

M. Arif Kustoni. NIM 180351100065. Kelimpahan Gastropoda Berdasarkan Tipe Sedimen pada Ekosistem Mangrove Kecamatan Socah, Bangkalan. Dibawah bimbingan **Dr. Akhmad Farid, S.Si., M.T.**

ABSTRAK

Keberadaan gastropoda tersebut menjadi acuan penelitian bahwa tipe sedimen pada ekosistem mangrove memiliki hubungan dengan kelimpahan gastropoda. Penelitian dilakukan untuk mengetahui kelimpahan gastropoda pada ekosistem mangrove berdasarkan tipe sedimen. Stasiun 1 diketahui jenis sedimen lumpur dengan persentase 94% dan lempung 4% memiliki kelimpahan total gastropoda sebesar 246 ind/m². Sedimen pada stasiun 2 memiliki jenis lumpur dengan nilai persentase lumpur sebesar 96% dan lempung sebesar 33% dengan total kelimpahan 67 ind/m². Stasiun 3 diketahui memiliki jenis sedimen lumpur berlempung dengan komposisi persentase lumpur sebesar 51% dan lempung sebesar 48% dengan nilai kelimpahan total gastropoda sebesar 94 ind/m².

Kata Kunci: gastropoda, mangrove, sedimen, kelimpahan

M. Arif Kustoni. NIM 180351100065. *Abundance of gastropods by sediment type in the mangrove ecosystem of socah district, Bangkalan.* Supervised by **Dr. Akhmad Farid, S.Si., M.T.**

ABSTRACT

The existence of gastropods is a reference for research that sediment types in mangrove ecosystems have a relationship with the abundance of gastropods. The study was conducted to determine the abundance of gastropods in mangrove ecosystems based on sediment type. Station 1 is known to be a type of silt sediment with a percentage of 94% and clay 4% with a total gastropod abundance of 246 ind/m². The sediment at station 2 has a type of silt with a percentage value of silt of 96% and clay of 33% with a total abundance of 67 ind/m². Station 3 is known to have a type of loamy sludge sediment with a percentage composition of 51% and clay of 48% with a total gastropod abundance value of 94 ind/m².

Keyword: gastropod, mangrove, sediment, abundance