

# A Morphological and Faunal Study of Flies of the *Temnostoma bombylans* Species-Group (Diptera, Syrphidae)

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**Abstract**—Species of the *Temnostoma bombylans* species-group are found to be rather polymorphous and diversified in the coloration and pubescence of the body, being similar in the structure of the genitalia. A new species, *T. angustistriatum*, related to *T. bombylans* Fabr., is described; *T. nitobei* Matsumura is redescribed. The species mentioned differ in the structure of the frons, pubescence of the face, and coloration of the legs and some genital structures. *T. bombylans bombylans* Fabr. is found to inhabit European Russia and the Ukraine, and *T. bombylans flavifemur* ssp. n., the foothills of the Caucasus. *T. angustistriatum* is distributed from Moscow Province to the Far East, it occurs in the European part together with *T. bombylans bombylans*. *T. nitobei*, characterized by the presence of 3 pale bands on the abdomen, has the distributional range extending from the Altai to the Kunashir Island, some of its characters are variable. Additional differences between *T. nitobei* and *T. bombylans* are revealed. A key to species and subspecies of this group is provided.