

Turkish Journal of Botany

Turkish Journal

of

Botany

Planktonic Diatom (Bacillariophyceae) Flora of Sultan Sazlıđı Marshes (Kayseri)

Aydın AKBULUT

Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 06532 Beytepe, Ankara - TURKEY

Abstract: This paper describes the planktonic diatom flora of the Sultan Sazlıđı marshes, Kayseri. Samples were collected systematically from the marshes over a period of 1.5 years from three stations. The diatom flora of Sultan Sazlıđı is rich in terms of species and varieties, which are similar to those from many parts of Turkey. A total of 75 taxa of diatoms were identified. The diversity of species at freshwater stations was higher, than that of the brackish water station. Genera such as *Fragilaria* Lyngb., *Navicula*, *Gomphonema* Ehrenb., *Nitzschia* Hassall, *Epithemia* Bréb. ex Kütz. were dominant in species numbers.

Key Words: Sultan Sazlıđı, Diatom, Plankton, Systematics

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



bot@tubitak.gov.tr

[Scientific Journals Home
Page](#)

Turk. J. Bot., **27**, (2003), 285-301.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Bot., vol.27, iss.4.](#)