

SALMAN AL FARISI NPM 120341100028. Struktur komunitas gastropoda serta jenisnya di perairan modung kabupaten bangkalan. Dibawah bimbingan Dr.H.Agus Romadhon, SP.M.Si dan Dr.H.Mahfud Efendi S,Pi, M.Si

ABSTRAK

Penelitian struktur komunitas di Perairan Modung kabupaten Bangkalan di lakukan pada 17 juni 2018. Tujuan dari penelitian ini yaitu untuk mengetahui struktur komunitas gastropoda di perairan modung kabupaten Bangkalan, pengambilan sampel dilakukan dengan menggunakan transek $10 \times 10 \text{ m}^2$ dengan 5 titik di dalamnya ukuran $1 \times 1 \text{ m}^2$. sampel gastropoda yang di temukan di identifikasi dan di analisis indeks kepadatan, indeks keanekaragaman, indeks ke seragaman, dan indeks dominasi gas stropoda. Hasil dari penelitian ini di temukan 6 jenis. Kepadatan tertinggi berada di stasiun 3 dengan nilai $7,6 \text{ ind/m}^2$ sedangkan yang terendah dengan nilai $4,6 \text{ ind/m}^2$. Indeks keanekaragaman di masing – masing stasiun tergolong rendah. Indeks keseragaman tinggi dan tidak ada dominasi. Kualitas perairan tergolong baik karena sesuai dengan standart baku mutu air yang sudah di tetapkan oleh keputusan menteri lingkungan hidup (KMNLH) nomer 51 tahun 2004 tentang standart baku mutu air laut

Kata kunci : Struktur Komunitas, Gastropoda, Modung

SALMAN AL FARISI NPM 120341100028. The structure of the gastropod community and its types in the modern waters of the Bangkalan district. Under the guidance of Dr.H.Agus Romadhon, SP.M.Si and Dr.H.Mahfud Efendi S, Pi, M.Si

ABSTRACT

Modung aquatic community structure in Bangkalan done on 17 June 2018. The purpose of this study is to knowing the structure of the gastropod community in the modern waters of the regency district, sampling was carried out using a 10 x 10 m transect² with 5 points in it measuring 1x1 m². Gastropod samples found were identified and analyzed by index density, diversity index, index to diversity, and index of gas predominance stropods. The results of this study found 6 types. The highest density is at station 3 with a value of 7.6 ind / m² while the lowest value is 4.6 ind / m². The diversity index in each station is classified as low. High uniformity index and no dominance. Water quality is quite good because in accordance with the standards of water quality standards that have been set by the environment minister's decision (KMNLH) number 51 of 2004 on marine water quality standards

Keywords: Community Structure, gastropods, Modung

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