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Phytoplankton (except Bacillariophyceae) Flora of Lake Gök y (Bolu)


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Abstract: The phytoplankton composition of Lake Gök y was studied by monthly sample collection from 3 littoral and 2 pelagic stations during a 2-year period (June 2003-June 2005). In total, 152 taxa belonging to Chlorophyta (61.8%), Euglenophyta (12.5%), Cyanoprokaryota (10.5%), Pyrrophyta (5.3%), Chrysophyta (4.6%), Cryptophyta (3.9%), Xanthophyta (0.7%), and Prasinophyta (0.7%) were identified. Spirogyra and Scenedesmus were the most abundant genera, with 13 and 10 species, respectively. Some species found in the lake were new records for the Bolu region (e.g., *Gonium pectorale* M ller, *Polytoma cylindraceum* Pasher 1927, *Provasoliella ovata* (Jacobsen) Loeblich, and *Anabaena crassa* (Lemmermann) Kom rkov -Legnerov  & Cronberg).

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