

A preliminary study on the Chironomidae (Diptera-Insecta) Fauna of some lagoons of Turkey

AYŞE TAŞDEMİR^{1*}, M.RUŞEN USTAOĞLU¹, SÜLEYMAN BALIK¹

¹ Ege University, Faculty of Fisheries, Department of Hydrobiology, 35100, Bornova,
İzmir, Turkey

[*Corresponding author: Ayşe Taşdemir, ayse.tasdemir@ege.edu.tr]

ABSTRACT

1. In this study, benthic samples collected from some lagoons in 1995 and 1996 with the scope of management and development strategies and improvement project of lagoons in Turkey coasts were used.
2. Despite the fact that 72 lagoons were studied in the scope of project, the Chironomid larvae were detected only from 27 of them, and the remains were not taken into consideration.
3. As a result of the study, 11 Chironomidae taxa (*Chironomus (C.) anthracinus*, *Chironomus (C.) plumosus*, *Chironomus (C.) salinarius*, *Chironomus (C.) tentans*, *Cryptochironomus defectus*, *Microchironomus tener*, *Polypedilum (P.) albicorne*, *Polypedilum (P.) nubifer*, *Ablabesmyia (A.) monilis*, *Procladius (Holotanypus) sp.*, *Cricotopus (C.) triannulatus*) were determined from 27 lagoons, comprising five Black Sea Lagoons, three Marmara Sea Lagoon, eleven Aegean Sea Lagoons and eight Mediterranean Sea Lagoons.
4. All the determined species are newly recorded from the localities except Lake Gebekirse (Selçuk-İzmir).

KEY WORDS: Chironomidae, *Chironomus salinarius*, fauna, lagoon, Turkey.