

Guntur Janwidi Wibowo. 2016. Structure community animal life in Seagrass Sindangkerta Beach Cipatujah Distric Tasikmalaya West Java. Supervisor I by Dr.H Uus Toharudin, M.Pd. Supervisor II by Drs.Suhara, M.Pd.

This research aimed to obtain information about structure community animal life in Seagrass Sindangkerta Beach Cipatujah Distric Tasikmalaya West Java which includes the diversity and abundance of animal in seagrass among Annelids (Nereis), Gastropods, Crustacea (Hermit Crab) and Echinoderm. This research was conducted on April 2016. The method used is descriptive method. Sampling was conducted using belt transect quadrat are contained in six stations. The stations is divided into five quadrat with the size 1x1 m² every quadrat. Sampling was conducted with hand sorting method. Identification of samples was performed in the laboratory Biology FKIP Unpas Bandung. spesies of animal life in seagrass among which there are 10 species of Gastropod class, class Holothuroidea one species, class Malacostraca three species and class Polychaeta one species. Average indeks of diversity animal life in Sindangkerta Beach amount 0,601 that value included into the category of low diversity. The abundance of animal life on Sindangkerta Beach which the highest average species is owned by *Clypeomorus bifasciata* with the value of the abundance amount 3 ind/m² at the same time species *Nereis sp* have an average amount 2 ind/m² and the other spesies have a value amount 1 ind/m² with average evironmetal factor water temperature ranged 31-32 °C, pH average ranged 9,06-9,92, Dissolve oxygen average ranged 1,85-2,66 and salinity average ranged 31,6-33,8 ‰.

Key word : Diversity, Abudance, Animal Life, Sindangkerta Beach