

Diatom 13: 201-214 (英文)

工藤浩三：秋田県八郎潟干拓地におけるボーリング・コア試料中の珪藻遺骸群集と古環境
Kozo Kudo: Diatom thanatocoenoses from bore-hole core samples of lagoon Hachiro-gata
reclaimed land and deduced paleoenvironment in Akita Prefecture, northeast Japan.

Abstract

The diatom thanatocoenoses from the bore-hole samples of the lagoon Hachiro-gata reclaimed land were analysed in this paper. The results are as follows.

- (1) Identified taxa were estimated with 106 species, 17 varieties and 2 formae of 36 genera.
- (2) The marine species are dominant in the samples below 41~33m depth. Especially the planktonic species are calculated more than 50% in this horizon. Also, the brackish water species increases gradually in the middle part.
- (3) The fresh water species are dominant at the uppermost deposit.
- (4) The sedimentary environments at the bore-hole site are presumed to be changed from the seawater area to freshwater area through brackish water one toward the uppermost horizon.

Key index words

bore-hole core samples, diatom, Lagoon Hachiro-gata Reclaimed Land, paleoenvironment.