; HO, 1934b: 32; LIN & CHEN, 1999: 117; SUGIYAMA *et al.*, 1987: 80; XIAO, 2010: 464.
- Sarcophaga misera* var. *tuberosa*: SÉGUY, 1941a: 120, 124.
- Pa: China: Hebei, Heilongjiang, Henan, Hubei (FAN, 1965, 1992), Jiangsu (FAN, 1965, 1992; HO, 1934b), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010), Liaoning, Neimenggu, Ningxia, Shaanxi (FAN, 1965, 1992), Shandong (CHOU, 1963), Shanghai (FAN, 1992; JI *et al.*, 2011), Shanxi (FAN, 1965, 19902; LI M. *et al.*, 2014), Sichuan, Xinjiang (FAN, 1965, 1992); Or: China: Guangxi, Guizhou (FAN, 1965, 1992), Zhejiang (WU W. *et al.*, 2014); Taiwan (BARTÁK *et al.*, 2019; BÖTTCHER, 1912b; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).
- 83.5. Subgenus *Pandelleisca* Rohdendorf, 1937
- Pandelleisca* Rohdendorf, 1937: 196 (in key), 238 [as subgenus of *Parasarcophaga* Johnston & Tiegs, 1921]. Type species: *Sarcophaga similis* Meade, 1876.
- Liosarcophaga* (s. str.): VERVES, 1990: 603.
- Parasarcophaga* (*Pandelleisca*): FAN, 1965: 264; ROHDENDORF, 1965: 687, 693; VERVES, 1986: 167.
- Pandelleisca*: FAN & PAPE, 1996: 253.
- Sarcophaga* (*Pandelleisca*): PAPE, 1996: 371.
- (277) *Liosarcophaga* (*Pandelleisca*) *hui* (Ho, 1936), comb. nov.
- Sarcophaga hui* Ho, 1936: 259. Type locality: China: Hainan, Nanting.
- Liosarcophaga* (*Pandelleisca*) *hui*: BARTÁK *et al.*, 2019: 47, 51.
- Pandelleisca hui*: FAN & PAPE, 1996: 253; ZHANG B. *et al.*, 2010: 359.
- Parasarcophaga* (*Pandelleisca*) *hui*: VERVES, 1986: 169; YE, 1985: 107.
- Parasarcophaga* (*Liosarcophaga*) *hui*: FAN, 1965: 285; 1992: 713.
- Sarcophaga* (*Pandelleisca*) *hui*: PAPE, 1996: 372.
- Sarcophaga hui*: SENIOR-WHITE *et al.*, 1940: 214, 260.
- Or: China: Guangxi (FAN, 1965, 1992), Hainan (HO, 1936; ZHANG B. *et al.*, 2010).
- (278) *Liosarcophaga* (*Pandelleisca*) *kawayuensis* (Kano, 1950)
- Sarcophaga kawayuensis*: Kano, 1950: 825. Type locality: Japan: Hokkaido, Kawayu.
- Liosarcophaga* (*Pandelleisca*) *kawayuensis*: VERVES & KHROKALO, 2006b: 163.
- Pandelleisca kawayuensis*: FAN & PAPE, 1996: 253; ZHANG B. *et al.*, 2010: 359.
- Parasarcophaga* (*Pandelleisca*) *kawayuensis*: FAN, 1992: 709; VERVES, 1986: 163.
- Parasarcophaga kawayuensis*: SHI Y. *et al.*, 2009: 425; ZHANG G. *et al.*, 2010: 989.
- Sarcophaga* (*Pandelleisca*) *kawayuensis*: PAPE, 1996: 372.
- Pa: China: Jilin (FAN, 1992; ZHANG G. *et al.*, 2010); Or: China: Guangdong (SHI Y. *et al.*, 2009; ZHANG B. *et al.*, 2010).
- (279) *Liosarcophaga* (*Pandelleisca*) *pingi* (Ho, 1934)
- Sarcophaga pingi* Ho, 1934a: 19. Type locality: China: Beijing.
- Liosarcophaga* (*Pandelleisca*) *pingi*: VERVES & KHROKALO, 2006b: 163.
- Pandelleisca pingi*: FAN & PAPE, 1996: 253; FENG Y., 2015: 195; JI *et al.*, 2011: 478; Wu W. *et al.*, 2014: 1564; ZHANG B. *et al.*, 2010: 359.
- Parasarcophaga* (*Pandelleisca*) *pingi*: CHEN L. & ZHU, 2014: 24; FAN, 1965: 274; 1992: 708; 2002: 88, 90; ROHDENDORF, 1937: 196, 241; VERVES, 1986: 170. WEI, 2007: 527; ZHANG Q. *et al.*, 2014: 342.
- Parasarcophaga pingi*: FENG S. *et al.*, 2012: 143.
- Sarcophaga* (*Pandelleisca*) *pingi*: PAPE, 1996: 372.
- Sarcophaga pingi* Ho, 1934b: 33.
- Pa: China: Anhui (FAN, 1992), Beijing (CHEN L. & ZHU, 2014; HO, 1934), Chongqing (FENG S. *et al.*, 2012), Gansu, Hebei, Henan, Hubei (FAN, 1965, 1992), Jiangsu (FAN, 1965, 1992; HO, 1934b), Jilin, Liaoning, Shaanxi (FAN, 1992), Shanghai (FAN, 1965, 1992; JI *et al.*, 2011), Shanxi (FAN, 1992), Sichuan (FAN, 1992; FENG Y., 2015); Or: China: Fujian (FAN, 1992), Guangdong (FAN, 2002; ZHANG B. *et al.*, 2010), Guangxi (FAN, 1992), Guizhou (Wei, 2007), Hunan, Yunnan (FAN, 1965, 1992), Zhejiang (FAN, 1992; HO, 1934b; WU W. *et al.*, 2014).
- (280) *Liosarcophaga* (*Pandelleisca*) *polystylata* (Ho, 1934)
- Sarcophaga polystylata* Ho, 1934a: 21. Type locality: China: Beijing.
- Liosarcophaga* (*Pandelleisca*) *polystylata*: VERVES, 1990: 603.
- Pandelleisca polystylata*: FAN & PAPE, 1996: 253; ZHANG B. *et al.*, 2010: 359.
- Parasarcophaga* (*Pandelleisca*) *polystylata*: CHEN L. & ZHU, 2014: 24; FAN, 1992: 713; ROHDENDORF, 1937: 196, 240; VERVES, 1986: 170; ZHANG G. & ZHANG Z., 2010: 294.
- Parasarcophaga* (*Liosarcophaga*) *polystylata*: FAN, 1965: 286.
- Parasarcophaga polystylata*: CHEN X. *et al.*, 2013: 51; WEI, 2006: 545.
- Sarcophaga* (*Pandelleisca*) *polystylata*: PAPE, 1996: 373.
- Liosarcophaga* (*Pandelleisca*) *polystylata* [erroneous subsequent spelling of *polystylata*]: VERVES & KHROKALO, 2006b: 163.
- Pa: China: Beijing (CHEN L. & ZHU, 2014; HO, 1934), Gansu, Hebei, Heilongjiang, Henan, Hubei, Jiangsu (FAN, 1992), Jilin (FAN, 1992;

ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Shaanxi, Shandong, Shanxi, Sichuan (FAN, 1965, 1992); Or: China: Fujian (FAN, 1992), Guangdong (ZHANG B. *et al.*, 2010), Guangxi (FAN, 1992), Guizhou (WEI, 2006), Zhejiang (FAN, 1992).

(2810) *Liosarcophaga (Pandelleisca) similis* (Meade, 1876)

Sarcophaga similis Meade, 1876: 268. Type locality: United Kingdom: England.

Liosarcophaga (Pandelleisca) similis: VERVES, 1990: 590, 605; VERVES & KHROKALO, 2006b: 163; VERVES *et al.*, 2017: 79.

Pandelleisca similis: FAN & PAPE, 1996: 253; WU W. *et al.*, 2014: 1564; ZHANG B. *et al.*, 2010: 359.

Parasarcophaga (Pandelleisca) similis: CHEN L. & ZHU, 2014: 25; FAN, 1992: 717; 2002: 88, 91; ROHDENDORF, 1937: 196, 239; VERVES, 1986: 170; YADONG *et al.*, 2010: 217; ZHANG G. & ZHANG Z., 2010: 294; ZHANG Q. *et al.* 2014: 342.

Parasarcophaga (Liosarcophaga) similis: FAN, 1965: 286.

Parasarcophaga similis: CHEN X. *et al.*, 2013: 51; FENG S. *et al.*, 2012: 143; FENG Y., 2011: 548; FENG Y. *et al.*, 1990: 63; GUO *et al.* 2010b: 217; LIU Y. *et al.*, 2011: 325; SHI *et al.*, 2009: 425; WU R. *et al.*, 2014: 514; YAN *et al.*, 2014: 1642; ZHANG G. *et al.*, 2010: 989.

Sarcophaga (Pandelleisca) similis: PAPE, 1996: 373.

Sarcophaga similis: CHOU, 1963: 233; HO, 1934b: 33; 1936: 265; PIWCZYŃSKI *et al.*, 2017: 55, 57; REN *et al.*, 2018: 19; SENIOR-WHITE *et al.*, 1940: 214, 261.

Pandelleisca similes: JI *et al.*, 2011: 478 [erroneous subsequent spelling of *similis*].

Pa: China: Beijing (CHEN L. & ZHU, 2014), Chongqing (FENG S. *et al.*, 2012), Gansu, Hebei, Heilongjiang, Henan, Hubei, Jiangsu (FAN, 1965, 1992), Jilin (FAN, 1965, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Neimenggu, Ningxia, Shaanxi (FAN, 1992), Shandong (FAN, 1992; GUO *et al.*, 2010a), Shanghai (FAN, 1965, 1992; JI *et al.*, 2011), Shanxi, Sichuan (FAN, 1992); Or: China: Fujian (FAN, 1992; WU R. *et al.*, 2014), Guangdong (FAN, 1992, 2002; LIU Y. *et al.*, 2011; SHI *et al.*, 2009; ZHANG B. *et al.*, 2010), Guangxi, Guizhou (FAN, 1992), Hainan (HO, 1936; SENIOR-WHITE *et al.*, 1940; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968), Hunan (FAN, 1992; GUO *et al.*, 2010a), Jiangxi, Yunnan (FAN, 1992), Zhejiang (FAN, 1992; HO, 1934b; WU W. *et al.*, 2014; ZHANG Q. *et al.*, 2014).

(282) *Liosarcophaga (Pandelleisca) tristylata* (Böttcher, 1912)

Sarcophaga tristylata Böttcher, 1912a: 167. Type locality: Taiwan: Dafulin [as "Taihorinsho"].

Liosarcophaga (Pandelleisca) tristylata: BARTÁK *et al.*, 2019: 47, 51.

Parasarcophaga tristylata: KURAHASHI *et al.*, 2017: 37.

Pandelleisca tristylata: FAN & PAPE, 1996: 253.

Sarcophaga (Pandelleisca) tristylata: PAPE, 1996: 373.

Sarcophaga tristylata: LIN & CHEN, 1999: 117; SENIOR-WHITE *et al.*, 1940: 214, 254; SHIMADA *et al.*, 1961: 34; SUGIYAMA *et al.*, 1987: 79; XIAO, 2010: 464.

Or: Taiwan (BARTÁK *et al.*, 2019; BÖTTCHER, 1912a; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

84. Genus *Maginicauda* Wei, 2005

Maginicauda Wei, 2005: 405, 408. Type species: *Maginicauda linjiangensis* Wei, 2005.

(283) *Maginicauda linjiangensis* Wei, 2005

Maginicauda linjiangensis Wei, 2005: 405, 409. Type locality: China: Guizhou, Xishui County, Linjing National Nature [as "Nate"] Reserve.

Or: China: Guizhou (WEI, 2005).

85. Genus *Parasarcophaga* Johnston & Tieggs, 1921

Parasarcophaga Johnston & Tieggs, 1921: 86 [as subgenus of *Sarcophaga* Meigen, 1826]. Type species: *Sarcophaga omega* Johnston et Tieggs, 1921 (= *Sarcophaga taenionota* Wiedemann, 1819).

Parasarcophaga: FAN, 1965: 262; 1992: 642, 699; 2002: 82, 97; ROHDENDORF, 1937: 191, 198; 1965: 686, 693; VERVES, 1986: 163; VERVES & KHROKALO, 2006b: 77, 167.

Sarcophaga (Parasarcophaga): PAPE, 1996: 374.

85.1. Subgenus *Parasarcophaga* s. str.

(284) *Parasarcophaga* (s. str.) *abaensis* Feng & Qiao, 2003

Parasarcophaga abaensis Feng Y. & Qiao, 2003: 267, 270. Type locality: China: Sichuan, Maoxian County, Zhongxincun, 31°42'N, 103°52'E.

Sarcophaga (Parasarcophaga) abaensis: ZHANG X. *et al.*, 2013: 13.

Pa: China: Sichuan (FENG Y. & QIAO, 2003); Or: China: Yunnan (ZHANG X. *et al.*, 2013).

(285) *Parasarcophaga* (s. str.) *albiceps* (Meigen, 1826)

Sarcophaga albiceps Meigen, 1826: 22. Type locality: Europe, probably Germany.

Parasarcophaga (s. str.) *albiceps*: CHEN L. & ZHU, 2014: 24; FAN, 1965: 273; 1992: 706; 2002: 89; ROHDENDORF, 1937: 193, 199; 1964: 81; VERVES, 1986: 170; 1990: 610; VERVES & KHROKALO, 2006b: 169; ZHANG G. & ZHANG Z., 2010: 294; ZHANG Q. *et al.*, 2014: 342.

Parasarcophaga albiceps: CHAO C. & ZHANG, 1982.: 227. CHEN X. *et al.*, 2013: 51; FAN & PAPE, 1996: 254; FENG S. *et al.*, 2012: 143; FENG Y., 1989: 255; 2006: 495; 2011: 548; 2015: 195; GUO *et al.* 2010a: 451; 2010b: 217; 2011: 1534; JI *et al.*, 2011: 478; KANO *et al.*, 1999: 137; KANO *et al.*, 1968: 83; KURAHASHI *et al.*, 2017: 37; LIU *et al.*, 2011: 49; SHI *et al.*, 2009: 425; WANG J. *et al.*, 2008: 11; WANG Y. *et al.*, 2009: 400; WEI, 2007: 526; WU W. *et al.*, 2014: 1564; ZHANG B. *et al.*, 2010: 359; ZHANG G. *et al.*, 2010: 989.

