

Struktur komunitas teripang (Holothuroidea) di beberapa peraoran pantai Kai Besar Maluku Tenggara

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Abstrak

Pada bulan Oktober dan Nopember 1990, komunitas teripang penghuni mintakat litoral Pulau Kai Besar, Maluku Tenggara, dicuplik di lima lokasi : Borang, Ohoiwait, Nuwahan, Wahadan dan Kurit Wur. Analisis terhadap data jumlah dan jenis fauna melibatkan lima indeks ekologis; meliputi kepadatan, kekayaan jenis, keragaman, pemerataan dan kemiripan. Terungkap bahwa komunitas teripang terdiri dari 14 jenis dimana lima jenis diantaranya hadir dengan kepadatan yang lebih tinggi di semua lokasi, yaitu *Holothuria edulis*, *H. scabra*, *H. nobilis*, *H. atra* dan *Stichopus chloronatus*. Kecilnya variasi indeks ekologis pada seluruh lokasi menunjukkan bahwa karakteristik komunitas pada seluruh lokasi tersebut relatif sama.

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Holothurian (Holothuroidea) Community Structure in Some Coastal Waters of Kai Besar Island, South-East Maluku. During October and November 1990 the holothurian community inhabiting littoral areas was assessed at five locations : Borang, Ohoiwait, Nuwahan, Wahadan and Kurit Wur. This involved five ecological indices: density, species richness, diversity, evenness and similarity. It was revealed that the holothurian community consisted of 14 species in which five among them occurred in all locations at higher densities: *Holothuria edulis*, *H. scabra*, *H. nobilis*, *H. atra* and *Stichopus chloronatus*. Small variations of the ecological indices at all locations may indicate that the community characteristics at the five locations were relatively similar.