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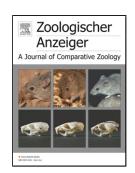
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Diversity and phylogenetic relationships of Drilus Olivier, 1790 (Elateridae:

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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