Sarcophaga (Parasarcophaga) albiceps: PAPE, 1996: 374.

Sarcophaga albiceps: CHOU, 1963: 233; HO, 1932: 351; 1934b: 31; 1936: 264; 1938: 115, 119; LIN & CHEN, 1999: 116; ROHDENDORF, 1930b: 315; SÉGUAY, 1941a: 69, 71; SENIOR-WHITE *et al.*, 1940: 213, 242. SUGIYAMA *et al.*, 1987: 65; XIAO, 2010: 464.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1965, 1992), Chongqing (FENG S. *et al.*, 2012; Gansu (FAN, 1992), Hebei (GUO *et al.*, 2010a, b), Heilongjiang (FAN, 1992), Henan (FAN, 1992; LIU *et al.*, 2012), Hubei (FAN, 1992), Jiangsu (FAN, 1992; HO, 1934b), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1965, 1992), Neimenggu (GUO *et al.*, 2010a, b), Ningxia (FAN, 1992), Shaanxi (FAN, 1992), Shandong (CHOU, 1963), Shanghai (FAN, 1965, 1992; JI *et al.*, 2011), Shanxi (FAN, 1992; GUO *et al.*, 2010a; LI M. *et al.*, 2014; WANG Y. *et al.*, 2009), Sichuan (FAN, 1965, 1992; FENG Y., 2006, 2011, 2015); Tibet [= Xizang] (FAN, 1992, 1996, 1992); Or: China: Fujian (FAN, 1992; KANO *et al.*, 1999), Guangdong (FAN, 2002; KANO *et al.*, 1999; ROHDENDORF, 1964; SHI *et al.*, 2009; ZHANG B. *et al.*, 2010), Guangxi (FAN, 1992; KANO *et al.*, 1999), Guizhou (FAN, 1992; KANO *et al.*, 1999; WEI, 2007), Hainan (GUO *et al.*, 2010a; HO, 1936; KANO *et al.*, 1999; ZHANG B. *et al.*, 2010), Hong Kong (FAN, 1992; KANO *et al.*, 1968), Hunan (GUO *et al.*, 2010a, b; KANO *et al.*, 1999), Jiangxi (FAN, 1965, 1992; KANO *et al.*, 1999), Yunnan (FAN, 1965, 1992; KANO *et al.*, 1999), Zhejiang (FAN, 1965, 1992; HO, 1934b; KANO *et al.*, 1999; WU W. *et al.*,

2014; ZHANG Q. *et al.*, 2014); Taiwan (KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SENIOR-WHITE *et al.*, 1940; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(286) *Parasarcophaga* (s. str.) *hirtipes* (Wiedemann, 1830)

Sarcophaga hirtipes Wiedemann, 1830: 361. Type locality: Egypt.

Parasarcophaga (s. str.) *hirtipes*: BARTÁK *et al.*, 2019: 47; ROHDENDORF, 1937: 193, 198; VERVES, 1986: 170; 1990: 607.

Parasarcophaga hirtipes: FAN & PAPE, 1996: 254.

Sarcophaga (*Parasarcophaga*) *hirtipes*: PAPE, 1996: 374.

Sarcophaga hirtipes: REN *et al.*, 2018: 18; SÉGUY, 1941a: 69, 109; SENIOR-WHITE *et al.*, 1940: 214, 243.

China: Pa: "NW part" (VERVES, 1990; no detailed data).

(287) *Parasarcophaga* (s. str.) *macroauriculata* (Ho, 1932)

Sarcophaga macroauriculata Ho, 1932: 347. Type locality: China: Jehol, Hung Sung Keng.

Parasarcophaga (s. str.) *macroauriculata*: BARTÁK *et al.*, 2019: 47, 52; CHEN L. & ZHU, 2014: 24; FAN, 1965: 273; 1992: 707; ROHDENDORF, 1937: 193, 202; VERVES, 1986: 170; VERVES & KHROKALO, 2006b: 168; ZHANG G. & ZHANG Z., 2010: 294.

Parasarcophaga macroauriculata: CHEN X. *et al.*, 2013: 51; FAN & PAPE, 1996: 254; FENG Y., 2006: 495; 2011: 548; 2015: 195; FENG Y. *et al.*, 2016: 371; LEHRER, 2010g: 15; ZHANG B. *et al.*, 2010: 359; ZHANG G. *et al.*, 2010: 989.

Sarcophaga (*Parasarcophaga*) *macroauriculata*: PAPE, 1996: 375.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1992), Gansu, Hebei, Heilongjiang, Henan (FAN, 1965, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1965), Ningxia, Shaanxi, Shanxi (FAN, 1992), Sichuan (FAN, 1965, 1992; FENG Y., 2006, 2011, 2015; FENG Y. *et al.*, 2016); Tibet [=Xizang] (FAN, 1992); Or: China: Fujian (FAN, 1992), Guangdong (FAN, 1965, 1992; ZHANG B. *et al.*, 2010), Guizhou (FAN, 1965; LEHRER, 2010g), Hunan, Jiangxi, Yunnan, Zhejiang (FAN, 1965, 1992).

(288) *Parasarcophaga* (s. str.) *misera* (Walker, 1849)

Sarcophaga misera Walker, 1849: 829. Type locality: Australia [as "New Holland"].

Parasarcophaga (s. str.) *misera*: BARTÁK *et al.*, 2019: 47, 49; CHEN L. & ZHU, 2014: 24; FAN, 1992: 703; 2002: 87, 88; MA G. *et al.*, 2014: 449; VERVES, 1986: 170; VERVES & KHROKALO, 2006b: 169; ZHANG Q. *et al.*, 2014: 342.

Parasarcophaga misera: CHAO C. & ZHANG, 1982: 227; CHEN X. *et al.*, 2013: 51; FAN & PAPE, 1996: 254; FENG S. *et al.*, 2012: 143; FENG Y., 2006: 495; 2011: 548; 2015: 195; FENG Y. *et al.*, 1990: 63; GUO *et al.*, 2010: 217; JI *et al.*, 2011: 478; JIA *et al.*, 2010: 444; KANO *et al.*, 1999: 139; KURAHASHI *et al.*, 2017: 37; LIU *et al.*, 2011: 49; PAI *et al.*, 2014: 209; SHI *et al.*, 2009: 425; WANG Y., *et al.*, 2009: 400; 2012: 233; WEI L., 2006: 545; WU R. *et al.*, 2014: 514; WU W. *et al.*, 2014: 1564; ZHANG B. *et al.*, 2010: 359.

Sarcophaga (*Parasarcophaga*) *misera*: PAPE, 1996: 375.

Sarcophaga misera: CHEN T. *et al.*, 2012: 508; LIN & CHEN, 1999: 117; SÉGUY, 1941a: 69, 120; SUGIYAMA *et al.*, 1987: 74; XIAO, 2010: 464.

Sarcophaga orchidea Böttcher, 1913: 375. Type localities: Taiwan: Gao-xiong (= Kyukokudo; Takao; Yentempo); India: Calcutta; Sri Lanka: Colombo; Papua New Guinea.

Sarcophaga orchidea: CHOU, 1963: 233; LIN & CHEN, 1999: 117.

Parasarcophaga (s. str.) *orchidea*: FAN, 1965: 268; ROHDENDORF, 1937: 193, 203; 1964: 81.

Parasarcophaga orchidea: CHEN T. *et al.*, 2012: 508; FENG S. *et al.*, 2012: 143; KANO *et al.*, 1968: 83; WEI L., 2007: 527.

Sarcophaga hirtipes var. *orchidea*: HO, 1932: 351; 1934b: 32; 1936: 264; SENIOR-WHITE *et al.*, 1940: 214, 244.

Sarcophaga helea Séguy, 1934: 25. Type locality: China: Jiangsu, Tchen-kiang.

Pa: China: Anhui (FAN, 1992; KANO *et al.*, 1999), Beijing (CHEN L. & ZHU, 2014), Chongqing (FENG S. *et al.*, 2012), Gansu (FAN, 1965, 1997; KANO *et al.*, 1999; WANG Y. *et al.*, 2012), Hebei (FAN, 1992; KANO *et al.*, 1999), Henan (FAN, 1992; KANO *et al.*, 1999; LIU J. *et al.*, 2012), Hubei (FAN, 1992), Jiangsu (FAN, 1992; HO, 1934b), Jilin (FAN, 1992; KANO *et al.*, 1999), Liaoning (CHEN X. *et al.*, 2013; FAN, 1965, 1992; KANO *et al.*, 1999), Shaanxi (FAN, 1992; KANO *et al.*, 1999), Shandong (CHOU, 1963; KANO *et al.*, 1999), Shanghai (FAN, 1965, 1992; JI *et al.*, 2011; KANO *et al.*, 1999), Shanxi (FAN, 1992; KANO *et al.*, 1999; MA G. *et al.*, 2014; WANG Y. *et al.*, 2009). Sichuan (FAN, 1992; FENG Y., 2015; KANO *et al.*, 1999); Or: China: Fujian (FAN, 1992; KANO *et al.*, 1999; WU R. *et al.*, 2014), Guangdong (FAN, 1965, 1992, 2002; KANO *et al.*, 1999; ROHDENDORF, 1964; SHI *et al.*, 2009; ZHANG B. *et al.*, 2010), Guangxi, Guizhou (KANO *et al.*, 1999), Hainan (HO, 1936; KANO *et al.*, 1999; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968), Hunan, Jiangxi, Yunnan (FAN, 1965, 1992), Zhejiang (FAN, 1965, 1992; HO, 1934b; KANO *et al.*, 1999; WU W. *et al.*, 2014; ZHANG Q. *et al.*, 2014); Taiwan (KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SENIOR-WHITE *et al.*, 1940; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(289) *Parasarcophaga* (s. str.) *taenionota* (Wiedemann, 1819)

Musca taenionota Wiedemann, 1819: 22. Type locality: Indonesia: Java, Jakarta [as "Batavia"].

Parasarcophaga (s. str.) *taenionota*: BARTÁK *et al.*, 2019: 47, 49, 52; FAN *et al.*, 2002: 87, 89; LEHRER, 2010c: 7; VERVES & KHROKALO, 2006b: 167; WANG J. *et al.*, 2008a: 11; ZHANG B. *et al.*, 2010: 359.

Parasarcophaga taenionota: JIA *et al.*, 2010: 442; KANO *et al.*, 1999: 140; KURAHASHI *et al.*, 2017: 37.

Sarcophaga (*Parasarcophaga*) *taenionota*: PAPE, 1996: 49, 376.

Sarcophaga taenionota: HO, 1938: 115; REN *et al.*, 2018: 19.

Sarcophaga sericea Walker, 1852: 326. Type-locality: India.

Parasarcophaga (s. str.) *sericea*: CHEN L. & ZHU, 2014: 25; FAN, 1992: 704; VERVES, 1986: 171; ZHANG G. & ZHANG Z., 2010: 294; ZHANG Q. *et al.*, 2014: 342.

Parasarcophaga sericea: FAN & PAPE, 1996: 254; FENG S. *et al.*, 2012: 143; FENG Y., 2011: 548; 2015: 195; WANG J. *et al.*, 2008: 402; WU R. *et al.*, 2014: 514; WU W. *et al.*, 2014: 1564; XIAO, 2010: 464; ZHANG G. *et al.*, 2010: 989.

Sarcophaga sericea: SUGIYAMA *et al.*, 1987: 77.

Sarcophaga knabi Parker, 1917: 96. Type-locality: Philippines.

Parasarcophaga (s. str.) *knabi*: FAN, 1965: 268; ROHDENDORF, 1937: 193, 202; 1964: 81.

Parasarcophaga knabi: CHAO C. & ZHANG, 1982: 227; CHE Z. *et al.*, 2009: 170; FENG S. *et al.*, 2012: 143; FENG Y., 1989: 255; KANO *et al.*, 1968: 83; WANG Y. *et al.*, 2012: 233.

Sarcophaga knabi: CHOU, 1963: 233; HO, 1932: 350; 1934b: 32; 1936: 264; 1938: 115; SENIOR-WHITE *et al.*, 1940: 213, 240.

