

Diatom 2: 169-174 (英文)

小杉正人：珪藻の古生態学上の基礎的問題

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#### Abstract

Some fundamental problems on paleoecology of diatoms were picked out, and their present progresses were evaluated in the present condition where applied studies had remarkably increased.

The fundamental problems picked out in this paper were as follows; methods of ecological analysis for present diatom assemblages, processes of formation on fossil assemblages, development on new analysis methods and preservation of specimens.

Significances of fundamental studies of paleoecology on diatoms become larger, as scientific and social demands for diatom analysis have greatly increased recently.

Key index words

fundamental problems, paleoecology, present assemblages, fossil assemblages.