

## Biodiversitas ekinodermata di perairan pantai Takofi, Pulau Moti - Maluku Utara

Eddy Yusron, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=117394&lokasi=lokal>

---

### Abstrak

Dari perairan Takofi Maluku Utara telah berhasil dikumpulkan sekitar 22 jenis fauna Ekinodermata 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 pemerataan tertinggi terdapat pada stasiun III ( $J = 0,99$ ) dan nilai indek kekayaan jenis tertinggi didapatkan pada stasiun I ( $D = 1,22$ ).

<hr>

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 ( $D = 1.22$ ).