

Biodiversitas ekhinodermata di perairan pantai Takofi, Pulau Moti - Maluku Utara

Eddy Yusron, author

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Abstrak

Dari perairan Takofi Maluku Utara telah berhasil dikumpulkan sekitar 22 jenis fauna Ekhinodermata yang mewakili 6 jenis Holothuroidea, 4 jenis Asteroidea, 5 jenis Echinoidea dan 7 jenis Ophiuroidea. Kelompok bintang mengular atau Ophiuroidea merupakan kelompok yang paling menonjol untuk daerah lamun. Dari analisa kuantitatif diperoleh nilai indek diversitas tertinggi ditemukan pada stasiun II ($H' = 1,19$), nilai indek kemerataan teringgi terdapat pada stasiun III ($J = 0,99$) dan nilai indek kekayaan jenis tertinggi didapatkan pada stasiun I ($D = 1,22$).

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Echinoderm Biodiversity in the Takofi Coastal Waters, Moti Island, North Maluku. A total of 22 echinoderm species were found in Takofi waters, North Maluku. They were represented by 6 species of holothuroidea, 4 species of asteroidea, 5 species of echinoidea and 7 species of ophiuroidea. The Ophiuroidea were relatively common in seagrass area. The quantitative analysis on the abundance data revealed the highest diversity index of faunal assemblage at station II ($H'=1.19$). The highest evenness index was exhibited by the echinoderms from station III ($J = 0.99$), while the highest species richness was represented by them from station I ($D = 1.22$).