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Diversity and phylogenetic relationships of *Drilus* Olivier, 1790 (Elateridae: Agrypninae: Drilini) in Cyprus

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Abstract

The neotenic elaterid genus *Drilus* Olivier, 1790 (Elateridae: Agrypninae: Drilini) contains more than 40 species distributed primarily in the Mediterranean region. The precise number of species remains ambiguous due to the insufficient taxonomic investigation in several areas. Herein, we study *Drilus* diversity in Cyprus and we recognize the following species: *D. humeralis* Pic, 1931, *D. rectus* Schaufuss, 1867, and *D. rufipes* (Baudi di Selve, 1871). *Drilus testaceipes* Pic, 1933 syn. nov. is synonymized under *D. rectus*, and *D. truquii* (Baudi di Selve, 1871) syn. nov. is synonymized under *D. rufipes*. As consequence of these taxonomic changes, *Drilus humeralis* remains the only species endemic to Cyprus. Females of *D. rectus* and *D. rufipes* are described and figured for the first time, as well as the larvae of *D. rufipes*. A key to the males of *Drilus* species in Cyprus is given. *Drilus rectus* is recorded in Syria for the first time and *D. rufipes* is recorded in Rhodes. To examine the phylogenetic relationships

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