- Pa: China: Beijing (CHE Z. *et al.*, 2009; CHEN L. & ZHU, 2014; FAN, 1992; KANO *et al.*, 1999), Chongqing (FENG S. *et al.*, 2012), Gansu (FAN, 1965, 1992; KANO *et al.*, 1999; WANG Y. *et al.*, 2012), Hebei, Henan, Hubei (FAN, 1992), Jiangsu (FAN, 1965, 1992; HO, 1934b; KANO *et al.*, 1999), Jilin (FAN, 1992; KANO *et al.*, 1999; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning, Neimenggu, Ningxia, Shaanxi (FAN, 1965, 1992; KANO *et al.*, 1999), Shandong (CHOU, 1963; FAN, 1992; KANO *et al.*, 1999), Shanghai (FAN, 1965, 1992; KANO *et al.*, 1999), Shanxi (FAN, 1992; KANO *et al.*, 1999), Sichuan (FAN, 1965, 1992; FENG Y., 2011, 2015; KANO *et al.*, 1999); Tibet [= Xizang] (CHAO & ZHANG, 1982; FAN, 1992; KANO *et al.*, 1999; WU R. *et al.*, 2014). Or: China: Fujian (FAN, 1992; HSIEN, 1958; KANO *et al.*, 1999), Guangdong (FAN, 2002; KANO *et al.*, 1999; REN *et al.*, 2018; ROHDENDORF, 1964; WANG J. *et al.*, 2008; ZHANG B. *et al.*, 2010), Guangxi, Guizhou (FAN, 1992; KANO *et al.*, 1999), Hainan (HO, 1936; KANO *et al.*, 1999; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968), Hunan, Jiangxi, Yunnan (FAN, 1965, 1992; KANO *et al.*, 1999), Zhejiang (FAN, 1992; HO, 1934b; KANO *et al.*, 1999; WU W. *et al.*, 2014; ZHANG Q. *et al.*, 2014); Taiwan (BARTÁK *et al.*, 2019; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; SUGIYAMA *et al.*, 1987; XIAO, 2010).
- (290) *Parasarcophaga* (s. str.) *unguitigris* Rohdendorf, 1938
- Parasarcophaga* (s. str.) *unguitigris*: Rohdendorf, 1938: 104. Type locality: Russia: Primorie, Sikhote-Alin State Reservation.
- Parasarcophaga* (s. str.) *unguitigris*: FAN, 1992: 708; VERVES, 1986: 171; VERVES & KHROKALO, 2006b: 168; ZHANG G. & ZHANG Z., 2010: 294.
- Parasarcophaga unguigris*: FAN & PAPE, 1996: 254; ZHANG G. *et al.*, 2010: 989.
- Sarcophaga* (*Parasarcophaga*) *unguitigris*: PAPE, 1996: 376.
- Pa: China: Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning, Shanxi (FAN, 1992).
- 8586.2. Subgenus *Sinonipponia* Rohdendorf, 1965
- Sinonipponia* Rohdendorf, 1965: 690, 694, [as genus]. Type species: *Sarcophaga hervebazini* Séguy, 1934.
- Sinonipponia*: FAN, 1965: 224, 246; 1992: 639, 666; KURAHASHI *et al.*, 2017: 32; VERVES, 1986: 177.
- Parasarcophaga* (*Sinonipponia*): VERVES & KHROKALO, 2006b: 167, 170.
- Sarcophaga* (*Sinonipponia*): PAPE, 1996: 407.
- (291) *Parasarcophaga* (*Sinonipponia*) *concreata* (Séguy, 1934).
- Sarcophaga concreata* Séguy, 1934: 27. Type locality: China: Shanghai: Zi-ka-wei [=Xujiahui].
- Parasarcophaga* (*Sinonipponia*) *concreata*: BARTÁK *et al.*, 2019: 47.
- Sinonipponia concreata*: FAN, 1992: 667; KURAHASHI *et al.*, 2017: 37.
- Sarcophaga* (*Sinonipponia*) *concreata*: PAPE, 1996: 408.
- Sarcophaga concreata*: LIN & CHEN, 1999: 117; SÉGUY, 1941a: 69, 87; SUGIYAMA *et al.*, 1987: 67; XIAO, 2010: 464.
- Pa: China: Shanghai (FAN, 1992; SÉGUY, 1934, 1941a); Or: Taiwan (BARTÁK *et al.*, 2019; FAN, 1992; KURAHASHI *et al.*, 2017: 37; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).
- (292) *Parasarcophaga* (*Sinonipponia*) *hainanensis* (Ho, 1936).
- Sarcophaga hainanensis* Ho, 1936: 210, 262. Type locality: China: Hainan, Nam-ting.
- Parasarcophaga* (*Sinonipponia*) *hainanensis*: BARTÁK *et al.*, 2019: 47, 52.
- Sinonipponia hainanensis*: FAN, 1965: 247; 1992: 667; KANO *et al.*, 1968: 84; KURAHASHI *et al.*, 2017: 37; ZHANG B. *et al.*, 2010: 360.
- Sarcophaga* (*Sinonipponia*) *hainanensis*: PAPE, 1996: 408.
- Sarcophaga hainanensis*: LIN & CHEN, 1999: 117; SENIOR-WHITE *et al.*, 1940: 214, 262; SUGIYAMA *et al.*, 1987: 71; XIAO, 2010: 464; YE 1985: 109.
- Or: China: Fujian (FAN, 1992), Guangdong (ZHANG B. *et al.*, 2010), Hainan (HO, 1936; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968; ZHANG B. *et al.*, 2010), Yunnan (FAN, 1992); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).
- (293) *Parasarcophaga* (*Sinonipponia*) *hervebazini* (Séguy, 1934)
- Sarcophaga hervebazini* Séguy, 1934: 26, 52. Type locality: China: Shanghai, Zi-ka-wei [now: "Xujiahui"].
- Parasarcophaga* (*Sinonipponia*) *hervebazini*: BARTÁK *et al.*, 2019: 47, 49; VERVES & KHROKALO, 2006b: 170.
- Sinonipponia hervebazini*: FAN, 1965: 246; 1992: 667; FENG S. *et al.*, 2012: 143; FENG Y., 2015: 195; KURAHASHI *et al.*, 2017: 37; VERVES, 1986: 177; WEI, 2005: 407; 2007: 532; WU W. *et al.*, 2014: 1565; ZHANG Q. *et al.*, 2014: 343.
- Sarcophaga* (*Sinonipponia*) *hervebazini*: PAPE, 1996: 408.
- Sarcophaga hervebazini*: LIN & CHEN, 1999: 117; SUGIYAMA *et al.*, 1987: 71; XIAO, 2010: 464.
- Sarcophaga erecta* Ho, 1934b: 35 [junior homonym of *Sarcophaga erecta* Engel, 1924; Diptera: Sarcophagidae]. Type locality: China: Zhejiang, Iwu Hsian.
- Sarcophaga erecta*: SÉGUY, 1941a: 69, 99.
- Parasarcophaga erecta*: ROHDENDORF, 1937: 257.
- Sinonipponia erecta*: FENG S. *et al.*, 2012: 143; FENG Y. *et al.*, 2015: 195; JI *et al.*, 2011: 478. LEHRER & WEI, 2011c: 14.
- Pa: China: Chongqing (FENG S. *et al.*, 2012), Gansu, Henan, Hubei, Jiangsu, Liaoning, Shaanxi (FAN, 1992), Shanghai (FAN, 1965, 1992; JI *et al.*, 2011), Shanxi (FAN, 1965, 1992), Sichuan (FAN, 1965, 1992; FENG Y., 2015). Or: China: Guizhou (FAN, 1965; LEHRER & WEI, 2011c; WEI, 2005, 2007), Hunan, Jiangxi, Yunnan (FAN, 1965, 1992), Zhejiang (FAN, 1965, 1992; HO, 1934b; WU W. *et al.*, 2014; ZHANG Q. *et al.*, 2014); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).
- (294) *Parasarcophaga* (*Sinonipponia*) *musashinensis* (Kano & Okazaki, 1956)
- Sarcophaga musashinensis* Kano & Okazaki, 1956: 77. Type locality: Japan: Honshu, Tokyo, Mt. Takamizu.
- Parasarcophaga* (*Sinonipponia*) *musashinensis*: VERVES & KHROKALO, 2006b: 170.
- Sinonipponia musashinensis*: FAN, 1992: 666; VERVES, 1986: 177; ZHANG G. *et al.*, 2010: 989; ZHANG G. & ZHANG Z., 2010: 293.
- Sarcophaga* (*Sinonipponia*) *musashinensis*: PAPE, 1996: 408.
- Pa: China: Heilongjiang, Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (FAN, 1992).
86. Genus *Phallocheira* Rohdendorf, 1937
- Phallocheira* Rohdendorf, 1937: 58, 267, 269. Type species: *Phallocheira minor* Rohdendorf, 1937.

Phallicheira: FAN, 1965: 227; 1992: 642, 694; ROHDENDORF, 1965: 689, 694; VERVES, 1986: 173; VERVES & KHROKALO, 2006b: 77, 167.

Sarcophaga (Phallicheira): PAPE, 1996: 377.

(295) *Phallicheira minor* Rohdendorf, 1937.

Phallicheira Rohdendorf, 1937: 269. Type locality: Russia: Primorie, Tigrovaia near Suchan.

Phallicheira minor: FAN, 1992: 694; ROHDENDORF, 1965: 689, 694; VERVES, 1986: 173; VERVES & KHROKALO, 2006b: 170; ZHANG G. & ZHANG Z., 2010: 293.

Pierretia minor: MA G. *et al.*, 2014: 449.

Sarcophaga (Phallicheira) minor: PAPE, 1996: 377.

Pa: China: Heilongjiang, Henan, Hubei (FAN, 1992), Jilin (FAN, 1992; ZHANG G. & ZHANG Z., 2010), Liaoning (FAN, 1992), Shanxi (FAN, 1992; MA G. *et al.*, 2014).

87. Genus *Pterophalla* Rohdendorf, 1965

Pterophalla Rohdendorf, 1965: 687, 693 [as subgenus of *Parasarcophaga* Johnston & Tiegs, 1921]. Type species: *Sarcophaga oitana* Hori, 1955.

Pterophalla: POVOLNÝ & VERVES, 1990: 318.

Parasarcophaga (Pterophalla): VERVES, 1986: 172.

Horia Kano, Field & Shinonaga, 1967: 28 [junior homonym of *Horia* Fabricius, 1787; Coleoptera: Meloidae]. Type species: *Sarcophaga oitana* Hori, 1955.

Horia: FAN, 1992: 641, 718.

Horisarcophaga Kano & Shinonaga, 1967: 240 [new replacement name for *Horia* Kano, Field & Shinonaga, 1967].

Sarcophaga (Pterophalla): PAPE, 1996: 383.

(296) *Pterophalla oitana* (Hori, 1955)

Sarcophaga oitana Hori, 1955: 248. Type locality: Japan: Kyushu, Oita Prefecture, Mt Suishi near Taketa.

Pterophalla oitana: POVOLNÝ & VERVES, 1990: 318; ZHANG B. *et al.*, 2010: 360.

Parasarcophaga (Pterophalla) oitana: ROHDENDORF, 1965: 693; VERVES, 1986: 172.

Horia oitana: FAN, 1992: 719.

Sarcophaga (Pterophalla) oitana: PAPE, 1996: 383.

Pa: China: Sichuan (FAN, 1992); Or: China: Hainan (ZHANG B. *et al.*, 2010).

88. Genus *Pterosarcophaga* Ye, 1981.

Pterosarcophaga Ye, 1981, in: Ye *et al.*, 1981: 229. Type species: *Pterosarcophaga emeishanensis* Ye & Ni, 1981.

Pterosarcophaga: FAN & PAPE, 1996: 251.

Sarcophaga (Pterosarcophaga): PAPE, 1996: 383.

(297) *Pterosarcophaga emeishanensis* Ye & Ni, 1981.

Pterosarcophaga emeishanensis Ye & Ni, 1981: 229. Type locality: China: Sichuan, Mt Emeishan.

Pterosarcophaga emeishanensis: FAN & PAPE, 1996: 251; FENG Y., 2015: 195.

Sarcophaga (Pterosarcophaga) emeishanensis: PAPE, 1996: 383.

Pa: China: Sichuan (FENG Y., 2015; YE *et al.*, 1981).

89. Genus *Robineauella* Enderlein, 1928.

Robineauella Enderlein, 1928: 23 [as subgenus of *Parasarcophaga* Johnston & Tiegs, 1921]. Type species: *Sarcophaga scoparia* Pandellé, 1896 (= *Sarcophaga caerulescens* Zetterstedt, 1838).

Robineauella: FAN, 1992: 642, 695; LEHRER, 2008: 11; ROHDENDORF, 1965: 689, 694; VERVES, 1986: 175; 1990: 610; VERVES & KHROKALO, 2006b: 77, 170.

Parasarcophaga (Robineauella): FAN, 1965: 263; ROHDENDORF, 1937: 234, 450.

Sarcophaga (Robineauella): PAPE, 1996: 383.

89.1. Subgenus *Digitiventra* FAN, 1964.

Digitiventra FAN, 1964: 306, 316 [as subgenus of *Parasarcophaga* Johnston et Tiegs, 1921]. Type species: *Sarcophaga pseudoscoparia* Kramer, 1911.

Robineauella (Digitiventra): FAN, 1992: 695; VERVES, 1986: 174; 1990: 610; VERVES & KHROKALO, 2006b: 171.

Parasarcophaga (Digitiventra): FAN, 1965: 264.

(298) *Robineauella (Digitiventra) anchoriformis* (FAN, 1964)

Parasarcophaga (Digitiventra) anchoriformis FAN, 1964: 308, 317. Type locality: China: Zhejiang, Mt. Tienmu-Shan.

Robineauella (Digitiventra) anchoriformis: BARTÁK *et al.*, 2019: 47; CHEN L. & ZHU, 2014: 25; CHEN L. *et al.*, 2015: 323; FAN, 1992: 695.

Robineauella anchoriformis: FAN & PAPE, 1996: 255; KURAHASHI *et al.*, 2017: 37.

Parasarcophaga (Digitiventra) anchoriformis: FAN, 1965: 278.

Sarcophaga (Robineauella) anchoriformis: PAPE, 1996: 385.

Sarcophaga anchoriformis: LIN & CHEN, 1999: 116; SUGIYAMA *et al.*, 1987: 65; XIAO, 2010: 464.

Pa: China: Anhui (FAN, 1992), Beijing (CHEN L. & ZHU, 2014; FAN, 1992), Liaoning, Shaanxi (FAN, 1992), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1992). Or: China: Guizhou, Hunan, Yunnan, Zhejiang (FAN, 1964, 1965, 1992); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(299) *Robineauella (Digitiventra) pseudoscoparia* (Kramer, 1911).

Sarcophaga pseudoscoparia Kramer, 1911: 142. Type locality: Germany: Koblenz.

Robineauella (Digitiventra) pseudoscoparia: BARTÁK *et al.*, 2019: 47; FAN, 1992: 695; VERVES, 1986: 175; 1990: 610; VERVES & KHROKALO, 2006b: 171; ZHANG G. & ZHANG Z., 2010: 294.

Robineauella pseudoscoparia: FAN & PAPE, 1996: 256; ZHANG G. *et al.*, 2010: 989.

Parasarcophaga (Digitiventra) pseudoscoparia: FAN, 1964: 317; 1965: 278.

Parasarcophaga (Robineauella) pseudoscoparia: ROHDENDORF, 1937: 197, 237.

Sarcophaga (Robineauella) pseudoscoparia: PAPE, 1996: 383.

Sarcophaga pseudoscoparia: SÉGUY, 1941a: 69, 136.

Pa: China: Hebei, Heilongjiang (FAN, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning, Shaanxi (FAN, 1992).

