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Promatsumura, Replacement Name for Procloeon Matsumura, 1931 (Ephemeroptera: Baetidae) with Designation of Type-Species

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Abstract

Promatsumura is proposed as a replacement name for the taxonomically unavailable generic name Procloeon Matsumura, 1931, and Procloeon nipponicum Matsumura is designated as the type-species.

Matsumura (1931a) established the new baetid genus Procloeon from Japan to include the new species P. nipponicum and P. tamagawanum, both based on the female. Although he did not specifically state that he was establishing a new genus, Matsumura (1931b) listed Procloeon as one of several new genera, including some generic homonyms, established by Matsumura in this work. Workers on Ephemeroptera have traditionally accepted the list of new taxa in Insecta Matsumurana, and I, as well, consider this practice to be correct. However, the name Procloeon is preoccupied by Procloeon Bengtsson, 1915 and must be considered a junior homonym of it. According to the International Code of Zoological Nomenclature, Procloeon Matsumura, 1931, is not available for nomenclatural purposes and must be replaced.

In establishing Procloeon Matsumura also failed to designate a type-species for the genus. Again according to the International Code of Zoological Nomenclature, Procloeon Matsumura is not available for taxonomic purposes because no type-species was designated (Article 13b).

I propose the replacement name [nomen novum] Promatsumura for the preoccupied and nomenclatural-

ly unavailable Procloeon Matsumura, 1931 and designate Procloeon nipponicum Matsumura, 1931, as the type-species. The name is derived from Procloeon and Matsumura: the gender is feminine. Species included in Promatsumura: Promatsumura nipponicum (Matsumura) NEW COMBINATION (from Procloeon) and Promatsumura tamagawanum (Matsumura) NEW COMBINATION (from Procloeon).

Promatsumura nipponicum and P. tamagawanum have not been discussed in the scientific literature since their original description and nothing is known about these species beyond Matsumura’s brief descriptions. Our knowledge of the systematic relationships of these species to other Baetidace remains somewhat vague and proper subfamilial placement is unknown.

Literature Cited

Bengtsson, S.

International Trust for Zoological Nomenclature.

Matsumura, S.