ABSTRACT

Handi Suganda. 2016. Comparison of Patterns of Distribution and Abundance Family Neritidae (Class Gastropoda) Between The Littoral Zone with Estuarine Cipatireman Cipatujah, Tasikmalaya District. Supervised by Dr. H. Uus Toharudin, M.Pd. as a supervisor I and Drs. Suhara, M.Pd. as supervisor II.

The purpose of this research is to obtain quantitative information about the comparative patterns of distribution and abundance family Neritidae in two places, that is at Littoral zone of Sindangkerta Beach and the estuarine of Cipatireman, Cipatujah, Tasikmalaya District, West Java. This research was conducted on 23 to 24 April 2016. The method used in this research is Descriptive method. The exctract method used *Belt transect and Hand Sorting*. Research station consists of six stations with 5 squares in Litoral zone and 6 stations with 3 squares on Estuarine Cipatireman with sampling 3 times each research station. Identification of samples carried out in the Laboratory of Biology, FKIP University of Pasundan Bandung. Organisms found in the two studies showed different results, in the Littoral zone, from all 15 animals of gastropod class, not found animal family Neritidae so the value patterns of distribution and abundance is 0, in Estuarine Cipatireman found three related species Neritidae namely *Clithon flavovirens* 29 individuals, *Neritina auriculata* one individual, and *Clithon faba* 3 individuals. So that can know the value of the distribution pattern of the animal family Neritidae in Estuaries are *Clithon flavovirens* at 28.83 so the distribution patterns is clustered, *Neritina auriculata* distribution value amounted to 0.99 so that the distribution patterns are uniform, and *Clithon faba* distribution value of 2.99 that is clumped distribution patterns. While the value of an abundance of six research stations Estuaries have an average that is, station I by 1 Ind/m^2, station II by 1 Ind/m^2, station III at 2 Ind/m^2, station IV 1 Ind/m^2, the station V 1 Ind/m^2, the station VI 3 Ind/m^2.

Keywords: Distribution, Abundance, Neritidae, Salinity, *Belt transects.*