(300) *Robineauella (Digitiventra) walayari* (Senior-White, 1924)

- Sarcophaga walayari* Senior-White, 1924: 231. Type locality: India: Kerala, Western Ghats, Walayar Forest.
- Robineauella (Digitiventra) walayari*: VERVES, 1979c: 215; 2001b: 242; BARTÁK *et al.*, 2019: 47.
- Robineauella walayari*: ZHANG B. *et al.*, 2010: 360.
- Sarcophaga (Robineauella) walayari*: PAPE, 1996: 386.
- Sarcophaga walayari*: SENIOR-WHITE *et al.*, 1940: 214, 230.
- Or: China: Guangdong (ZHANG B. *et al.*, 2010).
- 89.2. Subgenus *Robineauella* s. str.
- (301) *Robineauella* (s. str.) *caerulescens* (Zetterstedt, 1838).
- Sarcophaga caerulescens* Zetterstedt, 1838: 650. Type locality: Sweden: Tresung.
- Robineauella* (s. str.) *caerulescens*: VERVES, 1990: 610; VERVES & KHROKALO, 2006b: 171.
- Robineauella caerulescens*: FAN & PAPE, 1996: 255.
- Sarcophaga (Robineauella) caerulescens*: PAPE, 1996: 383.
- Sarcophaga caerulescens*: REN *et al.*, 2018: 18.
- Sarcophaga scoparia* Pandellé, 1896: 189. Type locality: Russia: Kaliningrad region, Kaliningrad [as "Prusse orientale"].
- Robineauella* (s. str.) *scoparia*: CHEN L. *et al.*, 2015: 323; FAN, 1992: 699; VERVES, 1986: 175.
- Robineauella scoparia*: LEHRER, 2008b: 11. ROHDENDORF & VERVES, 1978: 257.
- Parasarcophaga (Robineauella) scoparia*: FAN, 1965: 282; ROHDENDORF, 1937: 187, 234.
- Parasarcophaga scoparia*: CHAO C. & ZHANG, 1982: 227.
- Sarcophaga scoparia*: SÉGUY, 1941a: 68, 144.
- Pa: China: Jilin, Sichuan (FAN, 1992), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1965); Tibet [=Xizang] (CHAO C. & ZHANG, 1982). Or: China: Yunnan (FAN, 1992).
- (302) *Robineauella* (s. str.) *daurica* (Grunin, 1964)
- Parasarcophaga (Robineauella) daurica* Grunin, 1964: 77. Type locality: Russia: Chita region, Borzna district, environs of Ust-Oziornoie village.
- Robineauella* (s. str.) *daurica*: FAN, 1992: 697; ROHDENDORF & VERVES, 1979b: 492; VERVES, 1986: 175; 1990: 610; VERVES & KHROKALO, 2006b: 171; ZHANG G. & ZHANG Z., 2010: 294.
- Robineauella daurica*: FAN & PAPE, 1996: 255; LEHRER, 2008b: 15; WANG Y. *et al.*, 2009: 400; ZHANG G. *et al.*, 2010: 989.
- Sarcophaga (Robineauella) daurica*: PAPE, 1996: 384.
- Pa: China: Gansu, Hebei, (FAN, 1992) Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning, Neimenggu, Ningxia, Shaanxi (FAN, 1992), Shanxi (FAN, 1992; WANG Y. *et al.*, 2009).
- (303) *Robineauella* (s. str.) *grunini* (Rohdendorf, 1938)
- Parasarcophaga (Robineauella) grunini* Rohdendorf, 1938: 104. Type locality: Russia: Primorie, Sikhote-Alin State Reservation.
- Parasarcophaga (Robineauella) grunini*: FAN, 1964: 313, 318.
- Robineauella* (s. str.) *grunini*: FAN, 1992: 697; VERVES, 1986: 175; VERVES & KHROKALO, 2006b: 172; ZHANG G. & ZHANG Z., 2010: 294.
- Sarcophaga (Robineauella) grunini*: PAPE, 1996: 384.
- Pa: China: Heilongjiang (Fan, 1992), Jilin (Fan, 1992; Zhang, G. & Zhang Z., 2010), Liaoning (Fan, 1964, 1992).
- (304) *Robineauella* (s. str.) *huangshanensis* (Fan, 1964)
- Parasarcophaga (Robineauella) huangshanensis* Fan, 1964: 312, 318. Type locality: China: Anhui [as "Anhui"], Huang-Shan.
- Parasarcophaga (Robineauella) huangshanensis*: FAN, 1965: 281.
- Robineauella* (s. str.) *huangshanensis*: FAN, 1992: 697; VERVES, 1986: 175.
- Robineauella huangshanensis*: FAN & PAPE, 1996: 255.
- Sarcophaga (Robineauella) huangshanensis*: PAPE, 1996: 384.
- Pa: China: Anhui (FAN, 1964, 1965, 1992), Shaanxi, Sichuan (FAN, 1992); Or: Hunan (FAN, 1992), Zhejiang (FAN, 1964, 1992).
- (305) *Robineauella* (s. str.) *nigribasicosta* Ye, 1982
- Parasarcophaga (Robineauella) nigribasicosta* Ye, 1982: 107. Type locality: China: Sichuan, Markang.
- Robineauella nigribasicosta*: FAN & PAPE, 1996: 255.
- Sarcophaga (Robineauella) picibasicosta* Pape, 1996: 384, syn. nov. [unnecessary new replacement name for *Parasarcophaga nigribasicosta* Ye, 1982].
- Pa: China: Sichuan (YE, 1982).
- (306) *Robineauella* (s. str.) *simultaneousa* Wei & Yang, 2007
- Parasarcophaga (Robineauella) simultaneousa* Wei & Yang, 2007: 528, 538. Type locality: China: Guizhou, Leigongshan National Nature [as "Nate"] Reserve.
- Robineauella simultaneousa*: LEHRER, 2013a: 3.
- Or: China: Guizhou (WEI & YANG, 2007).
90. Genus *Sarcorohdendorfia* Baranov, 1938
- Sarcorohdendorfia* Baranov, 1938a: 173. Type species: *Sarcorohdendorfia adiscalis* Baranov, 1938.
- Sarcorohdendorfia*: FAN, 1992: 639, 656; KANO & LOPES, 1979: 618; KURAHASHI *et al.*, 2017: 33; LOPES & KANO, 1979b: 657; VERVES, 1986: 176; VERVES & KHROKALO, 2006b: 77, 172.
- Sarcophaga (Sarcorohdendorfia)*: PAPE, 1996: 396.
- Tricholioproctia* Baranov, 1938b: 414. Type species: *Sarcophaga antilope* Böttcher, 1913.
- Tricholioproctia*: FAN, 1965: 224, 242; LEHRER & WEI, 2011a: 1; LOPES, 1954: 235; ROHDENDORF, 1965: 684, 694.
- Hamimembrana* Chen Z., 1975: 115, 117, as subgenus of *Tricholioproctia*. Type species: *Sarcophaga basalis* [misidentification; not *Sarcophaga basalis* Walker, 1860; Diptera: Sarcophagidae] (= *Sarcophaga flavinervis* Senior-White, 1924).
- Chrysosarcophaga* [misidentification; not *Chrysosarcophaga* Townsend, 1932]: ROHDENDORF, 1937: 52, 277.
- (307) *Sarcorohdendorfia antilope* (Böttcher, 1913)
- Sarcophaga antilope* Böttcher, 1913: 380. Type locality: Formosa [= Taiwan].
- Sarcorohdendorfia antilope*: BARTÁK *et al.*, 2019: 47; FAN, 1992: 658; KANO *et al.*, 1999: 133; KURAHASHI *et al.*, 2017: 37; LOPES & KANO, 1979a: 312; 1979b: 657; VERVES, 1986: 176; VERVES & KHROKALO, 2006b: 173; ZHANG B. *et al.*, 2010: 360; ZHANG G. & ZHANG Z., 2010: 293.

Sarcrohndendorfia inextricata antilope: KANO & LOPES, 1979: 618.

Tricholioproctia antilope: FAN, 1965: 244; FENG S. *et al.*, 2012: 143; LEHRER & WEI, 2011a: 2; LOPES, 1954: 236, 237.

Chrysosarcophaga antilope: ROHDENDORF, 1937: 279.

Lioproctia antilope: BARANOV, 1936: 102; 1938b: 414.

Sarcophaga (Sarcrohndendorfia) antilope: PAPE, 1996: 396.

Sarcophaga antilope: HO, 1936: 266; 1938: 116; LIN & CHEN, 1999: 116; SENIOR-WHITE *et al.*, 1940: 213, 235; SHIMADA *et al.*, 1961: 33; XIAO, 2010: 464.

Tricholioproctia wumengia Lehrer & Wei, 2011a: 4, syn. nov. Type locality: China: Guizhou province, Wumeng.

Comment: The original description and drawings of genitalia of male *Tricholioproctia wumengia* are very detailed and practically not different from those of *Sarcrohndendorfia antilope* by FAN, 1965, 1992; HO, 1938; KANO & LOPES, 1979; LOPES, 1954; LOPES & KANO, 1979a. b; ROHDENDORF, 1937.

Sarcophaga inextricata [misidentification: not *Sarcophaga inextricata* Walker, 1860]: SUGIYAMA *et al.*, 1987: 72.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Heilongjiang, Henan, Hubei (FAN, 1965, 1992; KANO *et al.*, 1999), Jilin (FAN, 1992; ZHANG G. & ZHANG Z., 2010), Liaoning, Sichuan (FAN, 1965, 1992; KANO *et al.*, 1999); Or: China: Guangdong (ZHANG B. *et al.*, 2010), Guizhou (LEHRER & WEI, 2011a), Hainan (HO, 1936; KANO & LOPES, 1979; KANO *et al.*, 1999; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Hunan, Yunnan, Zhejiang (FAN, 1965, 1992; KANO *et al.*, 1999); Taiwan (BARTÁK *et al.*, 2019; KANO & LOPES, 1979; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017: 37; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(308) *Sarcrohndendorfia flavinervis* (Senior-White, 1924)

Sarcophaga flavinervis Senior-White, 1924: 224, 229. Type locality: India: Assam, Sadiya.

Sarcrohndendorfia flavinervis: BARTÁK *et al.*, 2019: 47; VERVES & KHROKALO, 2006b: 173.

Tricholioproctia flavinervis: LOPES, 1954: 236, 251.

Sarcophaga flavinervis: HO, 1938: 115.

Sarcophaga aurata Walker, 1860b: 232 [junior homonym of *Sarcophaga aurata* Macquart, 1851; Diptera: Sarcophagidae]. Type locality: Indonesia: Moluccas, Amboina.

Sarcrohndendorfia aurata: LOPES & KANO, 1979a: 313; 1979b: 658, 665; VERVES, 1986: 176.

Sarcophaga seniorwhitei Ho, 1938: 117 [unnecessary new replacement name for *Sarcophaga flavinervis* Senior-White, 1924].

Sarcrohndendorfia seniorwhitei: FAN, 1992: 660; ZHANG B. *et al.*, 2010: 360.

Sarcophaga (Sarcrohndendorfia) seniorwhitei: PAPE, 1996: 401; XIAO, 2010: 464.

Sarcophaga basalis [misidentification; not *Sarcophaga basalis* Walker, 1853]: WALKER, 1859: 129; SENIOR-WHITE *et al.*, 1940: 213, 223.

Tricholioproctia basalis: FAN, 1965: 244.

Or: China: Guangdong (ZHANG B. *et al.*, 2010), Yunnan (FAN, 1992); Taiwan (BARTÁK *et al.*, 2019; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(309) *Sarcrohndendorfia gracilior* (Chen, 1975)

Tricholioproctia (Hamimembrana) gracilior Chen Z., 1975: 115, 118. Type locality: China: Zhejiang [as "Chekiang"] Province, Mt Tienmu-Shan.

Sarcrohndendorfia gracilior: BARTÁK *et al.*, 2019: 47; FAN, 1992: 662; FENG Y., 2015: 195; KURAHASHI *et al.*, 2017: 37; VERVES, 1986: 176; WU W. *et al.*, 2014: 1564; XUE W. & CHAO, 1996: 1646; YE, 1982: 22; ZHANG B. *et al.*, 2010: 360.

Tricholioproctia gracilior: FENG S. *et al.*, 2012: 143. WEI, 2005: 406; 2007: 532.

Sarcophaga (Sarcrohndendorfia) gracilior: PAPE, 1996: 401; ZHANG M. *et al.*, 2014: 43.

Sarcophaga gracilior: LIN & CHEN, 1999: 117; SUGIYAMA *et al.*, 1987: 70; XIAO, 2010: 464.

Tricholioproctia wujiangiana LEHRER & WEI, 2011a: 5, syn. nov. Type locality: China: Guizhou province, Wujiang.

Comment: The original description and drawings of genitalia of male *Tricholioproctia wujiangiana* are very detailed and practically not differentiated from those of *Sarcrohndendorfia gracilior* by CHEN Z., 1975, and FAN, 1992.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Hubei (ZHANG M. *et al.*, 2014), Sichuan (CHEN Z., 1975; FAN, 1992; FENG Y., 2015; ZHANG M. *et al.*, 2014); Tibet [= Xizang] (ZHANG M. *et al.*, 2014); Or: China: Guangdong (ZHANG M. *et al.*, 2014), Guizhou (FAN, 1992; LEHRER & WEI, 2011a; WEI, 2005, 2007; ZHANG *et al.*, 2014), Hunan (ZHANG *et al.*, 2014), Zhejiang (FAN, 1992; WU W. *et al.*, 2014; ZHANG *et al.*, 2014); Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010; ZHANG M. *et al.*, 2014).

(310) *Sarcrohndendorfia inextricata* (Walker, 1860)

Sarcophaga inextricata Walker, 1860a: 132. Type locality: Indonesia: Celebes [= Sulawesi], Makassar.

Sarcrohndendorfia inextricata: BARTÁK *et al.*, 2019: 47, 49; FAN, 1992: 658; KANO *et al.*, 1999: 133; LOPES, 1979: 312; LOPES & KANO, 1979a: 312; NANDI, 2002: 377, 394; ZHANG B. *et al.*, 2010: 360.

Sarcrohndendorfia inextricata inextricata: KANO & LOPES 1979: 618.

Tricholioproctia inextricata: LEHRER & WEI, 2011a: 3.

