Abstract
A gravity core from Lake Hibara (Urabandai Plateau, Fukushima Prefecture) has been investigated, and a taxonomic study of the diatoms found within the sediments is presented here. The check-list includes some species rarely reported from Japanese lakes, and others with recently addressed nomenclatural problems. Over a hundred recognised taxa and some unidentified forms are illustrated.

Key index words
Taxonomy, Recent diatoms, Lake Hibara.