

Sumberdaya teripang di perairan Tanjung Pai Padaibo Biak Numfor Papua

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Abstrak

Pengamatan keanekaragaman jenis teripang telah dilakukan di wilayah perairan pesisir desa Pai dan desa Imbeyomi di Perairan Padaido, Biak Numfor. Pengambilan contoh dikerjakan dengan menggunakan transek kuadran ukuran 1 m x 1 m sebanyak 3 garis transek. Sampling dan pengamatan mikrohabitatnya dilakukan dengan snorkling. Analisis terhadap struktur komunitas berdasarkan pada analisis kehadiran, keanekaragaman, dan kepadatan. Hasil yang diperoleh menunjukkan bahwa di dua lokasi tersebut terdapat 10 jenis teripang jenis *Holothuria edulis*, *H. atra*, dan *H. nobilis* melimpah.

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Sea Cucumber Resources At Tanjung Pai Waters Padaido Biak Numfor Papua. Observation on sea cucumber diversity was carried out at coastal waters of Pai and Imbeyomi Islands in the Padaido Island Biak Numfor. Sampling was done by using a transect quadrant of 1 m x 1 m. This sampling and observation on its microhabitat were conducted by snorkling. Analyses on the sea cucumber community structure were based on its frequency of occurrence, diversity, and density. The results showed that at both locations 10 species of sea cucumber were found where *Holothuria edulis*, *H. atra*, and *H. nobilis* were predominant common and more evenly distributed than the other species.