BRAUERIA (Lunz am See, Austria) 44:29 (2017)

A new species of *Polyplectropus* (Polycentropodidae) from northeastern Thailand.

Hans MALICKY & Narumon SANGPRADUB

Polyplectropus sakaerat n.sp.

Brown, ventrally and appendages yellowish. Length of a forewing 5 - 5,5 mm. Male genitalia: very similar to Polyplectropus anakjari MALICKY 1995 from Perak. At the first glance, the protruding distal part of the inferior appendages is ventrally angular while it is rounded in P. anakjari, but the appearance of the structure may change according to the position under the microscope (see the figures). A clear difference is in the form of the preanal appendages which consist of an outer and an inner lobe. In P. anakjari the outer lobe is approximately oval and long, the inner lobe is shorter, narrow and pointed, and its tip is bent dorsad. In P. sakaerat n.sp. however, the inner lobe is long, almost oval, but the outer lobe is much shorter and blunt in lateral view, and rounded triangular in dorsal view. In P. anakjari, the dorsal edge of the phallus is prolonged into a long spine, but in P. sakaerat, the phallus is a simple cylinder without a dorsal tip.

Holotype 3° and 13° Paratype: Thailand, Nakorn Ratchasima province, Sakaerat Environmental Research Station, 14°28'N, 101°54'E, 27.10.2013, leg. N. Sangpradub. The holotype is deposed in the National Science Museum, Bangkok, Thailand. The paratype is in the collection of the first author.

The research project was supported by the Centre of Excellence on Biodiversity (BDC), Office of Higher Education Commission (BDC 157006), and travel funding by the National Science and Technology Development Agency on Southeast Asia-Europe Pilot Joint Call for Mobility in the thematic areas of Environment, Health and Food Research.

Figures: *Polyplectropus sakaerat* n.sp. and *P. anakjari* MALICKY 1995 (Holotype from Perak). Abbreviations: LA..lateral view, DA..dorsal view, VA..ventral view. The arrows show important characters.



ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: Braueria

Jahr/Year: 2017

Band/Volume: 44

Autor(en)/Author(s): Malicky Hans, Sangpradub Narumon

Artikel/Article: <u>A new species of Polyplectropus (Polycentropodidae) from</u> northeastern Thailand 29