

Diatom 23: 83-90 (英文)

Yasuo Kihara, Shigehiko Arita and Taisuke Ohtsuka : Diatoms of Yakumogahara Moor in the Hira Mountain Range, west-central Japan

*Tansaibou-no-kai, "Hashikake" system in Lake Biwa Museum, Oroshimo 1091, Kusatsu, Shiga 525-0001, Japan*

#### Abstract

Diatom flora of a *Sphgnum* bog, Yakumogahara Moor, located in the Hira Mountain Range in west-central Honsyu, Japan, was studied. Eleven samples were collected in May 2004. A total of 50 diatom species belonging to 20 genera were identified and illustrated together with one unidentified species. *Frustulia saxonica* Rabenh. was the most abundant species and it was dominant in seven of the 11 samples. The predominant genera were *Eunotia* and *Pinnularia*, represented by 11 and 10 species, respectively.

Key index words : *Eunotia*, flora, *Frustulia saxonica*, *Pinnularia*, Yakumogahara Moor