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A Study on the Benthic Algae of Uzungöl (Trabzon)

of

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Abstract: The composition of the benthic algal communities and seasonal changes in the densities of the epipellic algae of Uzungöl Lake from April, 1991, to March, 1993, were studied. While the maximum density of the epipellic community was found to be 131111 cells/cm² at station I in April, 1991 the maximum density at station II in November, 1991, was 64581 cells/cm². Bacillariophyta was dominant in the benthic algal population. The main epipellic diatoms were *Amphora ovalis* Kütz. (Cym-bellaceae), *Ceratoneis arcus* Kütz. (Fragilariaceae), *Cymbella minuta* Hilse ex Rabh. (Cymbellaceae), *Navicula cryptocephala* var. *veneta* (Kütz.) and *Grun.* and *N. radiosa* Kütz. (Naviculaceae).

Key Words: Epipellic, Epilithic, Epiphytic, Seasonal changes, Lake.



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