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NEW FAUNISTIC DATA ON SARCOPHAGIDAE (DIPTERA) FROM CROATIA

Вервес, Ю. Г., Бартак, М. Нови фаунистични дані про Sarcophagidae (Diptera) Хорватії. *Вісник Харківського ентомологічного товариства*. 2021. Т. XXIX, вип. 1. С. 71–76. DOI: 10.36016/KhESG-2021-29-1-6.

Представлений список 33 видів Sarcophagidae, зібраних на території Хорватії у 2003, 2014 та 2019 роках. Шість видів уперше вказані для Хорватії: *Amobia oculata* (Zetterstedt, 1844); *Taxigramma heteroneura* (Meigen, 1830); *Phrosinella nasuta* (Meigen, 1824); *Heteronychia* (s. str.) *rohdendorfi* (Povolný et Slamečková, 1959); *Sarcophaga disputata* Lehrer, 1967; *Sarcophaga vulgaris* Rohdendorf, 1937. Загальне число відомих видів становить 156, що складає не менш ніж 80–90% регіональної фауни — згідно з фаунистичним списком на підставі порівняльного аналізу літературних даних для Хорватії та прилеглих територій. 23 назв.

Ключові слова: сірі м'ясні мухи, фауна, біорізноманіття.

Вервес, Ю. Г., Бартак, М. Новые фаунистические данные о Sarcophagidae (Diptera) Хорватии. *Известия Харьковского энтомологического общества*. 2021. Т. XXIX, вып. 1. С. 71–76. DOI: 10.36016/KhESG-2021-29-1-6.

Представлен список 33 видов Sarcophagidae, собранных на территории Хорватии в 2003, 2014 и 2019 годах. Шесть видов впервые указаны для Хорватии: *Amobia oculata* (Zetterstedt, 1844); *Taxigramma heteroneura* (Meigen, 1830); *Phrosinella nasuta* (Meigen, 1824); *Heteronychia* (s. str.) *rohdendorfi* (Povolný et Slamečková, 1959); *Sarcophaga disputata* Lehrer, 1967; *Sarcophaga vulgaris* Rohdendorf, 1937. Общее число известных видов равно 156, что составляет не менее чем 80–90% региональной фауны — согласно фаунистическому списку на основе сравнительного анализа литературных данных для Хорватии и прилегающих территорий. 23 назв.

Ключевые слова: серые мясные мухи, фауна, биоразнообразие.

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A list of 33 species of Sarcophagidae collected in Croatia in 2003, 2014 and 2019 is presented. Six species were first mentioned for the territory of Croatia: *Amobia oculata* (Zetterstedt, 1844); *Taxigramma heteroneura* (Meigen, 1830); *Phrosinella nasuta* (Meigen, 1824); *Heteronychia* (s. str.) *rohdendorfi* (Povolný et Slamečková, 1959); *Sarcophaga disputata* Lehrer, 1967; *Sarcophaga vulgaris* Rohdendorf, 1937. The total number of known species is 156, which is not less than 80–90% of the regional fauna of the full regional faunistic list according to the comparative analysis of literature data from Croatia and neighboring territories. 23 refs.

Keywords: flesh flies, fauna, biodiversity.

Introduction. In a first time records on several sarcophagid species from territory of recent Croatia were published by Schiner (1862), Böttcher (1913) and Langoffer (1920). The main faunistic data were accumulated and published by Baranov (1928, 1929, 1930, 1938, 1941, 1942), and later by Strukan (1967a, 1967b, 1968, 1970), Povolný (1986) and Whitmore (2011). Recently Krčmar *et al.* (2019) published a list of 148 Croatian species. The data on two species, *Paragusia multipunctata* after Baranov (1938), and *Blaesoxipha colorata* after Verves and Barták (2017), were erroneously not included in this list. Thus, the total list has been consisted of 150 species.

