
A short list of Rotifers from Turkey

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Abstract: The distribution of Rotifers in 19 dams, lakes and water reservoirs of Central Anatolia, the Western Black Sea Region and the Mediterranean Region of Turkey was studied between 1992 and 1999. 71 Rotifer species were found, of which five, *Lecane hastata*, *L. rugosa*, *L. scutata*, *Proales decipiens*, and *Resticula gelida*, are new to the Turkish fauna.

Kurzfassung: Zwischen 1992 und 1999 wurde in Zentralanatolien, in der westlichen Schwarzmeer-Region und in der Mittelmeer-Region Studien an 19 Staudämmen, Seen und Wasserreservoirs zur Erfassung der Rotiferen-Fauna durchgeführt. Es wurden 71 Arten festgestellt, von denen fünf neu für die Türkei sind: *Lecane hastata*, *L. rugosa*, *L. scutata*, *Proales decipiens* und *Resticula gelida*.

Key words: Rotifers, zoogeography, taxonomy, Turkey, Middle East.

Introduction

During the last two decades, significant progress has been made in the assessment of the Rotifera fauna of Turkey. These studies include in particular DUMONT (1981), USTAOĞLU (1986), DUMONT & DE RIDDER (1987), USTAOĞLU & BALIK (1987, 1990a, 1990b), EMIR (1989, 1990, 1991), SEGERS et al. (1992), ALTINDAĞ & SÖZEN (1996), ALTINDAĞ (1999a, 1999b), and ALTINDAĞ & YİĞİT (1999), and provide a basis upon which further studies can be built.

Material and Methods

Rotifer samples were collected by using a standard plankton net (mesh diameter 55 µm), moving it horizontally and vertically, and were fixed with formaldehyde soon after collection. The following wetlands were included in the study:

1. Lake Seyfe (Kırşehir Prov.): 18.4.98, 4.7.98, 4.8.98. – 2. Lake Akşehir (Konya Prov.): June 1992 - November 1993. – 3. Lake Abant (Bolu Prov.): January 1997 - November 1997. – 4. Yedigöller (Bolu Prov.): January 1997 - November 1997. – 5. Kesikköprü Dam Lake (Ankara Prov.): April 1995 - May 1996. – 6. Kunduzlar Dam Lake (Eskişehir Prov.): August 1994 - June 1995. – 7. Çatören Dam Lake (Eskişehir Prov.): August 1994 - June 1995. – 8. Lake Burdur (Burdur Prov.): 4.6.98, 16.6.98, 23.10.98. – 9. Lake Tuzla (Seyhan Delta) 18.5.98, 5.7.98. – 10. Lake Eğri (Sultan Marshes, Kayseri Prov.): 19.4.98, 17.5.98, 5.7.98, 5.8.98, 25.10.98, 29.11.98, 25.2.99. – 11. Lake Camuz (Sultan Marshes, Kayseri Prov.): 19.4.98, 17.5.98, 25.10.98. – 12. Lake Sarp (Sultan Marshes, Kayseri Prov.): 22.2.98, 17.5.98, 19.4.98, 5.8.98. – 13. Seyhan River