



Spatial Distribution Of *Neochetina Eichhorniae* (Coleoptera: Curculionidae) On Water Hyacinth

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Abstract

Twenty adults of *Neochetinaeichhorniae* Warner were released on water hyacinth which was kept in a 5 litres water container, screened by a 30 cm diameter x 180 cm high cylinder wire cage covered at the top with a piece of white cloth. Five replicates were set-up. The set-up was kept in an outdoor screened cage on the grounds of the Department of Zoology, University of Ibadan, Ibadan. Seven day later, the number of *N. eichhorniae* Warner found on the different parts of the water hyacinth at a particular time (12:00 hours) of the day was recorded for five days. The insects were found to aggregate more around the rhizomes and the roots of water hyacinth. These are regions of the water hyacinth that were in contact with the medium. The number of insects found dead increases as the days increased.

Keywords: *Neochetinaeichhorniae*, Distribution, Spatial, Replicate, Water hyacinth, Rhizome, Insect