Materials and methods. In recent publication, checklist of 33 species of Sarcophagidae, collected in Croatia in 2014 and 2019 by Czech entomologists B. Kokan and B. Sladonia, and in 2003 by Prof. K. Szpila (Institute of Ecology and Environmental Protection [Instytut Ekologii i Ochrony Środowiska], Torun, Poland), is present. The dry pinned flies were determined after the keys of Baranov (1942), Povolný and Verves (1997), and Zerova *et al.* (2006). The main part of materials are deposited in collection of Czech University of Life Sciences, Prague, Czech Republic (CULSP), some specimens in the collection of the Institute for Evolutionary Ecology, Kyiv, Ukraine (IEE). The authors declare that they have no conflict of interest. All geographical data are given according the original spelling according labels, and the previous publications on Croatian sarcophagids are cited after species name too.

Abbreviation and sign in text:

MT — Malaise Trap;

* — species in a first time reported from Croatian territory.

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Results and discussions.

Family SARCOPHAGIDAE Macquart, 1835

Genus *Amobia* Robineau-Desvoidy, 1830

Amobia oculata (Zetterstedt, 1844) *

Material. Gorni Muć, 500 m a. s. l., abandoned garden, MT, 43°41'27"N, 16°29'44"E, 24.08–14.09.2014 (B. Kokan) — 1 ♀ (CULSP).

Genus *Taxigramma* Macquart, 1850

Taxigramma heteroneura (Meigen, 1830) *

Material. Gorni Muć, 500 m a. s. l., abandoned garden, MT, 43°41'27"N, 16°29'44"E, 24.05–8.06, 21.07–10.08.2014 (B. Kokan) — 2 ♂♂ (CULSP).

Genus *Hilarella* Rondani, 1856

Hilarella stictica (Meigen, 1830)

References. Krčmar *et al.*, 2019; Schiner, 1862.

Material. Gorni Muć, 500 m a. s. l., abandoned garden, MT, 43°41'27"N, 16°29'44"E, 24.08–14.09.2014 (B. Kokan) — 1 ♀ (CULSP).

Genus *Paragusia* Schiner, 1861

Paragusia multipunctata (Rondani, 1859)

References. Baranov, 1938.

Material. Gorni Muć, 500 m a. s. l., abandoned garden, MT, 43°41'27"N, 16°29'44"E, 24.05–8.06.2014 (B. Kokan) — 3 ♂♂, 1 ♀ (CULSP); *ibid.*, 10–24.08.2016 — 2 ♂♂ (CULSP); *ibid.*, 24.08–14.09.2014 — 1 ♂, 1 ♀ (CULSP).

Genus *Phrosinella* Robineau-Desvoidy, 1863

Phrosinella (s. str.) *nasuta* (Meigen, 1824) *

Material. Gorni Muć, 500 m a. s. l., abandoned garden, MT, 43°41'27"N, 16°29'44"E, 29.06–20.07.2014 (B. Kokan) — 1 ♂ (CULSP).

Genus *Metopodia* Brauer et Bergenstamm, 1891

Metopodia pilicornis (Pandellé, 1895)

References. Krčmar *et al.*, 2019; Szpila, 2010.

Material. Gorni Muć, 500 m a. s. l., abandoned garden, MT, 43°41'27"N, 16°29'44"E, 10.08–14.09.2014 (B. Kokan) — 2 ♀♀ (CULSP).

Genus *Nyctia* Robineau-Desvoidy, 1830

Nyctia halterata (Panzer, 1798)

References. Baranov, 1928; Britvec, 2000; Krčmar *et al.*, 2019; Langhoffer, 1920; Verves, Barták, 2017.

Material. Slano (near Dubrovnik), 13–20.08.2003 (K. Szpila) — 1 ♀ (IEE).

Genus *Blaesoxipha* Loew, 1861

Blaesoxipha colorata Verves, 1985

References. Verves, Barták, 2017.

Material. Slano (near Dubrovnik), 13–20.08.2003 (K. Szpila) — 1 ♂ (IEE).

Genus *Helicophagella* Enderlein, 1928

Helicophagella (s. str.) *agnata* (Rondani, 1860)

References. Baranov, 1929, 1942; Krčmar *et al.*, 2019.

