ABSTRAK

KEANEKARAGAMAN ORGANISME RHIZOSFER PADA TANAMAN DI LE HU GARDEN KECAMATAN DELI TUA TIMUR DALAM PENGEMBANGAN MODUL PEMBELAJARAN MATA KULIAH TAKSONOMI INVERTEBRATA

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Penelitian ini bertujuan untuk mengetahui jumlah organisme rhizosfer pada tanaman yang terdapat di The Le Hu Garden untuk pengembangan modul pembelajaran mata kuliah taksonomi invertebrata.Pengambilan data dilakukan dengan metode purposive random sampling.Penelitian ini dilakukan pada Juni – Agustus 2023.

Dari hasil penelitian ini ditemukan 7 Organisme Rhizosfer pada tanaman yaitu Dolicoderus thoracius (semut hitam), Lumbricus sp (cacing tanah), Pheretima javanica (cacing tanah), Pheretima sp (cacing tanah), Megascolex (cacing merah), P corethrorus (cacing tanah), Chilognatha sp (kaki seribu) dengan H" = 1,970 dan tergolong rendah. Hasil luaran penelitian ini berupa pengembangan modul pembelajaran mata kuliah taksonomi invertebrata.

Kata kunci : Keanekaragaman, Rhizosfer, Modul

ABSTRACT

DIVERSITY OF RHIZOSFER ORGANISMS ON PLANTS IN LE HU GARDEN EAST DELI TUA DISTRICT IN THE DEVELOPMENT OR LEARNING MODULES FOR INVERTEBRATE TAXONOMY

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This research aims to determine the number of rhizospere organisms in plants found in the Le Hu Garden for the development or learning modules for the invertebrate taxonomy course.Data collection was carried out using a purposive random sampling method.This research was carried out in June – August 2023.

From the result of this research, 7 Rhizosphere organisms were found in plants, namely Dolicoderus thoracius (black ants), Lumbricus sp (earthworms), Pheretina javanica (earthworms), Pheretima sp (earthworms), Megascolex (earthworms), P corethrorus (worms ground), Chilognatha sp (millipede) with H" = 1,970 and low classifled. The outputof this research is the development of a learning module for the invertebrate taxonomy coursr.

Keywords : Diversity, Rhizosper, Module