

Diatom 27: 52-57 (和文)

田中宏之・北林栄一：芳野層（中部更新統，熊本県）から見出された淡水生中心類珪藻
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(Middle Pleistocene), Kumamoto Prefecture, Japan

Abstract

Investigation of nine selected samples from a group of sixteen taken from five different outcrops of the Yoshino Formation (Middle Pleistocene), Kumamoto Prefecture, Japan, revealed six taxa in four genera of fossil freshwater centric diatoms with a relative frequency of 81–99%. Each of the nine samples was dominated by a specific centric diatom. The four dominant species were *Cyclotella rhomboideo-elliptica* var. *rounda* Y.Z.Qi & J.R.Yang, *Cyclostephanos* cf. *numataensis* H.Tanaka & Nagumo, *Cyclotella* cf. *lacunarum* Hust. And *Discostella stelligera* (Cleve & Grunow) Houk & Klee var. *stelligera* with *C. rhomboideoelliptica* Skuja var. *rhomboideo-elliptica* as the sub-dominant species in one sample. Taxonomic information on these diatoms is reported here, with light and scanning electron microscope photographs shown for the five reported taxa.

Key index words: fossil, freshwater diatom, Kumamoto Prefecture, Middle Pleistocene, Yoshino Formation