

Diatom 7: 77-81 (英文)

小村精一：無縦溝型珪藻新属 *Imparvalvia* の微細構造

Seiichi Komura : Fine structure of *Imparvalvia*, a new genus of araphid Diatoms

Abstract

Imparvalvia, a new genus of araphid diatoms, is described from the Miocene marine sediments of the Koitoi Formation, Hokkaido, Japan. This monotypic genus is represented by *Imparvalvia laevigata* sp. nov., of linear-lanceolate form, which has a heterovalvar frustule consisting of a simple hyaline epivalve and more intricate-structural hypovalve furnished with the paraseptum. There is no areolation excluding several pores on the frustule.

The genus should be placed in a new family, named *Imparvalviaceae*, due to its highly distinctive nature.

Key index words

araphid diatom, Hokkaido, *Imparvalvia*, Japan, marine sediments, Miocene, new genus.