

DIVERSITAS DAN POLA SEBARAN JENIS KUPU-KUPU LOKAL DI KAWASAN HUTAN TERNATE TENGAH SEBAGAI BAHAN PENYUSUN POSTER BAGI MASYARAKAT

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ABSTRAK

Kupu-kupu merupakan salah satu serangga yang tergolong pada ordo lepidoptera bersayap sisik yang memiliki bentuk sayap indah dan warnanya yang beragam, sering berterbangan di antara dedaunan dan di sekitar bunga-bunga untuk mencari makan. