

Diatom 23: 91-104 (英文)

Shunichi Yoshikawa : Sedimentary diatoms in Sawano-ike Pond, Kyoto City

Tansaibou-no-kai, "Hashikake" system in Lake Biwa Museum, Oroshimo 1091, Kusatsu,
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Abstract

112 diatom taxa were identified in sediment cores from Sawano-ike Pond, the water of which is weakly acidic as well as low in electric conductivity. They belong to the following genera : *Aulacoseira* (8), *Brachysira* (6), *Brevisira* (1), *Caloneis* (2), *Chamaepinnularia* (1), *Craticula* (2), *Discostella* (1), *Encyonema* (4), *Encyonopsis* (2), *Eunotia* (25), *Fallacia* (1), *Fragilaria* (2), *Frustulia* (3), *Kobayasiella* (2), *Luticola* (1), *Navicula* (2), *Naviculadicta* (1), *Neidium* (5), *Nitzschia* (3), *Peronia* (1), *Pinnularia* (22), *Sellaphora* (4), *Stauroneis* (6), *Stenopterobia* (2), *Surirella* (4), *Tabellaria* (1).

Key index words : acid water, diatom flora, low electric conductivity, pond, sediment