Sarcophaga (Sarcrohndendorfia) inextricata: PAPE, 1996: 398.

Tricholioproctia sulawesiella Lehrer & Wei, 2011a: 4, syn. nov. Type locality: Indonesia: Sulawesi.

Comment: The description of *Tricholioproctia sulawesiella* is based on drawings of male genitalia of *Sarcrohndendorfia inextricata* after LOPES & KANO, 1979a: 312, figs 32-37; FAN, 1992: 658, fig. 1306; *S. antilope* after FAN, 1992: 658, fig. 1307; VERVES & KHROKALO, 2006b: fig. 111, 4-5. The differences in drawings of those and other authors (KANO & LOPES 1979; LOPES, 1979; NANDI, 2002 etc) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Or: China: Guangdong (ZHANG B. *et al.*, 2010), Yunnan (FAN, 1992; KANO *et al.*, 1999).

(311) *Sarcrohndendorfia mimobasalis* (Ma, 1964)

Tricholioproctia mimobasalis Ma C., 1964: 57, 62. Type locality: China: Liaoning, Chianshan.

Sarcrohndendorfia mimobasalis: FAN, 1992: 661; VERVES, 1986: 176; ZHANG G. *et al.*, 2010: 989; ZHANG G. & ZHANG Z., 2010: 293.

Tricholioproctia (Hamimembrana) mimobasalis: CHEN Z., 1975: 117.

Sarcophaga (Sarcorohdendorfia) mimobasalis: PAPE, 1996: 399.

Pa: China: Jilin (ZHANG G. *et al.*, 2010; ZHANG, G. & ZHANG Z., 2010), Liaoning (MA C., 1964).

(312) *Sarcorohdendorfia pudongensis* (Fan, Chen & Lu, 2003), comb. nov.

Beziella pudongensis Fan *et al.*, 2003: 80. Type locality: China: Shanghai, Pudong, International Airport Pudong.

Beziella pudongensis: LU Z. *et al.*, 2003: 84.

Pa: China: Shanghai (FAN *et al.*, 2003).

Comment: The original description and drawings of genitalia of male *Beziella pudongensis* indicate that this species really belongs to the genus *Sarcorohdendorfia* Baranov, 1938.

(313) *Sarcorohdendorfia shenzhenensis* (Fan, 2002), comb. nov.

Beziella shenzhenensis Fan, 2002, in: Zhang S. & Jia, 2002: 92, 185. Type locality: China: Guangdong, Shenzhen Futian mangrove forest.

Beziella shenzhenensis: ZHANG B. *et al.*, 2010: 360.

Or: China: Guangdong (FAN, 2002).

Comment: The original description and drawings of genitalia of male *Beziella shenzhenensis* indicate that this species really belongs to the genus *Sarcorohdendorfia* Baranov, 1938.

92. Genus *Sarcosolomonina* Baranov, 1938

Sarcosolomonina Baranov, 1938a: 173. Type species: *Sarcosolomonina tulagiensis* Baranov, 1938.

Sarcosolomonina: FAN, 1992: 641, 669; 2002: 82, 84; VERVES, 1986: 177.

Bezziola Lopes, 1958: 24. Type species: *Sarcophaga stricklandi* Hall & Bohart, 1948.

Bezziola: ROHDENDORF, 1965: 691, 695.

92.1. Subgenus *Parkerimyia* Lopes & Kano, 1969

Parkerimyia Lopes & Kano, 1969: 181 [as genus]. Type species: *Sarcophaga crinita* Parker, 1917.

(314) *Sarcosolomonina (Parkerimyia) aureomarginata* Shinonaga & Tumrasvin, 1979

Sarcosolomonina aureomarginata Shinonaga & Tumrasvin, 1979: 140. Type locality: Thailand: Kanchana Buri, Erawan water fall.

Sarcosolomonina (Parkerimyia) aureomarginata: BARTÁK *et al.*, 2019: 47.

Sarcosolomonina aureomarginata: XUE W. & CHAO, 1996: 1649, 1660.

Sarcophaga (Sarcosolomonina) aureomarginata: PAPE, 1996: 402.

Or: China: Yunnan (XUE W. & CHAO, 1996).

(315) *Sarcosolomonina (Parkerimyia) crinita* (Parker, 1917).

Sarcophaga crinita Parker, 1917: 92. Type locality: Philippines.

Sarcophaga crinita: LIN & CHEN, 1999: 117; SUGIYAMA *et al.*, 1987: 68; XIAO, 2010: 464.

Sarcosolomonina crinita: FAN, 1992: 689; ; KURAHASHI *et al.*, 2017: 37.

Sarcosolomonina (Parkerimyia) crinita: BARTÁK *et al.*, 2019: 47, 49.

Sarcophaga (Sarcosolomonina) crinita: PAPE, 1996: 403.

Sarcophaga kankauensis Baranov, 1931: 113. Type locality: Formosa: Koshun, Kankau [= Taiwan: Hengchun, Gangkou].

Sarcophaga kankauensis: SHIMADA *et al.*, 1961: 33.

Or: Taiwan (BARANOV, 1931; BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(316) *Sarcosolomonina (Parkerimyia) harinasutai* Kano & Sooksri, 1977.

Sarcosolomonina harinasutai Kano & Sooksri, 1977: 233. Type locality: Thailand: Kanchanaburi.

Sarcosolomonina (Parkerimyia) harinasutai: BARTÁK *et al.*, 2019: 47, 49; FAN, 1992: 669.

Sarcosolomonina harinasutai: FAN, 2002: 84; FAN & PAPE, 1996: 256; ZHANG B. *et al.*, 2010: 360.

Sarcophaga (Sarcosolomonina) harinasutai: PAPE, 1996: 403.

Or: China: Guangdong (FAN, 2002; ZHANG B. *et al.*, 2010), Yunnan (FAN, 1992).

(317) *Sarcosolomonina (Parkerimyia) hongheensis* Li & Ye, 1992

Sarcosolomonina (Parkerimyia) hongheensis Li F. & Ye, 1992: 309. Type locality: China: Yunnan, Jinping.

Sarcosolomonina (Parkerimyia) hongheensis: BARTÁK *et al.*, 2019: 47.

Sarcosolomonina hongheensis: FAN, 1992: 669.

Sarcophaga (Sarcosolomonina) hongheensis: PAPE, 1996: 403.

Or: China: Yunnan (FAN, 1992; LI F. & YE, 1992).

(318) *Sarcosolomonina (Parkerimyia) nathani* Lopes & Kano, 1969

Sarcosolomonina (Parkerimyia) nathani Lopes & Kano, 1969: 184. Type locality: India: Tamil Nadu, Nilgiri Hills, Singora.

Sarcosolomonina (Parkerimyia) nathani: BARTÁK *et al.*, 2019: 48.

Sarcosolomonina nathani: LI F., 1987: 194; 1988: 14; XUE W. & CHAO, 1996: 1649, 1650.

Sarcophaga (Sarcosolomonina) susainathani PAPE, 1996: 405, unnecessary new replacement name for *Sarcosolomonina nathani*.

Or: China: Yunnan (LI F., 1987, 1988; XUE W. & CHAO, 1996).

93. Genus *Stackelbergeola* Rohdendorf, 1937

Stackelbergeola Rohdendorf, 1937: 55, 257. Type species: *Sarcophaga mehadiensis* Böttcher, 1912.

Stackelbergeola: ROHDENDORF, 1965: 686, 694; VERVES, 1986: 177.

Sarcophaga (Stackelbergeola): PAPE, 1996: 409.

(319) *Stackelbergeola suskini* Rohdendorf, 1937

Stackelbergeola suskini Rohdendorf, 1937: 261. Type locality: Kazakhstan: Aktiubinsk region [now: Aqtöbe], delta of Turgay River, tract Taun.

Stackelbergeola suskini VERVES, 1986: 178.

Sarcophaga (Stackelbergeola) suskini: PAPE, 1996: 409; ZHANG M. *et al.*, 2016: 465.

Pa: China: Xinjiang (ZHANG M. *et al.*, 2016).

Subtribe Seniorwhiteina Rohdendorf, 1965

Seniorwhiteina Rohdendorf, 1965: 677.

944. Genus *Seniorwhitea* Rohdendorf, 1937

Seniorwhitea Rohdendorf, 1937: 57, 297. Type species: *Sarcophaga orientalooides* Senior-White, 1924 (= *Sarcophaga princeps* Wiedemann, 1830).

Seniorwhitea: FAN, 1965: 226, 258; 1992: 642, 691; KURAHASHI *et al.*, 2017: 34; LEHRER, 2008h: 25; LOPES, 1964: 161; ROHDENDORF, 1965: 691, 694; VERVES, 1986: 179.

Sarcophaga (Seniorwhitea): PAPE, 1996: 407.

(320) *Seniorwhitea phoenicoptera* (Böttcher, 1913)

Sarcophaga phoenicoptera Böttcher, 1913: 376. Type locality: Taiwan: Hengchun, Gangkou [as "Kankau"].

Seniorwhitea phoenicoptera: BARTÁK *et al.*, 2019: 48; FAN, 1965: 261; 1992: 693; KURAHASHI *et al.*, 2017: 37; LEHRER, 2008h: 25; LOPES, 1964: 167; ROHDENDORF, 1965: 691, 694; VERVES, 1986: 179.

Harpagophalla phoenicopterus: LIN & CHEN, 1999: 117; SUGIYAMA *et al.*, 1987: 64; XIAO, 2010: 464.

Sarcophaga (Seniorwhitea) phoenicoptera: PAPE, 1996: 407.

Sarcophaga phoenicoptera: SENIOR-WHITE, 1924: 238; SENIOR-WHITE *et al.*, 1940: 214, 245; SHIMADA *et al.*, 1961: 34.

Or: Taiwan (BARTÁK *et al.*, 2019; BÖTTCHER, 1913; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; LOPES, 1964; SENIOR-WHITE *et al.*, 1940; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(321) *Seniorwhitea princeps* (Wiedemann, 1830)

Sarcophaga princeps Wiedemann, 1830: 359. Type locality: Indonesia: Sumatra, Trentepohl.

Seniorwhitea princeps: BARTÁK *et al.*, 2019: 48, 49; FAN, 2002: 85; FENG S. *et al.*, 2012: 143; KANO *et al.*, 1999: 136; KURAHASHI *et al.*, 2017: 37; LIU Y. *et al.*, 2011: 325; PAI *et al.*, 2014: 209; REN *et al.*, 2018: 19; WU W. *et al.*, 2014: 1564; ZHANG B. *et al.*, 2010: 360.

Sarcophaga (Seniorwhitea) princeps: PAPE, 1996: 52, 407; XIAO, 2010: 464.

Sarcophaga reciproca Walker, 1856: 22. Type locality: Singapore.

Seniorwhitea reciproca: FAN, 1992: 692; FENG S. *et al.*, 2012: 143; FENG Y., 2011: 548; SHARMA *et al.*, 2017: 84; VERVES, 1986: 179.

Harpagophalla reciproca: LIN & CHEN, 1999: 116; SUGIYAMA *et al.*, 1987: 65.

Sarcophaga reciproca: LOPES & KANO, 1979a: 315.

Sarcophaga krameri Böttcher, 1912a: 165. Type localities: Taiwan [as "Formosa"]: Fuhosho and Kosempo.

Seniorwhitea krameri: CHAO C. & ZHANG, 1982: 227; LOPES, 1964: 162.

Sarcophaga krameri: BÖTTCHER, 1913: 378; HENNIG, 1941: 185; LIN & CHEN, 1999: 117; SENIOR-WHITE, 1924: 238; SENIOR-WHITE *et al.*, 1940: 214, 245; SHIMADA *et al.*, 1961: 33; SUGIYAMA *et al.*, 1987: 70.

Sarcophaga orientalooides Senior-White, 1924: 223, 224, 244. Type locality: Sri Lanka: Matale.

Seniorwhitea orientalooides: FAN, 1965: 259; KANO *et al.*, 1968: 84; LEHRER, 2008: 28; ROHDENDORF, 1937: 297, 299, 407; 1964: 82.

Sarcophaga orientalooides: HO, 1934b: 33; 1936: 265; HSIEN, 1958: 79; SENIOR-WHITE *et al.*, 1940: 214, 245.

Sarcophaga sinica Rohdendorf, 1930b: 315. Type locality: China: Fujian, Fuzhou [as "Foochow"].

Sarcophaga procax Séguy, 1932: 23 [junior homonym of *Sarcophaga procax* Robineau-Desvoidy, 1863; Diptera: Sarcophagidae]. Type locality: France: Seine-et-Marne, Recluses (probably mislabelled).

Seniorwhitea fuhsia Lehrer, 2008h: 29, syn. nov. Type locality not given.

Comment: The description of *Seniorwhitea fuhsia* is based on drawings of male genitalia of *Seniorwhitea orientalooides* after FAN, 1965 (p. 259, figs 1011-1012) and *Seniorwhitea reciproca* after FAN, 1992 (p. 692, fig. 1364) only. The differences in drawings of FAN and other authors (ROHDENDORF, 1937 etc.) are very petty and reflect the different styles of painters; they should not be used as base for designation of a new species.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Henan, Hubei, Jiangsu, Shaanxi, Shandong, Shanghai (FAN, 1992; KANO *et al.*, 1999), Sichuan (FAN, 1992; FENG, 2011; KANO *et al.*, 1999); Tibet [= Xizang] (CHAO & ZHANG, 1982; FAN, 1965, 1992; KANO *et al.*, 1999). Or: China: Fujian (FAN, 1992; HSIEN, 1958; KANO *et al.*, 1999; ROHDENDORF, 1930b), Guangdong (FAN, 2002; KANO *et al.*, 1999; ROHDENDORF, 1964; ZHANG B. *et al.*, 2010), Guangxi (FAN, 1992; KANO *et al.*, 1999), Hainan (FAN, 1992; HO, 1936; KANO *et al.*, 1999; SHARMA *et al.*, 2017; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968), Hunan (FAN, 1965, 1992; REN *et al.*, 2018), Jiangxi, Yunnan (FAN, 1965, 1992; KANO *et al.*, 1999), Zhejiang (FAN, 1965, 1992; KANO *et al.*, 1999; HO, 1934b; WU W. *et al.*, 2014); Taiwan (BARTÁK *et al.*, 2019; BÖTTCHER, 1912a; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; LOPES, 1961; SENIOR-WHITE *et al.*, 1940; SHARMA *et al.*, 2017; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

Subtribe Sarcophagina Macquart, 1834

Sarcophagina Macquart, 1834: 36 [as "Sarcophagii"].

