

New Species of Telenominae (Hymenoptera, Scelionidae) from the Palaearctic Fauna

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Abstract—Four new species of Telenominae of the genera *Telenomus* and *Platytelenomus*, collected in the territory of the Ukraine, Hungary, and Japan, were described: *Telenomus (T.) bicolorus* Kononova, *T. (T.) ardens* Kononova, *(T.) michaylovi* Kononova, and *Platytelenomus mirabilis* Kononova. Brief morphological characteristics of the genera *Telenomus* and *Platytelenomus* are given, and some notes concerning biology and geographical distribution of the species are presented. *Telenomus (T.) bicolorus* differs from all the known species of the genus *Telenomus* in the two-colored body: head and thorax yellow with brownish tint ventrally, mesothorax and abdomen black. The main distinguishing feature of *T. (T.) ardens* is its smooth shining body, *T. (T.) michaylovi* is similar to *T. (T.) rudis* Kozlov. These species can be distinguished by the structure of their antenna. The second to fourth segments of the antennal clava are transverse in *T. (T.) michaylovi* and are as long as wide in *T. (T.) rudis*. In addition, the abdominal stem and abdominal tergite II are smooth and shining, while the abdominal stem in *T. (T.) rudis* is striate along the entire length, and tergite II is finely striate along half of its length. *Platytelenomus mirabilis* is closely related to *P. danubialis* Szélnyi, but differs in the strongly flattened body, sculpture of the abdominal stem and tergite II, and coloration of the legs. The thorax of *P. mirabilis* is 4–5 times as wide as high, the abdominal stem is striate along the entire length, tergite II is striate at the base, and the legs, including coxae, are yellow. The thorax of *P. danubialis* is 4 times as wide as high, the abdominal stem and tergite II are smooth and shining, and the legs are brown.

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