

Diatom 13: 147-160 (英文)

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Keiko Mieno, Akihiro Tuji, Taisuke Ohtsuka, Kahori Hyodo and Tadashi Bando : Diatom flora of Kurozo-moor, Tokushima Prefecture

Abstract

Diatom assemblages from the Kurozo-moor were investigated. The moor was developed in a valley, and was scattered with *Sphagnum* bogs. Samples were collected from ponds, bogs, fallow paddy fields, and a river in the moor in September 1994, March 1995 and August 1995. As the result of taxonomic studies of these sample, 105 taxa belonging to 27 genera were identified. *Aulacoseira subarctica*, *A. laevissima*, *Eunotia curvata*, *Frustulia rhomboides*, *Rhopalodia acuminata*, and *Tabellaria flocculosa* were abundant in the moor. A large number of taxa belonging to the genera *Navicula* and *Pinnularia* was also found, though most of them were not abundant. Diatom assemblages in the river were quite different from the others.

Key index words

diatom, *Eunotia curvata*, Kurozo-moor, *Sphagnum* bog, taxonomy