

***Parartemiopsis longicornis* (Smirnov), senior synonym of
P. mongolica Rogers (Crustacea: Branchiopoda: Anostraca),
with remarks on the validity of the genus**

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Abstract

Parartemiopsis mongolica Rogers, 2005 was described on the basis of two male specimens from Mongolia. Subsequent to publication, it was demonstrated that this taxon had previously been described as *Chirocephalus longicornis* (Smirnov, 1930). However, a comparison between the male genitalia of *C. longicornis* and those of other *Chirocephalus* species, as well as *Artemiopsis*, demonstrates that the genus *Parartemiopsis* Rogers, 2005 is still valid. Therefore, the correct name for this taxon is *Parartemiopsis longicornis* (Smirnov, 1930).

Key words: Anostraca, *Parartemiopsis*, *Parartemiopsis mongolica*, *Chirocephalus longicornis*

Introduction

In 2001 I examined unidentified anostracan material housed at the Lake Biwa Museum in Shiga Prefecture, Japan. Among the various lots was a single sample containing two male Anostraca from Mongolia that I believed represented a new genus and species. Accordingly (Rogers, 2005) I described the taxon as *Parartemiopsis mongolica*. Upon reading my paper Dr. Hidetoshi Naganawa brought to my attention the fact that the fairy shrimp in question had been previously described as a member of the genus *Chirocephalus* Prévost in Jurine, 1820, specifically as *Chirocephalus longicornis* (Smirnov, 1930). The purpose of this paper is to compare *Parartemiopsis*, *Chirocephalus*, and *Artemiopsis* Sars, 1897, and establish the proper name for the taxon.

Methods

Specimens of *Parartemiopsis* were borrowed on loan from the Lake Biwa Museum, Shiga