Sarcophagina: ROHDENDORF, 1965: 679, 691, 694.

95. Genus *Sarcophaga* Meigen, 1826

Sarcophaga Meigen, 1826: 14. Type species: *Musca carnaria* Linnaeus, 1758.

Sarcophaga: FAN, 1965: 225, 253; 1992: 641, 686; POVOLNÝ & VERVES, 1987: 89; ROHDENDORF, 1937: 58, 280; 1965: 691, 694; VERVES, 1986: 180; VERVES & KHROKALO, 2006b: 77, 173.

Sarcophaga (s. str.): PAPE, 1996: 387.

(322) *Sarcophaga variegata* (Scopoli, 1763)

Musca variegata Scopoli, 1763: 326. Type locality: Slovenia: Idrija.

Sarcophaga variegata: FAN, 1992: 687; VERVES & KHROKALO, 2006b: 173.

Sarcophaga (s. str.) variegata: PAPE, 1996: 391.

Sarcophaga carnaria [misidentification, not *Musca carnaria* Linnaeus, 1758]: FAN, 1965: 255; MA G. *et al.*, 2014: 450.

Sarcophaga carnaria carnaria: ROHDENDORF, 1937: 281, 283.

Pa: China: Neimenggu (FAN, 1965, 1992), Shanxi (MA G. *et al.*, 2014), Xinjiang (FAN, 1992).

Subtribe Boettcheriscina Verves, 1989

Boettcheriscina Verves, 1989a: 540.

Boettcheriscina: XUE *et al.*, 2011: 303.

96. Genus *Boettcherisca* Rohdendorf, 1937

Boettcherisca Rohdendorf, 1937: 51, 270. Type species: *Myophora peregrina* Robineau-Desvoidy, 1830.

Boettcherisca: FAN, 1965: 225, 255; 1992: 641, 688; 2002: 86; KURAHASHI *et al.*, 2017: 33; LOPES, 1961: 69; ROHDENDORF, 1965: 684,

694; VERVES, 1986: 161; 1989a: 541; VERVES & KHROKALO, 2006b: 77, 175; XUE & VERVES, 2011: 305.

Sarcophaga (Boettcherisca): PAPE, 1996: 309.

Notochaetomima Rohdendorf, 1937: 273 [as subgenus of *Boettcherisca* Rohdendorf, 1937]. Type species: *Boettcherisca septentrionalis* Rohdendorf, 1937.

Athysiola Baranov, 1938a: 174. Type species: *Athysiola atypica* Baranov, 1934 [= *Sarcophaga invaria* Walker, 1859].

(323) *Boettcherisca formosensis* Kirner & Lopes, 1961

Boettcherisca formosensis Kirner & Lopes, 1961: 65. Type locality: Taiwan: 20th km of Taipei-Taokian road.

Boettcherisca formosensis: BARTÁK *et al.*, 2019: 48; FAN, 1992: 689; 2002: 86; FENG Y., 2011: 548; FENG Y. *et al.*, 2016: 371; KURAHASHI *et al.*, 2017: 37; LOPES, 1961: 70, 79; PAI *et al.*, 2014: 209; VERVES, 1986: 161; 1989a: 542; XIAO, 2010: 464; XUE W. & VERVES, 2011: 305; ZHANG B. *et al.*, 2010: 358.

Sarcophaga (Boettcherisca) formosensis: PAPE, 1996: 310.

Sarcophaga formosensis: LIN & CHEN, 1999: 117; SUGIYAMA *et al.*, 1987: 70.

Pa: China: Sichuan (FENG Y., 2011; FENG Y. *et al.*, 2016). Or: China: Guangdong (FAN, 2002; ZHANG B. *et al.*, 2010), Hong Kong (SO & DUDGEON, 1989a-b, 1990), Zhejiang (FAN, 1992); Taiwan (BARTÁK *et al.*, 2019; KIRNER & LOPES, 1961; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; LOPES, 1961; PAI *et al.*, 2014; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(324) *Boettcherisca nathani* Lopes, 1961.

Boettcherisca nathani Lopes, 1961: 70, 79. Type locality: India: Karikal, Korumbagaram.

Boettcherisca nathani: JI *et al.*, 2011: 478. KANO *et al.*, 1999: 135; VERVES, 1989a: 542; XUE W. & VERVES, 2011: 306.

Sarcophaga (Boettcherisca) nathani: PAPE, 1996: 310.

Boettcherisca chianshanensis Ma Z. 1964: 58. Type locality: China: Liaoning, Chianshan.

Pa: China: Liaoning (MA Z., 1964), Shanghai (JI *et al.*, 2011). Or: China: Yunnan (KANO *et al.*, 1999).

(325) *Boettcherisca peregrina* (Robineau-Desvoidy, 1830)

Myophora peregrina Robineau-Desvoidy, 1830: 356. Type locality: Australia: New South Wales, Port Jackson near Sydney.

Boettcherisca peregrina: BAO, 2001a: 563; 2001b: 98; BARTÁK *et al.*, 2019: 48, 49; CAI *et al.*, 2004: 133; CHE *et al.* 2009: 170; CHEN L. & ZHU, 2014: 24; CHEN X. *et al.*, 2013: 51; FAN, 1965: 257; 1992: 689; 2002: 86; FENG S. *et al.*, 2012: 143; FENG Y., 2011: 548; 2015: 194; FENG Y. *et al.*, 1990: 63; GUO *et al.* 2010a: 451; 2010b: 217; 2011: 1534; 2012: 51; HU *et al.*, 2008: 524; JI *et al.*, 2011: 478; JIA *et al.*, 2010: 442; JIANG *et al.*, 2011: 191; KANO *et al.*, 1968: 82; 1999: 136; KANO & SUGIYAMA, 1983: 47; KURAHASHI *et al.*, 2017: 37; LI K. *et al.*, 2005: 576; LI M. *et al.*, 2014: 550; LIEN & CHEN, 1974: 165; LIU J. *et al.*, 2011: 49; LIU Y. *et al.*, 2011: 325; 2013: 293; LOPES, 1961: 70, 71; MA G. *et al.*, 2014: 449; MA H. *et al.* 2009: 401; PAI *et al.*, 2014: 209; REN *et al.*, 2018: 19; ROHDENDORF, 1937: 270; 1964: 81; SHARMA *et al.*, 2017: 86; SHE *et al.*, 2012: 57; SHI *et al.*, 2009: 425; SUN & REN, 1995: 50; VERVES, 1986: 161; 1989a: 542; VERVES & KHROKALO, 2006b: 175; WANG F. *et al.*, 2011: 480; WANG Y. *et al.*, 2003: 86, 91; 2009: 400; 2012: 233; WEI, 2005: 407; 2007: 526; WU G. *et al.*, 2006a: 22; 2006b: 31; 2014: 116; WU R. *et al.*, 2014: 514; WU W. *et al.*, 2014: 1564; XUE W. & VERVES, 2011: 307; YANG L. *et al.*, 2010: 253; YE G. *et al.*, 2007: 450; ZHANG B. *et al.*, 2010: 358; ZHANG G. *et al.*, 2010: 989; ZHANG G. & ZHANG Z., 2010: 293; ZHANG Q. *et al.* 2014: 342; ZHENG *et al.*, 2010: 510.

Sarcophaga (Boettcherisca) peregrina: PAPE, 1996: 310.

Sarcophaga (s. l.) peregrina: BARANOV, 1941: 389.

Sarcophaga peregrina: CHOU, 1963: 233; HO, 1938: 115; LIN & CHEN, 1999: 117; QUO, 1952: 76, 80, 82, 83; SÉGUY, 1941a: 68, 131; SHIMADA *et al.*, 1961: 33; SUGIYAMA *et al.*, 1987: 75; XIAO, 2010: 464.

Sarcophaga fuscicauda Böttcher, 1912a: 169. Type locality: Taiwan: Tainan.

Boettcherisca fuscicauda: FENG S. *et al.*, 2012: 143; JIANG, 2002: 1445.

Sarcophaga fuscicauda: BARANOV, 1934: 41; BÖTTCHER, 1913: 379; HENNIG, 1941: 185; HO, 1934b: 31; 1936: 212, 264; 1938: 119; SENIOR-WHITE, 1924: 224, 252; SENIOR-WHITE *et al.*, 1940: 215, 272.

Pa: China: Anhui (FAN, 1992; KANO *et al.*, 1999), Beijing (CHE Z. *et al.*, 2009; CHEN L. & ZHU, 2014; FAN, 1992; KANO *et al.*, 1999; ZHENG X. *et al.*, 2010), Chongqing (FENG S. *et al.*, 2012), Gansu (FAN, 1992; GUO *et al.*, 2010a, b; KANO *et al.*, 1999; WANG Y. *et al.*, 2012), Hebei (GUO *et al.*, 2010a, b; KANO *et al.*, 1999; YANG *et al.*, 2010), Heilongjiang (FAN, 1992; KANO *et al.*, 1999), Henan (FAN, 1992; KANO *et al.*, 1999; LIU J. *et al.*, 2012), Hubei (FAN, 1992; KANO *et al.*, 1999; ZHENG X. *et al.*, 2010), Jiangsu (FAN, 1992; HO, 1934b; KANO *et al.*, 1999; ZHENG X. *et al.*, 2010), Jilin (FAN, 1992; KANO *et al.*, 1999; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010; ZHENG X. *et al.*, 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1965, 1992; KANO *et al.*, 1999; ROHDENDORF, 1937), Neimenggu (CAI *et al.*, 2004; FAN, 1992), Ningxia (FAN, 1992; KANO *et al.*, 1999), Qinghai (FAN, 1992; GUO *et al.*, 2010a), Shaanxi (FAN, 1992; KANO *et al.*, 1999; SHE J. *et al.*, 2012; WANG X. *et al.*, 2014), Shandong (CHOU, 1963; GUO *et al.*, 2010a, b; FAN, 1965, 1992; KANO *et al.*, 1999; WANG Y. *et al.*, 2014), Shanghai (FAN, 1965, 1992; JI *et al.*, 2010; KANO *et al.*, 1999; LI M. *et al.*, 2014; MA G. *et al.*, 2014; QUO, 1952; WANG F. *et al.*, 2011; WANG Y. *et al.*, 2009), Shanxi (KANO *et al.*, 1999; LI M. *et al.*, 2014; MA G. *et al.*, 2014; WANG Y. *et al.*, 2009; YANG L. *et al.*, 2010), Sichuan (FAN, 1965, 1992; FENG Y., 2011, 2015; KANO *et al.*, 1999; WANG Y. *et al.*, 2003), Tianjin (FAN, 1965, 1992; KANO *et al.*, 1999), Xinjiang (FAN, 1965, 1992; GUO *et al.*, 2010 b); Tibet [= Xizang] (FAN, 1992; GUO *et al.*, 2010a; KANO *et al.*, 1999). Or: China: Fujian (FAN, 1992, 2002; KANO *et al.*, 1999; ROHDENDORF, 1964; WU R. *et al.*, 2014), Guangdong (FAN, 1965, 1992, 2002; KANO *et al.*, 1999; ROHDENDORF, 1964; SHI *et al.*, 2009; WANG J. *et al.*, 2008; ZHANG S. *et al.*, 2010; ZHENG X. *et al.*, 2010), Guangxi (GUO *et al.*, 2010a, b; KANO *et al.*, 1999), Guizhou (KANO *et al.*, 1999; WEI, 2005, 2007), Hainan (FAN, 1965, 1992; HO, 1936; KANO *et al.*, 1999; SHARMA *et al.*, 2017; SUGIYAMA *et al.*, 1987; ZHANG B. *et al.*, 2010), Hong Kong (KANO *et al.*, 1968; FAN, 1992), Hunan (GUO *et al.*, 2010a, b; JIANG *et al.*, 2011; KANO *et al.*, 1999; LIU Y. *et al.*, 2011, 2013; YANG *et al.*, 2010), Jiangxi (FAN, 1992; KANO *et al.*, 1999; MA H. *et al.*, 2009), Yunnan (FAN, 1965, 1992), Zhejiang (BAO, 2001a, b; FAN, 1992; HO, 1934b; KANO *et al.*, 1999; LI K. *et al.*, 2005; LOPES, 1961; WU W. *et al.*, 2014; YANG *et al.*, 2010; ZHANG Q. *et al.*, 2014); Taiwan (BARANOV, 1941; BARTÁK *et al.*, 2019; BÖTTCHER, 1912a, 1913; HENNIG, 1941; KANO & SUGIYAMA, 1983; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; LIEN & CHEN, 1974; LIN & CHEN, 1999; LOPES, 1961; PAI *et al.*, 2014; SENIOR-WHITE *et al.*, 1940; SHARMA M. *et al.* 2017; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(326) *Boettcherisca septentrionalis* Rohdendorf, 1937

Boettcherisca (Notochaetomima) septentrionalis Rohdendorf, 1937: 271, 273. Type locality: Russia: Primorie, environs of Vladivostok, Iman.

Boettcherisca septentrionalis: FAN, 1965: 690; LOPES, 1961: 78; VERVES, 1986: 161; 1989a: 542; VERVES & KHROKALO, 2006b: 175; XUE W. & VERVES, 2011: 309.

Sarcophaga (Boettcherisca) septentrionalis: PAPE, 1996: 311.

Pa: China: Liaoning (FAN, 1992).

97. Genus *Fanzideia* Xue & Verves, 2011

Fanzideia Xue & Verves, 2011: 304, 311. Type species: *Fanzideia cygnocerca* Xue. & Verves, 2011.

(327) *Fanzideia cygnocerca* Xue & Verves, 2011

Fanzideia cygnocerca Xue & Verves, 2011: 309. Type locality: China: Hainan I., Jianfengling.

Or: China: Hainan (XUE & VERVES, 2011).

(328) *Fanzidea kurahashii* (Shinonaga & Tumrasvin, 1979), comb. nov.

