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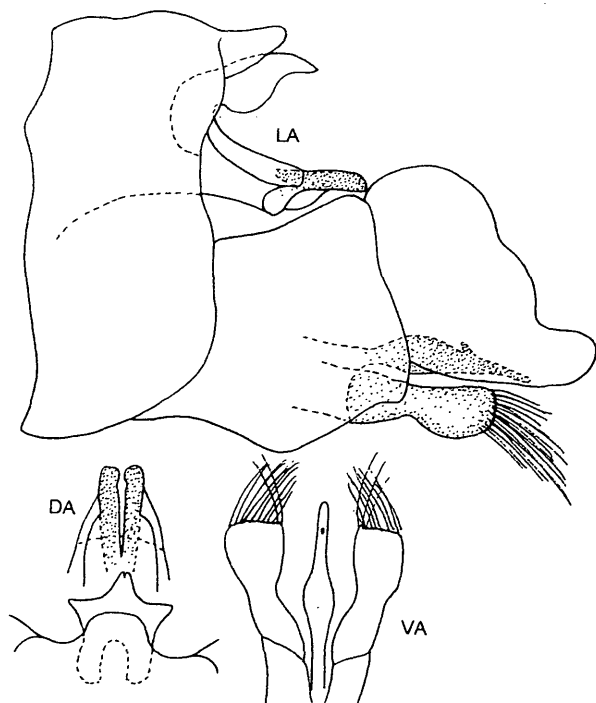
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Dr. Füsün Sipahiler
Hacettepe Üniversitesi
Eğitim Fakültesi
OFMA Bölümü
TR-06800 Beytepe, Ankara, Turkey
fusunsip@hacettepe.edu.tr



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A new brachypterous species of *Rhyacophila* (Trichoptera: Rhyacophilidae) from the Eastern Alps (Carinthia, Austria).

Wolfram GRAF

Rhyacophila ferox n. sp.

Body length 16 mm, fore wing length 8 mm, hind wing length 6 mm, brachypterous. Wings brown with pale spots, especially the fore wings. Head yellowish-brown, antennae yellow, distal parts of segments dark brown; legs yellow, femora of fore and middle legs with brown bands on anterior and posterior sides; tibiae of fore and middle legs proximally with dark markings; hind legs uniformly yellow. Abdomen yellowish-brown.

Male genitalia: Segment 9 in dorsal view short and rounded, its posterior and anterior margins in lateral view slightly curved, nearly parallel; dorso-apical lobe of segment 10 with lateral wing-like extensions in dorsal view, posterior end pointed with a median incision. Anal sclerites as in the figure. Aedeagus straight, broadened in the middle, with a small dorsal hook; apex bluntly pointed. Parameres dark brown and spherical with a dense spiral of apical spines. Proximal part of inferior appendages longer as distal part. Ventral part with a blunt, finger-like projection. Upper margin with two bulges, which are densely covered by fine setae.

The new species is isolated; according to the form of preanal appendages and anal sclerites as well as the aedeagus it may be distantly related to *Rhyacophila fasciata*. It was found near a springbrook where also some unknown larvae were collected which might belong to the same species.

Etymology: *ferox* = wild, untamed; the specimen was attacking me with its gonopods when I took it from the underside of a boulder.

Holotype: male, Austria, Saualpe, 15.5.2006, 46°50' N, 14°40' E, 1700 m, leg. Graf. The holotype is deposited in my collection.

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Author's adress:

Dr. Wolfram Graf
BOKU - University of Natural Resources and Applied Life Sciences, Department of Water, Atmosphere & Environment
Institute for Hydrobiology & Water Management
Working Group on Benthic Ecology and Ecological Status Assessment
Max Emanuel-Strasse 17,
A-1180 Vienna, Austria

Rhyacophila ferox

Abbreviations in the figure: LA lateral, DA dorsal, VA ventral

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Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

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