

Diatom 2: 1-8 (英文)

根来健一郎・東野雅子：日本における水田の珪藻植生 第1報 奈良県桜井市附近の水田の珪藻植生

Ken-ichiro Negoro and Masako Higashino : Diatom vegetation of paddy fields in Japan. report I. Diatom vegetation of paddy fields in the vicinity of Sakurai City, Nara Prefecture.

Abstract

The taxonomical and ecological study on the diatom vegetation of paddy fields was done by authors in July 1983 in the vicinity of Sakurai City, Nara Prefecture. From these peculiar inlandwaters were enumerated the 53 forms of diatom, belonging to 17 genera. The 16 forms among them seem to belong to the brackish species. The dominant or subdominant species of the community are represented by *Navicula pupula*, *Nitzschia palea*, and *Surirella angustata*.

Key index words

Diatom vegetation, paddy fields, Japan, Sakurai City, Nara Prefecture.