

BAHRUL SUHARLAN. 04341711012. KEANEKARAGAMAN BURUNG DI KAWASAN MANGROVE DESA MADAPOLO BARAT KECAMATAN OBI UTARA

Pembimbing : Dr. Ramli Hadun, S.P., M.Sc
Fadila Tamnge, S.Hut., M.Si

RINGKASAN

Kawasan hutan mangrove di Desa Madapolo Barat merupakan salah satu habitat bagi flora dan fauna, khususnya burung. Namun dari hasil observasi lapangan secara spesifik belum ada data mengenai keanekaragaman burung. Tujuan dari penelitian ini adalah menganalisis habitat burung dan menganalisis keanekaragaman jenis-jenis burung di kawasan mangrove Desa Madapolo Barat. Metode yang digunakan dalam penelitian dengan melakukan teknik observasi atau pengamatan langsung diantaranya melihat profil habitat pengukuran dilakukan terhadap tinggi pohon, tutupan tajuk, dan kedudukan vegetasi serta deskripsi habitat. Dalam pengamatan Burung digunakan metode point count. Analisis data dianalisis secara deskriptif kualitatif untuk melihat hubungan antara komposisi burung dengan kondisi habitat pada setiap lokasi penelitian, dengan menggunakan Indeks keanekaragaman, kekayaan dan kemerataan. Hasil menunjukkan habitat kawasan hutan mangrove di Desa Madapolo Barat terletak di dataran rendah memiliki ketinggian tempat berkisar antara 0-8 mdpl dengan tutupan tajuk jarang (terbuka) hingga rapat. Rata-rata memiliki tinggi pohon berkisar antara 4-20 meter dengan jarak antar tanaman 2-6 meter dan tidak beraturan. Keanekaragaman jenis burung yang ditemukan sebanyak 18 jenis burung dari 12 famili pada dua jalur pengamatan. Berdasarkan Indeks Shannon-Wiener keanekaragaman, kekayaan dan kemerataan jenis burung tertinggi yaitu terdapat pada lokasi habitat jalur II dengan nilai indeks keanekaragaman ($H' = 2,489$; $R1 = 2.64$; $E' = 0,88$). Sedangkan terendah terdapat pada lokasi habitat jalur I dengan nilai keanekaragaman ($H' = 2,153$; $R1 = 2.15$; $E' = 0,82$).

Kata Kunci: Keanekaragaman Burung mangrove

BAHRUL SUHARLAN. 04341711012. BIRD DIVERSITY IN MANGROVE AREA, WEST MADAPOLO VILLAGE, OBI UTARA DISTRICT

Pembimbing : Dr. Ramli Hadun, S.P., M.Sc

Fadila Tamnge, S.Hut., M.Si

SUMMARY

The mangrove forest area in West Madapolo Village is one of the habitats for flora and fauna, especially birds. However, from the results of field observations specifically there is no data on bird diversity. The purpose of this study was to analyze bird habitat and analyze the diversity of bird species in the mangrove area of West Madapolo Village. The method used in this research is to conduct observation or direct observation techniques including looking at the habitat profile, measurements are made of tree height, canopy cover, and vegetation position as well as habitat descriptions, In bird observation, point count method is used. Data analysis was analyzed descriptively qualitatively to see the relationship between bird composition and habitat conditions at each research location, using the diversity, richness and evenness index. The results show that the habitat of the mangrove forest area in West Madapolo Village is located in the lowlands with an altitude ranging from 0-8 meters above sea level with rare (open) to dense canopy cover. The average tree height ranges from 4-20 meters with a distance between plants of 2-6 meters and is irregular. The diversity of bird species found as many as 18 bird species from 12 families in two observation lines. Based on the Shannon-Wiener Index, the habitat with the highest diversity, richness, and evenness of bird species is found in the path II habitat location with a diversity index value ($H'=2.489$; $R1=2.64$; $E'=0.88$). While the lowest was found in the habitat location of Path I with the value of diversity ($H'=2.153$; $R1=2.15$; $E'=0.82$).

Keywords : Diversity Birds Mangroves