

Diatom 20: 167-170 (英文)

Toshiharu Watanabe : Three new *Eunotia* and one new *Navicula* occurred in strong acid waters in Japan

Abstract

Three new *Eunotia* taxa, *Eunotia osoresanensis* var. *cuneata*, *E. raphidioides*, *E. pseudosoresanensis*, and a new *Navicula* taxon *Navicula acidobiontica* were described. Among them three *Eunotia* taxa are thought to be acidobiontic and endemic to Lake Usoriyama, Aomori, Japan.

Key index words : acidobiontic, endemic, *Eunotia osoresanensis* var. *cuneata*, *E. pseudosoresanensis*, *E. raphidioides*, Lake Fudo Kirishima, Lake Usoriyama (Osoresan) Aomori, *Navicula acidobiontica*