

ABSTRAK

Rafli Sofyan : Distribusi Mangrove Jenis *Xylocarpus granatum* Koen di Desa Waleh Kecamatan Weda Utara Kabupaten Halmahera Tengah Hasil Penelitian ini akan dijadikan sebagai Video Dokumenter. Skripsi. Ternate : **Fakultas Keguruan dan Ilmu Pendidikan Universitas Khairun, 2021**

Hutan mangrove merupakan vegetasi yang tersusun atas pohon dan semak yang toleran terhadap garam dan hidup di zona pasang surut air laut. Kabupaten Halmahera Tengah merupakan salah satu kabupaten di Maluku Utara yang sebagian besar memiliki wilayah laut yang sangat luas. Ekosistem mangrove yang ada di Kabupaten Halmahera Tengah terdapat hampir di semua Kecamatan. Hutan mangrove yang terdapat di Desa Waleh. Penelitian ini bersifat deskriptif kualitatif. Yang menjadi objek pada penelitian ini adalah mangrove jenis *Xylocarpus granatum* untuk menentukan Distribusi Spasial (Pola Sebaran). Teknik pengumpulan data menggunakan teknik jelajah, lalu dibuat transek secara tegak lurus dari arah laut ke darat berjumlah 5 transek, tiap transek terdiri dari 3 plot yang berukuran 20x20 m secara keseluruhan berjumlah 15 plot pengamatan. Hasil penelitian menunjukkan bahwa Distribusi spasial *Xylocarpus granatum* tergolong seragam karena nilai $I_d < 1$ yaitu 0.2. Hasil penelitian dijadikan video dokumenter dan sudah divalidasi, menunjukkan kriteria sangat layak yaitu 88.4 sehingga dapat dijadikan sebagai bahan informasi kepada masyarakat Desa Waleh terkait distribusi spasial dan karakter populasi mangrove jenis *Xylocarpus granatum* di lokasi penelitian.

Kata Kunci : Distribusi Spasial, *Xylocarpus granatum*, Waleh Weda Utara. Video Dokumenter

ABSTRACT

Rafli Sofyan: Mangrove distribution of *Xylocarpus granatum* Koen in Waleh Village, North Weda District, Central Halmahera Regency. The results of this research will be used as a Documentary Video. Essay. **Ternate : Faculty of Teacher Training and Education Khairun University, 2021**

Mangrove forests are vegetation composed of trees and shrubs that are salt tolerant and live in tidal zones of sea water. Central Halmahera Regency is one of the regencies in North Maluku, most of which have a very wide sea area. The mangrove ecosystem in Central Halmahera Regency is found in almost all sub-districts. Mangrove forest in Waleh Village. This research is descriptive qualitative. The object of this research is the mangrove species *Xylocarpus granatum* to determine the Spatial Distribution (Distribution Pattern). The data collection technique used a cruising technique, then transects were made perpendicular from the sea to the land totaling 5 transects, each transect consisting of 3 plots measuring 20x20 m in total totaling 15 observation plots. The results showed that the spatial distribution of *Xylocarpus granatum* was uniform because the Id value <1 was 0.2. The results of the study were made into a documentary video and have been validated, showing a very feasible criterion of 88.4 so that it can be used as information material for the Waleh Village community regarding the spatial distribution and character of the *Xylocarpus granatum* mangrove population in the research location.

Keywords: Spatial Distribution, *Xylocarpus granatum*, North Weda Waleh. Documentary Videos