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飯島敏雄：長野県，高島城の濠の珪藻

Toshio Iijima: Diatom assemblages in the moat around Takashima Castle, Suwa City, Nagano Prefecture

Abstract

The diatom flora in the moat around Takashima Castle, Suwa City, Nagano Prefecture, was studied in January 2009. A total of 48 diatom species belonging to 26 genera were identified. The predominant genera were *Navicula* and *Nitzschia* represented by six and five species, respectively. *Aulacoseira ambigua* (Grunow) Simonsen was dominant. *Rhopalodia gibba* var. *ventricosa* (Kütz.) H. Perag. & Perag., *Epithemia sorex* Kütz. and *Cyclostephanos dubius* (Fricke) Round were also abundant.

Key index words: *Aulacoseira ambigua*, *Cyclostephanos dubius*, diatom flora, *Epithemia sorex*, Takashima Castle, *Rhopalodia gibba* var. *ventricosa*