Phallosphaera kurahashii Shinonaga & Tumrasvin, 1979: 141. Type locality: Thailand: Sai Yok, Kanchana Buri.

Lioproctia (*Coonorina*) *kurahashii*: BARTÁK *et al.*, 2019: 48; XUE & VERVES, 2011: 315.

Sarcophaga (*Cornexcisia*) *kurahashii*: WANG *c. et al.*, 2019: 413.

Sarcophaga (*Phallosphaera*) *kurahashii*: PAPE, 1996: 378.

Or: China: Yunnan (Wang C. *et al.*, 2019).

988. Genus *Johnstonimyia* Lopes, 1959

Johnstonimyia Lopes, 1959: 48. Type species: *Sarcophaga kappa* Johnston & Tieggs, 1921.

Johnstonimyia: KANO & LOPES, 1981a: 295; VERVES, 1989a: 542; XUE W. & VERVES, 2011: 304, 311, 313.

Sarcophaga (*Johnstonimyia*): PAPE, 1996: 338.

(329) *Johnstonimyia taiwanensis* (Kano & Lopes, 1969)

Burmanomyia taiwanensis Kano & Lopes, 1969: 522. Type locality: Taiwan: Pen-ch'i-hu [= Fenchihu], Chia-i Hsien.

Burmanomyia taiwanensis: KURAHASHI *et al.*, 2017: 37.

Johnstonimyia taiwanensis: BARTÁK *et al.*, 2019: 48; KANO & LOPES, 1981a: 297; VERVES, 1989a: 542; XUE W. & VERVES, 2011: 313.

Lioproctia taiwanensis: FAN & PAPE, 1996: 251.

Sarcophaga (*Lioproctia*) *taiwanensis*: PAPE, 1996: 345.

Sarcophaga taiwanensis: LIN & CHEN, 1999: 117; SUGIYAMA *et al.*, 1987: 75; 77; XIAO, 2010: 464.

Or: Taiwan (BARTÁK *et al.*, 2019; KANO & LOPES, 1969, 1981a; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

999. Genus *Kramerea* Rohdendorf, 1937

Kramerea Rohdendorf, 1937: 51, 274. Type species: *Sarcophaga schuetzei* Kramer, 1909.

Kramerea: FAN, 1965: 224, 245; 1992: 639, 665; ROHDENDORF, 1965: 685, 694; VERVES, 1986: 162; 1990: 571, 610; VERVES & KHROKALO, 2006b: 77, 175; XUE W. & VERVES, 2011: 304, 313.

Sarcophaga (*Kramerea*): PAPE, 1996: 341.

(330) *Kramerea schuetzei* (Kramer, 1909)

Sarcophaga schuetzei Kramer, 1909: 83. Type locality: Germany: Oberlausitz, Königsholz.

Kramerea schuetzei: BARTÁK *et al.*, 2019: 48; CHEN L. & ZHU, 2014: 24; CHEN X. *et al.*, 2013: 51; FAN, 1965: 245; 1992: 666; FENG Y., 2011: 548; FENG Y. *et al.*, 2016: 371; KURAHASHI *et al.*, 2017: 37; MA G. *et al.*, 2014: 449; ROHDENDORF, 1937: 685, 694; 275; VERVES, 1986: 162; 1990: 588, 611; VERVES & KHROKALO, 2006b: 176; XUE W. & VERVES, 2011: 314; ZHANG G. *et al.*, 2010: 989; ZHANG G. & ZHANG Z., 2010: 293.

Sarcophaga (*Kramerea*) *schuetzei*: PAPE, 1996: 341.

Sarcophaga schuetzei: LIN & CHEN, 1999: 117; SÉGUY, 1941a: 68, 143; SUGIYAMA *et al.*, 1987: 76; XIAO, 2010: 464.

Pa: China: Beijing (CHEN L. & ZHU, 2014; FAN, 1992), Gansu, Heilongjiang, Henan (FAN, 1965, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Neimenggu, Shaanxi (FAN, 1965, 1992), Shanxi (FAN, 1992; MA G. *et al.*, 2014), Sichuan (FAN, 1992; FENG Y., 2011; FENG Y. *et al.*, 2016); Or: Taiwan (BARTÁK *et al.*, 2019; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

100. Genus *Lioproctia* Enderlein, 1928

Lioproctia Enderlein, 1928: 26. Type species: *Lioproctia aurifrons* sensu Enderlein, 1928, not *Sarcophaga aurifrons* Doleschall, 1858 [= *Lioproctia enderleini* Kano & Lopes, 1970].

Lioproctia: FAN & PAPE, 1996: 251; KURAHASHI *et al.*, 2017: 33; VERVES, 1986: 162; 1989a: 541; XUE W. & VERVES, 2011: 305, 314.

Sarcophaga (*Lioproctia*): PAPE, 1996: 343.

Liopyoctia [erroneous subsequent spelling of *Lioproctia*]: FENG Y., 2011: 548.

100.1. Subgenus *Burmanomyia* Fan, 1964

Burmanomyia Fan, 1964: 305, 316 [as genus]. Type species: *Sarcophaga beesoni* Senior-White, 1924.

Lioproctia (*Burmanomyia*): VERVES, 1989a: 541.

Burmanomyia: FAN, 1965: 224, 248; 1992: 639, 662; KURAHASHI *et al.*, 2017: 33; LEHRER & WEI, 2010a: 1; XUE W. & VERVES, 2011: 305, 314.

(331) *Lioproctia* (*Burmanomyia*) *beesoni* (Senior-White, 1924)

Sarcophaga beesoni Senior-White, 1924: 243. Type locality: Myanmar [as "Burma"]: Mohnyin.

Lioproctia (*Burmanomyia*) *beesoni*: BARTÁK *et al.*, 2019: 48; VERVES, 1989a: 542; XUE W. & VERVES, 2011: 315.

Lioproctia beesoni: FENG Y., 2011: 548; KANO *et al.*, 1999: 133; VERVES, 1986: 162; ZHANG B. *et al.*, 2010: 358.

Burmanomyia beesoni: FAN, 1964: 305; 1992: 663; KURAHASHI *et al.*, 2017: 37; LEHRER, 2008f: 12; WENG & ZHOU, 1995: 147.

Burmanomyia (s. str.) *beesoni*: FAN, 1965: 250.

Boettcherisca beesoni: FENG S. *et al.*, 2012: 143.

Sarcophaga (*Lioproctia*) *beesoni*: PAPE, 1996: 344.

Sarcophaga beesoni: LIN & CHEN, 1999: 116; SENIOR-WHITE *et al.*, 1940: 214, 248; SUGIYAMA *et al.*, 1987: 66; XIAO, 2010: 464.

Burmanomyia guanyina LEHRER & WEI, 2010a: 1. Type locality: China: Guizhou, Longli, forest farm.

Pa: China: Anhui (FAN, 1964, 1965, 1992; KANO *et al.*, 1999), Chongqing (FENG S. *et al.*, 2012), Henan, Hubei, Jiangsu, Shanghai (FAN, 1964, 1965, 1992; KANO *et al.*, 1999), Sichuan (FAN, 1965, 1992; FENG Y., 2011; KANO *et al.*, 1999). Or: China: Fujian (FAN, 1992; KANO *et al.*, 1999), Guangdong (FAN, 1992; WENG & ZHOU, 1995; ZHANG B. *et al.*, 2010), Guangxi (FAN, 1992), Guizhou (FAN, 1992; LEHRER & WEI, 2010a), Hainan (FAN, 1992; ZHANG B. *et al.*, 2010), Hunan, Jiangxi, Yunnan, Zhejiang (FAN, 1965, 1992; KANO *et al.*, 1999); Taiwan (BARTÁK *et al.*, 2019; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

100.2. Subgenus *Coonorina* Fan, 1964

Coonorina Fan, 1964: 305, 316 [as subgenus of *Burmanomyia*].
Type species: *Sarcophaga pattoni* Senior-White, 1924.

Lioproctia (*Coonorina*): VERVES, 1989a: 541; XUE W. & VERVES, 2011: 305, 315.

Burmanomyia (*Coonorina*): FAN, 1965: 248.

(322) *Lioproctia* (*Coonorina*) *pattoni* (Senior-White, 1924)

Sarcophaga pattoni Senior-White, 1924: 223, 242. Type locality:
India: Tamil Nadu, Nilgiri Hills, Coonor.

Lioproctia (*Coonorina*) *pattoni*: BARTÁK *et al.*, 2019: 48; VERVES, 1989a: 542; XUE W. & VERVES, 2011: 315.

Lioproctia pattoni: FAN & PAPE, 1996: 251; FENG Y., 2015: 194; KANO *et al.*, 1999: 133; KURAHASHI *et al.*, 2017: 37; LEHRER, 2008f: 15; LOPES & KANO, 1979b: 658; ZHANG B. *et al.*, 2010: 358.

Burmanomyia (*Coonorina*) *pattoni*: FAN, 1964: 305; 1965: 250.

Burmanomyia pattoni: FAN, 1992: 663.

Tricholioproctia pattoni: LOPES, 1954: 274.

Sarcophaga (*Lioproctia*) *pattoni*: PAPE, 1996: 345; ZHANG, M. & ZHANG, 2013: 83.

Sarcophaga pattoni: LIN & CHEN, 1999: 117; SENIOR-WHITE *et al.*, 1940: 214, 248; SUGIYAMA *et al.*, 1987: 75; XIAO, 2010: 464.

Lioproctia kunlunea Lehrer, 2008f: 16. Type locality not given.

Pa: China: Henan, Hubei (FAN, 1964, 1965, 1992; KANO *et al.*, 1999), Sichuan (FAN, 1964, 1965, 1992; FENG Y., 2015; KANO *et al.*, 1999); Or: China: Guangdong (ZHANG B. *et al.*, 2010), Hainan (FAN, 1992), Yunnan (FAN, 1992; KANO *et al.*, 1999); Taiwan (BARTÁK *et al.*, 2019; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017: 37; LIN & CHEN, 1999; SUGIYAMA *et al.*, 1987; XIAO, 2010).

101. Genus *Papesarcophaga* Kurahashi & Kakinuma, 2015

Papesarcophaga Kurahashi & Kakinuma, 2015: 177. Type species:
Papesarcophaga kisarazuensis Kurahashi & Kakinuma, 2015.

Papesarcophaga: KURAHASHI *et al.*, 2017: 33.

(333) *Papesarcophaga tainanensis* Kurahashi, Yang & Kakinuma, 2017

Papesarcophaga tainanensis Kurahashi, Yang & Kakinuma, 2017: 34. Type locality: Taiwan: Tainan County, Tainan City.

Or: Taiwan (KURAHASHI *et al.*, 2017).

102. Genus *Phallosphaera* Rohdendorf, 1938

Phallosphaera Rohdendorf, 1938: 107. Type species:
Phallosphaera konakovi Rohdendorf, 1938.

Yunnanomyia Fan, 1964: 305, 316, as subgenus of *Phallosphaera* Rohdendorf, 1938. Type-species: *Sarcophaga gravellyi* Senior-White, 1924.

Phallosphaera: FAN, 1965: 225, 250; 1992: 639, 663; KANO & LOPES, 1981b: 575; KURAHASHI *et al.*, 2017: 33; LEHRER & WEI, 2011b: 1; ROHDENDORF, 1965: 685, 694; 685, 694; VERVES, 1986: 173; 1989a: 542; VERVES & KHROKALO, 2006b: 77, 176; XUE W. & VERVES, 2011: 304, 317, 319.

Sarcophaga (*Phallosphaera*): PAPE, 1996: 378.

(334) *Phallosphaera amica* Ma, 1964

Phallosphaera amica Ma Z., 1964: 56, 62. Type locality: China:
Liaoning, Ch'ienshan.

Phallosphaera amica: FAN, 1992: 665; KANO & LOPES, 1981b: 577; VERVES, 1986: 174; 1989a: 542; XUE W. & VERVES, 2011: 317; ZHANG G. & ZHANG Z., 2010: 293.

Phallosphaera (*Yunnanomyia*) *amica*: FAN, 1965: 253.

Sarcophaga (*Phallosphaera*) *amica*: PAPE, 1996: 378.

Pa: China: Jilin (ZHANG G. & ZHANG Z., 2010), Liaoning (FAN, 1965, 1992; MA Z., 1964; VERVES, 1986).

(335) *Phallosphaera gravellyi* (Senior-White, 1924)

Sarcophaga gravellyi Senior-White, 1924: 222, 224, 229. Type locality: India: Tamil Nadu, Nilgiri Hills, Kallar [as "Kulla"].

Phallosphaera gravellyi: BARTÁK *et al.*, 2019: 48, 52; FAN & PAPE, 1996: 254; FENG S. *et al.*, 2012: 143; FENG Y., 2015: 195; GUO *et al.* 2012: 51; HSIEN, 1958: 79. Ji *et al.*, 2011: 478; KANO & LOPES, 1981b: 577; KANO *et al.*, 1999: 134; KURAHASHI *et al.*, 2017: 37; LEHRER & WEI, 2011b: 1; VERVES, 1986: 174; 1989a: 542; VERVES & KHROKALO, 2006b: 177; XUE W. & VERVES, 2011: 317; ZHANG G. & ZHANG Z., 2010: 293.

Phallosphaera (*Yunnanomyia*) *gravellyi*: FAN, 1964: 305, 316; 1965: 253; 1992: 664; WEI, 2005: 406; 2006: 546.

Sarcophaga (*Phallosphaera*) *gravellyi*: PAPE, 1996: 378.

Sarcophaga gravellyi: LIN & CHEN, 1999: 117; SENIOR-WHITE *et al.*, 1940: 213, 224; SHIMADA *et al.*, 1961: 33; SUGIYAMA *et al.*, 1987: 70; XIAO, 2010: 464.

Sarcophaga longicornis Böttcher, 1912a: 166 [junior homonym of *Sarcophaga longicornis* Macquart, 1843; Diptera: Sarcophagidae]. Type-locality: Taiwan: Dafulin [as "Taihorinsho"]

Phallosphaera longicornis: LEHRER, 2008f: 19; LEHRER & WEI, 2011b: 3.

Sarcophaga formosana Senior-White, 1924: 243 [new replacement name for *Sarcophaga longicornis* Böttcher, 1912].

