

**NURFAJRIN HATIBIE. 04341811029. ANALISIS VEGETASI
ANGIOSPERMAE DAN GYMNOSPERMAE DI KAWASAN HUTAN DESA
KELURAHAN MOYA KECAMATAN TERNATE TENGAH**

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RINGKASAN

Kawasan Hutan Desa Kelurahan Moya merupakan Kawasan yang memiliki kondisi alam yang menarik yang di jadikan tempat ekowisata. Namun belum ada penelitian vegetasi *Angiospermae* dan *Gymnospermae* yang di lakukan di kawasan ini sebelumnya. Penelitian ini bertujuan untuk mengetahui tingkat dominansi vegetasi *Angiospermae* dan *Gymnospermae* tingkat pohon di Kawasan Hutan Desa Kelurahan Moya Kecamatan Ternate Tengah dan untuk mengetahui keanekaragaman vegetasi di Kawasan Hutan Desa Kelurahan Moya Kecamatan Ternate Tengah. Metode yang di gunakan dalam penelitian ini yaitu Jalur berpetak.

Hasil penelitian menunjukkan vegetasi *Angiospermae* dan *Gymnospermae* yang paling dominan di Kawasan Hutan Desa Kelurahan Moya Kecamatan Ternate Tengah jenis vegetasi *Angiospermae* dengan 16 suku dan *Gymnospermae* 1 suku. Jumlah vegetasi yng di temukan 46 jenis vegetasi dengan total individu pada semua jenis vegetasi tingkat semai, pancang, tiang, dan pohon ada 716 individu terdiri dari 17 jenis vegetasi tingkat semai, 28 jenis vegetasi tingkat pancang, 23 jenis tingkat tiang, 27 jenis tingkat pohon, indeks nilai penting tertinggi tingkat semai adalah tumbuhan paku yaitu 58,99 %, indeks nilai penting tertinggi tingkat pancang adalah cengkeh yaitu 34,83% , indeks nilai penting tertinggi vegetasi tingkat tiang adalah kayu manis yaitu 59,76%, indeks nilai penting tertinggi vegetasi tingkat pohon adalah cengkeh yaitu 72,88%. Indeks keanekaragaman jenis menyatakan pada Kawasan Hutan Desa Kelurahan Moya Kecamatan Ternate Tengah tingkat semai, pancang, tiang, dan pohon yaitu berkisaran 1,97-2,74 dalam indeks keanekaragam jenis Shannon Winner di nyatakan kategori sedang, indeks pemerataan di kawasan hutan desa kelurahan moya kecamatan ternate tengah memiliki tingkatan maksimum yaitu 0,69-0,86 atau merata, sedangkan untuk kekayaan jenis di Kawasan Hutan Desa Kelurahan Moya Kecamatan Ternate Tengah memiliki tingkat kekayaan jenis yang berbeda pada tingkat komposisi tegakan hutan.

Kata kunci; Analisis vegetasi, Hutan desa, Indeks nilai penting

**NURFAJRIN HATIBIE. 04341811029. ANALYSIS OF VEGETATION
ANGIOSPERMS AND GYMNOSPERMS IN THE VILLAGE FOREST
AREA MOYA VILLAGE CENTRAL TERNATE DISTRICT**

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SUMMARY

The Moya Village Forest Area is an area that has attractive natural conditions which are used as ecotourism places. However, no research on Angiosperms and Gymnosperms has been conducted in this area before. This study aims to determine the level of dominance of the vegetation Angiosperms and Gymnosperms at the tree level in the Village Forest Area of Moya Village, Central Ternate District, and to determine the diversity of vegetation in the Village Forest Area of Moya Village, Central Ternate District. The method used in this study is the checkered path.

The results showed that the vegetation of Angiosperms and Gymnosperms were the most dominant in the Village Forest Area of Moya Village, Central Ternate District, the type of vegetation was Angiosperms with 16 tribes and Gymnosperms 1 tribe. The number of vegetation found was 46 types vegetation with a total of 716 individuals at all types of vegetation at the seedling, sapling, pole, and tree levels, consisting of 17 types of vegetation at the seedling level, 28 types of vegetation at the sapling level, 23 species at the pole level, 27 species at the tree level. , the highest important value index at the seedling level was ferns, namely 58.99%, the highest important value index at the sapling level was cleft, which was 34.83%, the highest important value index at the pole level was cinnamon, which was 59.76%, the tree-level vegetation is clove, which is 72.88%. The species diversity index stated that in the Village Forest Area of Moya Village, Central Ternate District, the level of seedlings, saplings, poles, and trees ranged from 1.97-2.74 in the Shannon Winner species diversity index, it was stated in the medium category, the evenness index in the village forest area of Moya Village Central Ternate sub-district has a maximum level of 0.69-0.86 or evenly distributed, while for the species richness in the Moya Village Forest Area, Central Ternate District has a different level of species richness at the level of forest stand composition.

Keywords; Vegetation analysis, Village forest, Importance value index