

ABSTRAK

Pulau Tabuhan merupakan pulau kecil yang terletak di Desa Bengkak, Kecamatan Wongsorejo Kabupaten Banyuwangi. Luas wilayah Pulau Tabuhan sekitar 53.350 m² atau kurang lebih 5 hektar. Penelitian ini dilakukan di Pulau Tabuhan mengingat masih belum ada data terbaru mengenai persentase tutupan terumbu karang. Terumbu karang adalah ekosistem bawah laut berupa endapan massif (kalsium karbonat) yang dibentuk oleh biota laut penghasil kapur. Tujuan dari penelitian ini untuk mengetahui kondisi dan persentase tutupan terumbu karang di Pulau Tabuhan Kabupaten Banyuwangi berdasarkan *lifeform* dan jenis. Metode yang digunakan yaitu *Line Intersect Transect* (LIT). Lokasi pengambilan data di stasiun leeward dan windward. Lokasi leeward yaitu daerah yang membelakangi arah datangnya angin. Lokasi windward yaitu daerah yang menghadap langsung ke arah datangnya angin. Hasil yang diperoleh dari penelitian ini yaitu lokasi leeward kedalaman 3 meter persentase tutupan karang sebesar 30% (kondisi sedang). Kedalaman 10 meter persentase tutupan karang sebesar 25% (kondisi sedang). Lokasi windward kedalaman 3 meter persentase tutupan karang sebesar 29% (kondisi sedang). Kedalaman 10 meter persentase tutupan karang sebesar 52% (kondisi baik).

Kata Kunci: Pulau Tabuhan, Terumbu Karang, Leeward, Windward.

ABSTRACT

Tabuhan Island is a small island located in Bengkak Village, Wongsorejo Subdistrict, Banyuwang Regency. The area of Tabuhan Island is about 53,350 m² or approximately 5 hectares. This research was conducted in Tabuhan Island considering that there is still no recent data on the percentage of coral reef cover. Coral reefs are underwater ecosystems in the form of massif deposits (calcium carbonate) formed by lime-producing marine biota. The purpose of this study is to find out the condition and percentage of coral reef cover in Tabuhan Island Banyuwangi regency based on lifeform and type. The method used is Line Intersect Transect (LIT). Data collection locations at leeward and windward stations. Leeward's location is an area that is turning its back on the direction of the wind. Windward location is an area that faces directly towards the coming wind. The results obtained from this study are the location of leeward depth of 3 meters percentage of coral cover by 30% (moderate condition). Depth of 10 meters percentage of coral cover by 25% (moderate condition). Windward location depth of 3 meters percentage of coral cover by 29% (moderate condition). Depth of 10 meters percentage of coral cover by 52% (good condition).

Keywords: Tabuhan Island, Coral Reefs, Leeward, Windward.