



Hierarchical Analysis of Zooplankton Distribution in Three Stations on Tigris River in Baghdad City

Khalid A. Rasheed¹, Hussain A. Flayyh^{2,*}

¹*Biotechnology Research Center/Al-Nahrain University;* ²*General Company for Electrical Industries/Ministry of Industry and Minerals*

Received June 30, 2015; Accepted July 28, 2015

Abstract: Three stations were selected on the Tigris River in Baghdad area to analyze the cluster dendrogram using zooplankton community structure, applying the equation of Jccard presence-absence species index for this purpose. The results showed that the station northern and central Baghdad were closer to each other in the year of the study, with the exception of four months, in which the two stations (center and south) linked to each other. This conclusion may only represent the population distribution of plankton in the community of this year and not necessarily the general rule for such a cluster dendrogram and depends on several conditions have been addressed in the board search.

Keywords: *Zooplankton, cluster dendrogram analysis*

* Corresponding: E-Mail: k_rasheed29@yahoo.com, Tel: 009647901643243