Material. Poreč, Swissino baited trap near bee hive, 45.207, 13.605, 13 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Helicophagella (Parabellieria) melanura (Meigen, 1826)

References. Baranov, 1928, 1929, 1942; Krčmar *et al.*, 2019; Langhoffer, 1920.

Material. Seget, Swissino baited trap near bee hive, 45.411, 13.543, 22 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Genus *Heteronychia* Brauer et Bergenstamm, 1889

Heteronychia (s. str.) depressifrons (Zetterstedt, 1845)

References. Baranov, 1929, 1942; Böttcher, 1913; Krčmar *et al.*, 2019; Whitmore, 2011.

Material. Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 4 ♂♂ (CULSP); Livade, Swissino baited trap near bee hive, 45.357, 13.837, 36 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 3 ♂♂ (CULSP); Poreč, Swissino baited trap near bee hive, 45.207, 13.605, 13 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 5 ♂♂ (CULSP, IEE); Seget, Swissino baited trap near bee hive, 45.411, 13.543, 22 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Heteronychia (s. str.) gigas (Povolný, 1986)

References. Krčmar *et al.*, 2019; Povolný, 1986.

Material. Gornji Muć, 500 m a. s. l., abandoned garden, MT, 43°41'27"N, 16°29'44"E, 24.08.–14.09.2014 (B. Kokan) — 1 ♂ (CULSP).

Heteronychia (s. str.) haemorrhoea (Meigen, 1826)

References. Baranov, 1929, 1942; Krčmar *et al.*, 2019; Langhoffer, 1920; Whitmore, 2011.

Material. Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Kršete, Swissino baited trap near bee hive, 45.397, 13.612, 91 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Livade, Swissino baited trap near bee hive, 45.357, 13.837, 36 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 2 ♂♂ (CULSP); Nova Vas, Swissino baited trap near bee hive, 45.265, 13.659, 126 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Poreč, Swissino baited trap near bee hive, 45.207, 13.605, 15 m a. s. l., 10.09–15.10.2019 (B. Sladonia) — 2 ♂♂ (CULSP).

Heteronychia (s. str.) pandellei (Rohdendorf, 1937)

References. Krčmar *et al.*, 2019.

Material. Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Heteronychia (s. str.) rohdendorfi (Povolný et Slamečková, 1959) *

Material. Markovići, Swissino baited trap near bee hive, 45.330, 13.728, 265 m a. s. l., 19.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Poreč, Swissino baited trap near bee hive, 45.207, 13.605, 15 m a. s. l., 10.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Heteronychia (Pandelleola) filia (Rondani, 1860)

References. Baranov, 1928, 1929, 1938, 1942; Krčmar *et al.*, 2019; Whitmore, 2011.

Material. Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 2 ♂♂ (CULSP); Seget, Swissino baited trap near bee hive, 45.411, 13.543, 22 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Genus *Karovia* Lehrer, 1995

Karovia hirticrus (Pandellé, 1896)

References. Baranov, 1928, 1929, 1942; Krčmar *et al.*, 2019; Langhoffer, 1920.

Material. Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Brčići, Swissino baited trap near bee hive, 45.264, 13.666, 136 m, 10.ix–15.x.2019 (B. Sladonia), 1 ♂ (CULSP); Institut, Swissino baited trap near bee hive, 45.222, 13.604, 20 m a. s. l., 13.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Livade, Swissino baited trap near bee hive, 45.357, 13.837, 36 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Mareda, Swissino baited trap near bee hive, 45.337, 13.547, 14 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Poreč, Swissino baited trap near bee hive, 45.207, 13.605, 15 m a. s. l., 10.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Radoši, Swissino baited trap near bee hive, 45.219, 13.660, 206 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Genus *Phytosarcophaga* Rohdendorf, 1937

Phytosarcophaga destructor (Malloch, 1929)

References. Britvec, 2004; Krčmar *et al.*, 2019; Strukan, 1968.

Material. Seget, Swissino baited trap near bee hive, 45.411, 13.543, 22 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 6 ♂♂ (CULSP).

