

ABSTRACT

Rian Hendriana, 2019. *Comparison Abundance Pomacea canaliculata and Melanoides tuberculata in Lake Bagendit 2 Garut Regency. Advised by Dr. rer. nat. H. Ama Rustama, M.Sc. dan Dr. Iwan Setia Kurniawan, M.Pd.*

The research on the “Comparison Abundance Pomacea canaliculata and Melanoides tuberculata in Lake Bagendit 2 Garut Regency” has been conducted on May 2019. This research was intended to obtain information on the comparison abundance Pomacea canaliculata and Melanoides tuberculata in lake bagendit 2 with uses index Sorenses. The research methods used were descriptive methods with quadrat. Techniques of the sample with Ekman grab and Hand sorting. The species obtained were data of the number Pomacea canaliculata and Melanoides tuberculata and the supporting data of the environment (water temperature, pH, dissolved oxygen and light intensity). The abundance of species Pomacea canaliculata in Lake Bagendit 2 of 67 Ind/m² and The abundance of species Melanoides tuberculata in Lake Bagendit 2 of 1.118 Ind/m². Value comparison abundance Pomacea canaliculata and Melanoides tuberculata in Lake Bagendit 2 using index Sorensen of 11%.

Keyword: *Lake Bagendit 2, abundance, Pomacea canaliculata, Melanoides tuberculata, index Sorensen.*