Hiromu Kobayasi and Noriko Ishida: Three diatom species newly found in Japan and their occurrence in the Inabe-gawa (Inabe River), and Tama-gawa (Tama River), central Japan.

Abstract

The morphology, ecology and new occurrence in Japan of the three species, Cyclotella shanxiensis Xie & Qi, Achnanthidium pyrenaicum (Hust.) H. Kobayasi and A. latecepharum H. Kobayasi, are reported. These three species are found in less polluted upper sections of the rivers. The former first species is only found in the Inabe-gawa (Inabe River), the second species is found in the Inabe-gawa, and the Tama-gawa and the third species is found in the Inabe-gawa, Ara-kawa and the Shimantogawa.

Key index words
Achnanthidium pyrenaicum, A. latecepharum, Cyclotella shanxiensis, Inabe River.