Genus *Bellieriomima* Rohdendorf, 1937

Bellieriomima subulata (Pandellé, 1896)

References. Baranov, 1929, 1942; Krčmar *et al.*, 2019.

Material. Livade, Swissino baited trap near bee hive, 45.357, 13.837, 36 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Poreč, Swissino baited trap near bee hive, 45.207, 13.605, 13 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 2 ♂♂ (CULSP).

Genus *Myorhina* Robineau-Desvoidy, 1830

Myorhina (s. str.) *nigriventris* (Meigen, 1826)

References. Baranov, 1928, 1929, 1941, 1942; Krčmar *et al.*, 2019.

Material. Gornji Muć, 500 m a. s. l., abandoned garden, MT, 43°41'27"N, 16°29'44"E, 28.09–10.10.2014 (B. Kokan) — 1 ♂ (CULSP).

Genus *Bercaea* Robineau-Desvoidy, 1863

Bercaea *africa* (Wiedemann, 1824)

References. Baranov, 1928, 1929, 1938, 1942; Britvec, 2000; Krčmar *et al.*, 2019; Langhoffer, 1920; Strukan, 1970.

Material. Brčići, Swissino baited trap near bee hive, 45.264, 13.666, 136 m a. s. l., 10.09–15.10.2019 (B. Sladonia) — 4 ♂♂ (CULSP); Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 4 ♂♂ (CULSP); Institut, Swissino baited trap near bee hive, 45.222, 13.604, 20 m a. s. l., 13.09–15.10.2019 (B. Sladonia) — 3 ♂♂ (CULSP); Poreč, Swissino baited trap near bee hive, 45.207, 13.605, 15 m a. s. l., 10.09–15.10.2019 (B. Sladonia) — 4 ♂♂ (CULSP); Seget, Swissino baited trap near bee hive, 45.411, 13.543, 22 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Genus *Liopygia* Enderlein, 1928

Liopygia (*Jantia*) *crassipalpis* (Macquart, 1838)

References. Britvec, 2004; Krčmar *et al.*, 2019; Schiner, 1862; Strukan, 1970.

Material. Mareda, Swissino baited trap near bee hive, 45.337, 13.547, 14 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Liopygia (*Thomsonia*) *argyrostoma* (Robineau-Desvoidy, 1830)

References. Baranov, 1942; Britvec, 2000, 2004; Krčmar *et al.*, 2019; Strukan, 1970.

Material. Brčići, Swissino baited trap near bee hive, 45.264, 13.666, 136 m a. s. l., 10.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Markovići, Swissino baited trap near bee hive, 45.330, 13.728, 265 m a. s. l., 19.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Poreč, Swissino baited trap near bee hive, 45.207, 13.605, 15 m a. s. l., 10.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Genus *Liosarcophaga* Enderlein, 1928

Liosarcophaga (*Curranea*) *tibialis* (Macquart, 1850)

References. Baranov, 1942; Britvec, 2004; Krčmar *et al.*, 2019; Strukan, 1970.

Material. Brčići, Swissino baited trap near bee hive, 45.264, 13.666, 136 m a. s. l., 10.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Institut, Swissino baited trap near bee hive, 45.222, 13.604, 20 m a. s. l., 13.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Kućibreg, Swissino baited trap near bee hive, 45.357, 13.837, 432 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Livade, Swissino baited trap near bee hive, 45.357, 13.837, 36 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Markovići, Swissino baited trap near bee hive, 45.330, 13.728, 265 m a. s. l., 19.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Mareda, Swissino baited trap near bee hive, 45.337, 13.547, 14 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Liosarcophaga (s. str.) *emdeni* (Rohdendorf, 1969)

References. Baranov, 1928, 1929, 1942; Krčmar *et al.*, 2019; Langhoffer, 1920.

Material. Benčani, Swissino baited trap near bee hive, 45.283, 13.740, 296 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂; Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 4 ♂♂; Livade, Swissino baited trap near bee hive, 45.357, 13.837, 36 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂; Mareda, Swissino baited trap near bee hive, 45.337, 13.547, 14 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂.

