Raptobaetopus, a new genus of the family Baetidae
(Insecta, Ephemeroptera)

Abstract

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With 1 figure in the text

A new genus and species of the family Baetidae from Malaysia, Raptobaetopus orientalis gen. n. sp. n., is described. This new genus is closely related to the genus Baetopus KEFFERMÜLLER, 1960. Comparison of the morphological characters of the nymph of this new genus with nymphs of “Baetis ? niger”, described by LESTAGE (1918), and nymphs of both Baetopus wartensis KEFFERMÜLLER and B. balticus KAZLAUSKAS & SANWAJITTE, 1962, are made. The males of B. wartensis and of “Centroptilum tenellum” ALBÄRA, 1878, are also compared. As a result of these studies it is necessary to place Baetopus balticus into the new genus Raptobaetopus and classify it as Raptobaetopus tenellus (ALBÄRA), 1878, comb. n. — The nymph, described by LESTAGE (1918) sub nom. Baetis ? niger is considered to be the juvenile form of the species “Centroptilum tenellum”. Both forms are now placed into the new genus Raptobaetopus and classified as Raptobaetopus tenellus (ALBÄRA), 1878, comb. n. — The extraordinary shape of their nymphal mouthparts as well as their possession of similar gut contents are convincing evidence of similar predatory habits.

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Fig. 1. Localities of Baetopus wartensis KEFFERMÜLLER (▲) and Raptobaetopus tenellus (ALBÄRA) comb. nov. (○).

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