

***Tokunagaia* Sæther from China (Diptera: Chironomidae: Orthocladiinae)**

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Abstract

The Chinese species of the orthoclad genus *Tokunagaia* Sæther are reviewed. Five new species, *T. fasciata*, *T. quadrulata*, *T. spinosa*, *T. subulata*, and *T. unicentrata*, are described and figured as males. The generic diagnosis is emended, and a key to the males of the Chinese species is provided.

Key words: Chironomidae, Orthocladiinae, *Tokunagaia*, new species, China

Introduction

Sæther (1973) erected the genus *Tokunagaia* and named it in honor of Prof. Dr. Masaaki Tokunaga, for three species previously placed in *Adactylocladius* Sæther, a junior synonym of *Eukiefferiella* Thienemann. *Spaniotoma* (*Orthocladius*) *kibunensis* Tokunaga, 1939 was selected as type-species, and in addition *A. rowensis* Sæther, 1969 and *A. unicalcar* Sæther, 1969 were included in *Tokunagaia*. The new genus was distinguished from *Adactylocladius* mainly on difference in the immature stages.

Halvorsen and Sæther (1987) regarded *Tokunagaia* as the sister group of *Cardiocladius* Kieffer and *Eukiefferiella* Thienemann combined, treated *T. unicalcar* as a synonym of *E. devonica* (Edwards, 1929) and expanded the genus to 8 species by including *T. tonollii* (Rossaro, 1983), *T. parexcellens* Tuiskunen and Lindeberg, 1986, *T. obriaini* Hayes and Murray, 1988, and the previous *Eukiefferiella rectangularis* group, i.e. *T. excellens* (Brundin, 1956), *T. rectangularis* (Goetghebuer, 1940) and *T. scutellata* (Brundin, 1956).

Sasa and Kikuchi (1995) and Sasa (1998) believed that the difference between *Tokunagaia* and *Hydrobaenus* is ambiguous, placed *Tokunagaia* as a junior synonym of