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A Taxonomic Study on the Phytoplankton of Lake Uluabat (Bursa)

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Abstract: The phytoplanktonic algal flora of Lake Uluabat was studied during July 1998- June 1999 by analysing samples taken each month from 5 sampling stations. Identified taxa (331) of the phytoplanktonic community are as follows: 152 Bacillariophyta, 89 Chlorophyta, 42 Cyanophyta, 31 Euglenophyta, 11 Dinophyta, 4 Cryptophyta and 2 Chrysophyta. Algal species which live in eutrophic water are dominant in the phytoplankton. Most of the species are characterised by their widespread presence, although it is also noted that some taxa are rarely found in Turkey.

Key Words: Lake Uluabat, Phytoplankton, Taxonomy

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