

**A new subgenus and species of *Mixotrepes*
(Hemiptera: Heteroptera: Helotrephidae)
from Laos and notes on *Mixotrepes punctatus***

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Abstract. *Mixotrepes (Pictotrepes) pictus* subgen. nov. & sp. nov. is described from the Bolaven Plateau in Laos. The new taxon of the tribe Limnotrephini is compared with other two subgenera, *Mixotrepes* s. str. Papáček, Štys & Tonner, 1989 and *Thermotrepes* Papáček & Zettel, 2006. *Pictotrepes* subgen. nov. differs from *Mixotrepes* s. str. and *Thermotrepes* by coarse sculpture of cephalonotum and mesoscutellum, wide mesoscutellum with convex sides, and relatively unmodified terminalia of both male and female. In addition this study also reports on the unusually pale hindwing-micropterous morph of *Mixotrepes (Thermotrepes) punctatus* Papáček & Zettel, 2008 from Meghalaya, northwestern India.

Key words. Helotrephidae, Limnotrephini, *Mixotrepes*, *Pictotrepes*, *Thermotrepes*, new subgenus, new species, micropterous morph, India, Laos

Introduction

This paper reports on a new subgenus, a new species and on the up to the present unknown, unusually pale micropterous morph, based on material of *Mixotrepes* Papáček, Štys & Tonner, 1989 deposited in the collection of the Department of Entomology at the National Museum, Praha, Czech Republic.

The water bug genus *Mixotrepes* has been originally described as *M. hoberlandti* Papáček, Štys & Tonner, 1989, a species from Afghanistan and Iran (PAPÁČEK et al. 1989), and later revised by PAPÁČEK & ZETTEL (2003), who discussed the differences between genera *Mixotrepes* and *Limnotrepes* Esaki & China, 1928, which were being occasionally confused. The nominotypical subgenus includes at least another four closely related species from southern ranges of the Himalayas in India and Nepal. More recently, PAPÁČEK & ZETTEL (2006)