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田中宏之・南雲 保：日本産 *Aulacoseira crassipunctata* Krammer の微細構造

Hiroyuki Tanaka and Tamotsu Nagumo: Fine Structure of the *Aulacoseira crassipunctata* Krammer in Japan

#### Abstract

The fine structure of *Aulacoseira crassipunctata* Krammer in Japan was examined using light (LM) and scanning electron (SEM) microscopy. The most defining characteristic of this *Aulacoseira* species is its lack of rimoportulae. This paper reports the unique valve structure of *A. crassipunctata* from three localities: Bishamon Pond (Fukushima Pref.), Lake Kussharo (Hokkaido) and Sawano-ike Pond (Kyoto Pref.).

Key index words: *Aulacoseira crassipunctata*, Bishamon Pond, Japan, Lake Kussharo, rimoportula, Sawano-ike Pond