

Diatom 21: 71-89 (英文)

Yuko Fujita and Taisuke Ohtsuka : Diatoms from paddy fields in northern Laos

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Abstract

The diatom flora from paddy fields in northern Laos was studied. Soil samples were collected from a depth of 0-1 cm in 6 paddy fields in the Nam Ben River basin in October, 2003, and 8 paddies in Ay village in September, 2004. In total, 104 diatom taxa belonging to 28 genera were identified. They are illustrated together with 11 unidentified diatom taxa. The dominant genera were *Nitzschia* and *Pinnularia*. *Navicula pygmaeformis* H.Kobayasi is transferred to a taxonomically more suitable genus, as *Fallacia pygmaeformis* (H.Kobayasi) Y.Fujita et Ohtsuka comb. nov.

Key index words : diatom, *Fallacia pygmaeformis*, flora, Laos, paddy field