

Diatom 3: 9-16 (英文)

小林 弘・出井雅彦・小堀晋爾・田中宏之：好流水性の *Synedra* 属（珪藻綱）の2種、*S. inaequalis* と *S. lanceolata* Kütz. について

Hiromu Kobayasi, Masahiko Idei, Shinji Kobori and Hiroyuki Tanaka : Observations on the two rheophilic species of the genus *Synedra* (Bacillariophyceae) : *S. inaequalis* H. Kob. and *S. lanceolata* Kütz.

Abstract

Synedra inaequalis, previously reported by H. Kobayasi from the Ara-kawa (Ara River), Japan, was re-examined using scanning electron microscopy (SEM). A type is designated, thereby validating this previously invalid name. *Synedra lanceolata* kütz., new to Japanese rivers is also examined by SEM.

Key index words: diatom, fine structure, new species, *Synedra inaequalis*, *Synedra lanceolata*.