Liosarcophaga (s. str.) *teretirostris* (Pandellé, 1896)

References. Baranov, 1942; Britvec, 2004; Strukan, 1970.

Material. Kršete, Swissino baited trap near bee hive, 45.397, 13.612, 91 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Genus *Parasarcophaga* Johnston et Tiegs, 1921

Parasarcophaga (s. str.) *albiceps* (Meigen, 1826)

References. Baranov, 1928, 1929, 1942; Britvec, 2004; Langhoffer, 1920; Strukan, 1970.

Material. Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Institut, Swissino baited trap near bee hive, 45.222, 13.604, 20 m a. s. l., 13.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Kršete, Swissino baited trap near bee hive, 45.397, 13.612, 91 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Kućibreg, Swissino baited trap near bee hive, 45.357, 13.837, 432 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Poreč, Swissino baited trap near bee hive, 45.207, 13.605, 13 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Genus *Rosellea* Rohdendorf, 1937

Rosellea aratrix (Pandellé, 1896)

References. Baranov, 1928, 1929, 1942; Britvec, 2000; Krčmar *et al.*, 2019; Langhoffer, 1920; Strukan, 1970.

Material. Benčani, Swissino baited trap near bee hive, 45.283, 13.740, 296 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 2 ♂♂ (CULSP); Kršete, Swissino baited trap near bee hive, 45.397, 13.612, 91 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 4 ♂♂ (CULSP); Kućibreg, Swissino baited trap near bee hive, 45.357, 13.837, 432 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 2 ♂♂ (CULSP); Mareda, Swissino baited trap near bee hive, 45.337, 13.547, 14 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Nova Vas, Swissino baited trap near bee hive, 45.265, 13.659, 126 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Genus *Sarcophaga* Meigen, 1826

Sarcophaga adriatica Böttcher, 1913

References. Baranov, 1929, 1930, 1942; Britvec, 2004; Böttcher, 1913a, 1913b; Krčmar *et al.*, 2019; Strukan, 1967a.

Material. Radoši, Swissino baited trap near bee hive, 45.219, 13.660, 206 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Sarcophaga baranoffi Rohdendorf, 1937

References. Baranov, 1942; Britvec, 2000; Krčmar *et al.*, 2019; Rohdendorf, 1937.

Material. Benčani, Swissino baited trap near bee hive, 45.283, 13.740, 296 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Brčići, Swissino baited trap near bee hive, 45.264, 13.666, 136 m a. s. l., 10.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Institut, Swissino baited trap near bee hive, 45.222, 13.604, 20 m a. s. l., 13.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Kućibreg, Swissino baited trap near bee hive, 45.357, 13.837, 432 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Sarcophaga disputata Lehrer, 1967 *

Material. Brčići, Swissino baited trap near bee hive, 45.264, 13.666, 136 m a. s. l., 10.09–15.10.2019 (B. Sladonia) — 1 ♂ (CULSP); Nova Vas, Swissino baited trap near bee hive, 45.265, 13.659, 126 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Sarcophaga lehmanni Müller, 1922

References. Baranov, 1942; Britvec, 2004; Krčmar *et al.*, 2019; Strukan, 1967b.

Material. Livade, Swissino baited trap near bee hive, 45.357, 13.837, 36 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 3 ♂♂ (CULSP).

Sarcophaga vulgaris Rohdendorf, 1937 *

Material. Buje, Swissino baited trap near bee hive, 45.406, 13.659, 170 m a. s. l., 10.09–8.10.2019 (B. Sladonia) — 1 ♂ (CULSP).

Conclusions. Six species (*Amobia oculata*, *Taxigramma heteroneura*, *Phrosinella nasuta*, *Heteronychia rohdendorfi*, *Sarcophaga disputata*, *Sarcophaga vulgaris*) are firstly recorded for Croatia. In total, the list of known Croatian Sarcophagidae includes 156 species and composed at least 80–90% of the full regional faunistic list according to the comparative analysis of literature data from Croatia and neighboring territories (Pape, 1996).

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