

ABSTRAK

DORINA R. SANGAJI. 05161711019. Struktur Komunitas Gastropoda Pada Ekosistem Lamun di Desa Maitara Selatan Kota Tidore Kepulauan. Dibimbing oleh **SUNARTI** dan **MESRAWATY SABAR.**

Gastropoda biasa disebut siput atau keong memiliki nilai ekonomis penting sebab cangkangnya dapat digunakan untuk berbagai macam hiasan atau cinderamata dan dagingnya sebagai sumber bahan makanan. Tujuan penelitian diantaranya mengetahui komposisi jenis gastropoda dan menentukan struktur komunitas gastropoda pada padang lamun di Desa Maitara Selatan Kota Tidore Kepulauan meliputi keanekaragaman jenis, dominansi jenis, dan pemerataan jenis. Pengambilan sampel menggunakan kuadran berukuran 1x1 m. Parameter lingkungan yang diukur diantaranya suhu, salinitas, dan pH. Analisis data yang digunakan yaitu komposisi jenis, kepadatan jenis, keanekaragaman jenis, dominansi jenis, pemerataan jenis, dan pola sebaran. Hasil penelitian menunjukkan bahwa terdapat 30 jenis gastropoda yang ditemukan di Desa Maitara Selatan diantaranya *Canarium urceus*, *Ergalatax margaliticola*, *Strombus luhuanus*, *Strombus turturella*, *Euthria cornea*, *Morulla granulata*, *Strombus mutabilis*, *Cassidula aurisfelis*, *Cerithium coralium*, *Cypraea annulus*, *Cypraea moneta*, *Trochus niloticus*, *Nassarius niger*, *Drupella margariticola*, *Conus magus*, *Oliva vidua*, *Littorina scabra*, *Morula uva*, *Turritella terebra*, *Semiricinula konkanensis*, *Vexillum plicarium*, *Zelandiella subnodosa*, *Cerithium litteratum*, *Stramonita gradate*, *Nucella lamellosa*, *Achatina zanzibarica*, *Vexillum ebenus*, *Fasciolaria tulipa*, *Polinices perspicuus*, dan *Nassarius* sp. Struktur komunitas gastropoda di Desa Maitara Selatan diantaranya kepadatan jenis tertinggi terdapat pada jenis *Canarium urceus*, keanekaragaman jenis tergolong tinggi, tidak ada spesies yang mendominasi padang lamun, penyebaran jenis fauna sangat merata, dan pola sebaran gastropoda berupa mengelompok dan seragam.

Kata Kunci: Struktur Komunitas, Gastropoda, Padang Lamun

ABSTRACT

DORINA R. SANGAJI. 05161711019. Gastropod Community Structure in the Seagrass Ecosystem in South Maitara Village, Tidore Islands City. Supervised by **SUNARTI** and **MESRAWATY SABAR**.

Gastropods, commonly called snails or snails, have important economic value, their shells can be used for various kinds of decoration or souvenirs and their flesh is a source of food. The research objectives include knowing the composition of gastropod species and determining the structure of the gastropod community in seagrass beds in South Maitara Village, Tidore Islands City, including species diversity, dominant species and evenness of species. Sampling was taken using a 1x1 m quadrant. The environmental parameters measured include temperature, salinity and pH. The data analysis used is species composition, species density, species diversity, species dominance, species evenness, and distribution patterns. The results of the research showed that there were 30 types of gastropods found in South Maitara Village including *Canarium urceus*, *Ergalatax margaliticola*, *Strombus luhuanus*, *Strombus turturella*, *Euthria cornea*, *Morulla granulata*, *Strombus mutabilis*, *Cassidula aurisfelis*, *Cerithium corallium*, *Cypraea annulus*, *Cypraea moneta*, *Trochus niloticus*, *Nassarius niger*, *Drupella margariticola*, *Conus magus*, *Oliva vidua*, *Littorina scabra*, *Morula uva*, *Turritella terebra*, *Semiricinula konkanensis*, *Vexillum plicarium*, *Zelandiella subnodosa*, *Cerithium literatum*, *Stramonita gradate*, *Nucella lamellosa*, *Achatina zanzibarica*, *Vexillum ebenus*, *Fasciolaria tulipa*, *Polinices perspicuus*, and *Nassarius* sp. The structure of the gastropod community in South Maitara Village includes the highest species density found in the *Canarium urceus* species, species diversity is relatively high, there is no species that dominates the seagrass beds, the distribution of fauna types is very even, and the gastropod distribution pattern is clustered and uniform.

Keywords: *Community Structure, Gastropods, Seagrass*