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The Planktonic Diatoms of Lake ıldır (Ardahan-Turkey)

Aydın AKBULUT

Hacettepe University, Faculty of Science, Department of Biology, Ankara - TURKEY

Kazım YILDIZ

Gazi University, Faculty of Education, Department of Biology, Ankara - TURKEY

 [Keywords](#)
[Authors](#)

Abstract: This paper describes the planktonic diatom flora of Lake ıldır. Samples were collected monthly between May 1991 and September 1993 at three different stations. A total of 94 diatom taxa were identified. In the study period, the most dominant and abundant taxa were *Cyclotella meneghiniana* Kütz., *Aulacoseria granulata* (Ehrenb.) Simonsen, *Melosira varians* C.Agardh and *Navicula Bory* spp. The diatom flora of the lake is rich in species and varieties and is similar to that in other parts of Turkey.

Key Words: Diatom, Plankton, Lake ıldır, Ardahan



bot@tubitak.gov.tr

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