

Contributions to scorpion systematics. IV.

Observations on the Hadrurus “spadix” subgroup with a description of a new species (Scorpiones: Caraboctonidae)

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In this study new data are presented on the “spadix” subgroup of genus Hadrurus, including the description of a new species, *H. anzaborrego*, sp. nov., found primarily in the Anza-Borrego Desert State Park (ABDSP) in southern

California, USA. This species is distinguished by its internal trichobothrial pattern of the chela and its unique carapace pattern. The status of *Hadrurus obscurus* Williams, 1970 is discussed and new locality data for this species are provided. A phylogenetic key to the genera, species, and subspecies of subfamily Hadrurinae is provided.

Michael Soleglad and co-workers have recently published a paper discussing the taxonomy and phylogeny of the *Hadrurus* "spadix" subgroup (Caraboctonidae). A new species from parts of USA and Mexico is also described:

***Hadrurus anzaborrego* Soleglad, Fet & Lowe, 2011**

Data suggest that *Hadrurus obscurus* is only a color variant of *H. spadix*, but more investigations are necessary before a formal decision can be made.

The paper has an identification key for both *Hadrurus* and *Hoffmannihadurus*.

Abstract:

In this study new data are presented on the "spadix" subgroup of genus *Hadrurus*, including the description of a new species, *H. anzaborrego*, sp. nov., found primarily in the Anza-Borrego Desert State Park (ABDSP) in southern California, USA. This species is distinguished by its internal trichobothrial pattern of the chela and its unique carapace pattern. The status of *Hadrurus obscurus* Williams, 1970 is discussed and new locality data for this species are provided. A phylogenetic key to the genera, species, and subspecies of subfamily Hadrurinae is provided.

Reference:

Soleglad ME, Fet V, Lowe G. Contributions to scorpion systematics. IV. Observations on the Hadrurus "spadix" subgroup with a description of a new species (Scorpiones: Caraboctonidae). Euscorpius. 2011(112):1-36. [Free fulltext, but large file (17 mb). The paper divided into smaller files is available on the publishers website)]

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