

Revision of *Agrilus cuprescens* (Ménétriés, 1832) and related species (Coleoptera: Buprestidae)

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Abstract

The revision of *Agrilus cuprescens* (Ménétriés, 1832) and its relatives *A. salicis* Frivaldszky, 1877; *A. pecirkai* Obenberger, 1916; *A. paludicola* Krogerus, 1922 and *A. ribesi* Schaefer, 1946 is given. All species are illustrated. The following taxonomic changes are proposed: *A. paludicola* (**stat. nov.**) is considered as a species; *A. amethyopterus* Semenov-Tian-Shanskij, 1890 is considered as a subspecies of *A. cuprescens* (**stat. nov.**); *A. viridis* (Linné, 1758) (= *rudis* Abeille de Perrin, 1897 **syn. nov.**; = *caenus* Obenberger, 1924 **syn. nov.**); *A. cuprescens cuprescens* (Ménétriés) (= *lacrymans* Abeille de Perrin, 1895 **syn. nov.**; = *foveolatus* Abeille de Perrin, 1897 **syn. nov.**; = *calcicola* Obenberger, 1916 **syn. nov.**; = *altaicola* Obenberger, 1935 **syn. nov.**; = *kuznecovinus* Obenberger, 1936 **syn. nov.**). The names *chalconatus* Megerle and *indigacellus* Obenberger are unavailable. Lectotypes of 15 species are designated.

Key words: Taxonomy, synonymy, revision, Coleoptera, Buprestidae, Agrilinae, *Agrilus*, Palearctic Region

Introduction

Agrilus cuprescens (Ménétriés, 1832) belongs to the *A. viridis* (Linné, 1758) species group characterized mainly by the prominent, separately subarcuate elytral apices and the rounded apex of the last ventrite. *Agrilus cuprescens* and its relatives are each smaller species with a more robust body. The taxonomy of *A. cuprescens* has been confused due to its extensive Eurosiberian distribution and obvious morphological and chromatic variability. Numerous names were proposed at the species, subspecies or infrasubspecies rank, respectively. Subsequent to their description, these names have been freely combined in various ranks and in almost all possible combinations, sometimes even without regard to priority (e.g., Obenberger 1927).