A Contribution to the Coleopteran Fauna of Bulgaria (Insecta: Coleoptera)

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Abstract: Nine species of Coleoptera are treated. The subfamily Platypsyllinae (Leiodidae), the genera \textit{Leptinus} and \textit{Liocyrtusa} (Leiodidae), and \textit{Vinzenzellus} (Salpingidae) and species \textit{Hydnobius punctulatus}, \textit{Liocyrtusa nigriclavis}, \textit{Agathidium bohemicum}, \textit{Catops subfuscus}, \textit{Leptinus testaceus}, \textit{Salpingus planirostris}, and \textit{Vinzenzellus ruficollis} are first recorded for the fauna of Bulgaria. Genus \textit{Vinzenzellus} and the species \textit{Liocyrtusa nigriclavis} and \textit{Salpingus planirostris} are first recorded from the Balkan Peninsula as well. The taxa Eupariinae, \textit{Ataenius}, \textit{Ataenius horticola} (Aphodiidae) and \textit{Catops neglectus} (Leiodidae) are first cited for Bulgaria with detailed data.

Key words: Insecta, Coleoptera, Leiodidae, Aphodiidae, Salpingidae, first records, Bulgaria

Introduction

Approximately 120 families of Coleoptera are currently known from Bulgaria, and the number of the established species is ca. 6000 (HUBENOV 2008). Despite the number of the species is still far from the real one, which certainly exceeds 9000 species.

The present report announces 1 subfamily, 3 genera and 7 species for the first time to the fauna of Bulgaria. Another subfamily, genus and two species are first cited for Bulgaria with detailed data. The most part of the materials has been collected using MSS-traps. This kind of trap represents 60 or 80 cm long tube with ethylene glycol-fixative, which is put vertically in the ground. All the material examined is preserved in the collection of the National Museum of Natural History, Sofia.

Abbreviations: f. – female specimen/s; m. – male specimen/s; s. – specimen/s; IZ – Institute of zoology, Sofia; MSS – Mesovoid Shallow Substratum; Mt./Mts. – mountain/s; NMNHS – National Museum of Natural History, Sofia; * - taxon new for the fauna of Bulgaria; ** - taxon new for the fauna of the Balkan Peninsula.

Family Leiodidae

Notes. For the time being, the family Leiodidae includes 102 species in Bulgaria (RŮŽIČKA 1995, RŮŽIČKA, PAVIČEVIĆ 2008, GIACHINO, GUÉORGUIEV 2008. They are distributed in three subfamilies and 32 genera – Cholevinae (68 species, 24 genera), Coloninae (4 species, 1 genus) and Leidinae (32 species, 7 genera). In our estimation the real number of the leiodid species in Bulgaria is between 170 and 180. Below, a subfamily, two genera and five species from Leiodidae are first recorded for the country, and another species is first cited with detailed data for Bulgaria.