
Catalogue of the Syrphidae of Ukraine: an annotated checklist, with distributions and bibliography

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Abstract

A total of 408 species of Syrphidae have been reliably registered in Ukraine, as well as another 30-50 taxa, the records of which have not been confirmed by modern material. The Ukrainian hoverfly fauna has one endemic (*Merodon dzhaliatae* Paramonov, 1926: the Crimean Peninsula) and two subendemic species with narrow ranges (*Merodon alexandri* Popov, 2010: Ukraine and adjacent Russian regions; *Paragus medea* Stănescu, 1991: Hungary, Romania, Ukraine). At the same time, some species, such as *Chalcosyrphus jacobsoni* (Stackelberg, 1921), which have traditionally been considered present in Ukraine, are not confirmed by any old or new material. We highlight the view that national lists should be backed up by reference material for all the species. For some taxa, the publishing years of the first descriptions (namely Paramonov's papers) are still incorrectly cited. A number of taxa have the type locations in Ukraine: *Chalcosyrphus obscurus* (Szilády, 1939), Zakarpattia Region; *Eumerus tauricus* Stackelberg, 1952, the Crimea; *Merodon crassifemoris* Paramonov, 1926 (sic!), the Crimea; etc. In Ukraine, some species have a westernmost frontier in Europe, such as *Helophilus continuus* Loew, 1854 (also found in Romania and Belarus), *Mallota eurasatica* Stackelberg, 1950, etc. Here is the southern borderline of the range for the Eastern European *Melanogaster jaroslavensis* (Stackelberg, 1922), etc. Finally, it is in Ukraine that the largest populations of the *Pseudopolecoca latifrons* (Loew, 1856) survive.

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