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## **STUDY ON ZOOPLANKTON DIVERSITY IN A POND OF THAR DESERT**

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**ABSTRACT:** The present study was carried out to assess the seasonal diversity of zooplanktons for period of 18 months from December 1998 to May 2000 in a pond (0.2 ha) of Thar Desert. Eleven genera of zooplanktons were identified belonging to Cladocera, Copepoda and Rotifera. High density (400 units/L) was recorded in the summer seasons while low density (20 units/L ) was observed during the winter seasons. The zooplankton diversity is an important criterion for evaluating the suitability of water for aquaculture purposes.

**Key words:** *Copepoda, Cladocera, Fresh water echo system, Rotifera*