Sarcophaga formosana: SENIOR-WHITE *et al.*, 1940: 250; SHIMADA *et al.*, 1961: 33.

Sarcophaga kinoshitai Hori, 1954b: 45. Type-locality: Japan: Honshu, Ishikawa Prefecture, Mt Shiritaka.

Phallosphaera huangdinia Lehrer, 2008f: 17. Type locality not given.

Phallosphaera yelangioops Lehrer & Wei, 2011b: 6, syn. nov. Type locality: China: Guizhou, Yelang.

Comment: The original description and drawings of genitalia (Fig. 5 at pl. 9) of male *Sarcophaga gravellyi* Senior-White, 1924 are practically not different from those of *Phallosphaera yelangioops* Lehrer & Wei, 2011 (Fig. 10 at p. 7).

Pa: China: Chongqing (FENG S. *et al.*, 2012), Hubei, Liaoning, Shaanxi (FAN, 1965, 1992; KANO *et al.*, 1999), Shanghai (JI *et al.*, 2011), Sichuan (FAN, 1965, 1992; FENG Y., 2015; KANO *et al.*, 1999). Or: China: Fujian (FAN, 1992; HSIEN, 1958; KANO *et al.*, 1999), Guangdong (FAN, 1992; KANO *et al.*, 1999; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG, 2010), Guizhou (WEI, 2005, 2006), Hunan, Yunnan, Zhejiang (FAN, 1965, 1992; KANO *et al.*, 1999); Taiwan (BARTÁK *et al.*, 2019; BÖTTCHER, 1913; KANO & LOPES, 1981; KANO *et al.*, 1999; KURAHASHI *et al.*, 2017; LIN & CHEN, 1999; SHIMADA *et al.*, 1961; SUGIYAMA *et al.*, 1987; XIAO, 2010).

(336) *Phallosphaera konakovi* Rohdendorf, 1938

Phallosphaera konakovi Rohdendorf, 1938: 107. Type locality: Russia: Primorie, Sikhote-Alin State Reservation.

Phallosphaera konakovi: BARTÁK *et al.*, 2019: 48; FENG S. *et al.*, 2012: 143; FENG Y., 2011: 548; KANO & LOPES, 1981b: 577; LEHRER & WEI, 2011b: 3; VERVES, 1986: 174; 1989a: 542; VERVES & KHROKALO,

2006b: 177; XUE W. & VERVES, 2011: 319; ZHANG G. *et al.*, 2010: 989; ZHANG G. & ZHANG Z., 2010: 293.

Phallosphaera (s. str.) *konakovi*: FAN, 1965: 252; 1992: 663.

Sarcophaga (*Phallosphaera*) *konakovi*: PAPE, 1996: 378.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Heilongjiang (FAN, 1992), Jilin (FAN, 1992; ZHANG G. *et al.*, 2010; ZHANG G. & ZHANG Z., 2010), Liaoning, Neimenggu, Shaanxi (FAN, 1965, 1992), Sichuan (FAN, 1965, 1992; FENG Y., 2011). Or: China: Yunnan (FAN, 1965, 1992).

103. Genus *Rosellea* Rohdendorf, 1937

Rosellea Rohdendorf, 1937: 242. Type species: *Sarcophaga aratrix* Pandellé, 1896.

Rosellea: FAN & PAPE, 1996: 256; LEHRER, 2010b: 4; LOPES *et al.*, 1977: 573; VERVES, 1989a: 542; 1990: 571, 611; VERVES & KHROKALO, 2006b: 177; XUE W. & VERVES, 2011: 304, 319.

Parasarcophaga (*Rosellea*): FAN, 1965: 2643; 1992: 713; ROHDENDORF, 1965: 687, 693; VERVES, 1986: 172.

Sarcophaga (*Rosellea*): PAPE, 1996: 386.

Coeisca Rohdendorf, 1966: 459 [as subgenus of *Boettcherisca* Rohdendorf, 1937]. Type-species: *Sarcophaga khasiensis* Senior-White, 1924.

Leigongshanophaga Lehrer & Wei, 2010b: 8. Type species: *Sarcophaga catoptosa* Wei & Yang, 2007.

(337) *Rosellea aratrix* (Pandellé, 1896)

Sarcophaga aratrix Pandellé, 1896: 191. Type locality: France: Hautes-Pyrénées, Tarbes.

Rosellea aratrix: VERVES, 1989a: 542; 1990: 591, 610; VERVES & KHROKALO, 2006b: 178; XUE W. & VERVES, 2011: 319.

Parasarcophaga (*Rosellea*) *aratrix*: FAN, 1992: 711; ROHDENDORF, 1937: 243; VERVES, 1986: 172; 1989a: 542.

Parasarcophaga aratrix: KANO *et al.*, 1999: 138.

Sarcophaga (*Rosellea*) *aratrix*: PAPE, 1996: 386.

Sarcophaga aratrix: SÉGUY, 1941: 75.

Pa: China: Liaoning, Neimenggu (FAN, 1992; XUE W. & VERVES, 2011).

(338) *Rosellea catoptosa* (Wei & Yang, 2007)

Sarcophaga catoptosa Wei & Yang, 2007: 531. Type locality: China: Guizhou, Leigongshan National Nature Reserve.

Rosellea catoptosa: XUE W. & VERVES, 2011: 320.

Leigongshanophaga catoptosa: LEHRER & WEI, 2010: 10.

Or: China: Guizhou (WEI & YANG, 2007).

(339) *Rosellea gigas* (Thomas, 1949)

Sarcophaga gigas Thomas, 1949: 166. Type locality: China: Sichuan, Chungking, Koloshan.

Rosellea gigas: FAN, 1992: 711; FENG Y., 2015: 195; VERVES, 1989a: 542; VERVES & KHROKALO, 2006b: 178; XUE W. & VERVES, 2011: 320.

Parasarcophaga (*Rosellea*) *gigas*: FAN, 1965: 280; VERVES, 1986: 172.

Parasarcophaga gigas: CHEN X. *et al.*, 2013: 51; FENG S. *et al.*, 2012: 143; WANG Y. *et al.*, 2012: 233; ZHANG Q. *et al.*, 2014: 342.

Sarcophaga (*Rosellea*) *gigas*: PAPE, 1996: 386.

Pa: China: Chongqing (FENG S. *et al.*, 2012), Gansu (WANG Y. *et al.*, 2012), Heilongjiang, Henan, Hubei, Jiangsu (FAN, 1992; PAPE, 1996), Liaoning (CHEN X. *et al.*, 2013; FAN, 1992), Sichuan (FAN, 1992; FENG Y., 2015). Or: China: Yunnan (FAN, 1992), Zhejiang (FAN, 1992; ZHANG Q. *et al.*, 2014).

(340) *Rosellea khasiensis* (Senior-White, 1924)

Sarcophaga khasiensis Senior-White, 1924: 246. Type locality: India: Assam, Cherrapunji, Khasi Hills.

Rosellea khasiensis: BARTÁK *et al.*, 2019: 48, 52; FAN & PAPE, 1996: 256; VERVES, 1989a: 542; XUE W. & VERVES, 2011: 320.

Parasarcophaga (*Rosellea*) *khasiensis*: FAN, 1965: 261; 1992: 711.

Parasarcophaga khasiensis: KANO *et al.*, 1999: 139.

Tricholiproctia khasiensis: LOPES, 1954: 274.

Sarcophaga (*Rosellea*) *khasiensis*: PAPE, 1996: 387.

Sarcophaga khasiensis: SENIOR-WHITE *et al.*, 1940: 225.

Rosellea longwangiana Lehrer & Wei, 2010a: 2. Type locality: China: Guizhou, Ziyun, Bandang.

Pa: China: Sichuan (FAN, 1992; KANO *et al.*, 1999); Or: China: Guizhou (LEHRER & WEI, 2010a), Yunnan (FAN, 1992; KANO *et al.*, 1999).

(341) *Rosellea suthep* (Pape & Bänziger, 2003)

Sarcophaga (*Rosellea*) *suthep* Pape & Bänziger, 2003: 52. Type locality: Thailand: Chiang Mai Province, Doi Suthep, above Sangwal School.

Sarcophaga (*Cornexcisia*) *suthep*: WANG C. *et al.*, 2019: 415, 418.

Rosellea suthep: BARTÁK *et al.*, 2019: 48; XUE W. & VERVES, 2011: 321.

Leigongshanophaga suthep: LEHRER & WEI, 2010a: 8, 10.

Or: China: Guizhou (WEI & YANG, 2007).

104. Genus *Takanoa* Rohdendorf, 1965

Takanoa Rohdendorf, 1965: 690, 694. Type species: *Sarcophaga hokusana* Hori, 1954.

Takanoa: LEHRER, 2010e: 11; VERVES, 1986: 178; 1989a: 541; VERVES & KHROKALO, 2006b: 77, 178; XUE W. & VERVES, 2011: 304, 322.

Sarcophaga (*Takanoa*): PAPE, 1996: 410.

(342) *Takanoa hokusana* (Hori, 1954)

Sarcophaga hokusana Hori, 1954b: 49. Type locality: Japan: Honshu, Ishikawa Prefecture, Mt. Hakusan.

Takanoa hokusana: FAN & PAPE, 1996: 257; ROHDENDORF, 1965: 694; VERVES, 1986: 172; 1989a: 542; VERVES & KHROKALO, 2006b: 178; XUE W. & VERVES, 2011: 322; ZHANG B. *et al.*, 2010: 360.

Takanoa verversiana Lehrer, 2010e: 12. Type locality: not given.

Sarcophaga (*Takanoa*) *hokusana*: PAPE, 1996: 410.

Pa: China: Liaoning (PAPE, 1996). Or: China: Guangdong (ZHANG B. *et al.*, 2010).

105. Genus *Ziminisca* Rohdendorf, 1965

Ziminisca Rohdendorf, 1965: 689, 693 [as subgenus of *Parasarcophaga* Johnston & Tiegs, 1921]. Type species: *Sarcophaga semenovi* Rohdendorf, 1925.

Parasarcophaga (Ziminisca): VERVES, 1986: 173.

Ziminisca: VERVES, 1989a: 541; XUE W. & VERVES, 2011: 304, 322.

Sarcophaga (Ziminisca): PAPE, 1996: 415.

(343) *Ziminisca semenovi* (Rohdendorf, 1925)

Sarcophaga semenovi Rohdendorf, 1925d: 121. Type locality: Kazakhstan: "Kulandy-Aral, Turkestan, Aralsee".

Ziminisca semenovi: FAN & PAPE, 1996: 257; VERVES, 1989a: 542; 1990: 588, 611; XUE W. & VERVES, 2011: 322.

Parasarcophaga (Ziminisca) semenovi: FAN, 1965: 268; 1992: 703; ROHDENDORF, 1965: 689; VERVES, 1986: 173.

Parasarcophaga (Liosarcophaga) semenovi: ROHDENDORF, 1937: 207.

Sarcophaga (Ziminisca) semenovi: PAPE, 1986: 415.

Sarcophaga linearis Villeneuve, 1936: 8. Type locality: China: Xinjiang, Bugas.

Parasarcophaga (Ziminisca) linearis: CHEN L. *et al.*, 2015: 323.

Pa: China: Gansu, Jilin, Ningxia (FAN, 1965, 1992), Xinjiang (CHEN L. *et al.*, 2015; FAN, 1992; VILLENEUVE, 1936).

DISCUSSION

The results of studying of sarcophagids of People's Republic of China, Tibet and Taiwan are presented in Appendix 1. The differences in sizes and natural conditions of different administrative unites are unreliable for constatation of real degree of studying of their faunas. Total number of sarcophagids' species is 343, i. e. for People's Republic of China – 315, for Tibet – 34 and Taiwan – 63. Only Taiwan fauna is known detaily; other two faunas have been studied not more than about of 80-90%. The number of known species from Palaearctic part of China (267) more than twice exceeded as such from Oriental part (128). The largest numbers of species are known from Neimenggu (92), Sichuan (87), Liaoning (84), Xinjiang (75), Yunnan (73), Shanxi (61), Jilin (58), and Guangdong (53). Those datae compose from 25 to 46 species for majority of provinces, and below 20 only for 4 ones: Jiangxi (17), Hong Kong (16), Anhui (8), and Tianjin (6).

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Territory	Macronychiinae	Miltogrammiinae	Eumacronychiinae	Paramacronychiinae	Sarcophagidae	Sum
Anhui	-	-	-	-	8	8
Beijing	1	8	-	5	29	43
Chongqing	-	2	-	-	27	29
Gansu	1	6	-	5	34	46
Hebei	-	9	-	3	34	46
Heilongjiang	-	5	-	5	37	47
Henan	-	4	-	-	38	42
Hubei	-	-	-	-	30	30
Jiangsu	-	3	-	1	31	35
Jilin	-	5	-	3	50	58
Liaoning	-	4	1	3	76	84
Neimenggu	3	36	1	16	36	92
Ningxia	-	2	-	6	24	32
Qinghai	-	5	-	8	17	30
Shaanxi	-	4	-	1	34	39
Shandong	-	2	-	2	31	35
Shanghai	-	3	3	1	31	38
Shanxi	-	11	-	6	44	61
Sichuan	-	12	-	7	68	87
Tianjin	-	-	-	-	6	6
Xinjiang	-	26	1	17	41	75
Pa China, sum	4	80	4	28	150	267
Fujian	-	2	2	1	21	26
Guangdong	-	2	1	-	50	53
Guangxi	-	1	-	-	24	25
Guizhou	-	4	-	-	42	46
Hainan	-	5	-	-	30	35
Hong Kong	-	2	-	-	14	16
Hunan	-	1	-	-	27	28
Jiangxi	-	3	-	-	14	17
Yunnan	-	13	-	3	57	73
Zhejiang	-	5	1	-	40	46
Or China, sum	-	23	2	3	100	128
Total China, sum	4	93	4	29	183	316
Tibet [Xizang]	1	5	-	5	23	34
Taiwan	1	12	2	-	49	63
Total sum	4	98	4	29	205	342

Appendix 1. Numbers of Sarcophagidae species in different regions and total of China.

Apéndice 1. Número de especies de Sarcophagidae en las diferentes regiones y en el conjunto de China.



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