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Net Planktonic Diatom (Bacillariophyceae) Composition of Lake Abant (Bolu)

of

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Abstract: The diatom flora of Lake Abant was studied monthly for 2 years (June 2003-June 2005) from 3 littoral and 2 vertical stations. A total of 123 diatom taxa were identified. Some species (*Asterionella formosa* Hassall, *Cymbella silesiaca* Bleisch, *C. cistula* Kirchner, *Fragilaria biceps* (Kützing) Lange-Bertalot, *F. dilata* (Brebisson) Lange-Bertalot, *Navicula radiosa* Kützing, and *Rhopalodia gibba* Müller) showed frequent occurrence in each month at all stations. Numbers of diatoms were increased in certain months in autumn, i.e. November (83 taxa) and December (68 taxa) 2003, and August (65 taxa) and September (76 taxa) 2004.

 [Keywords](#)
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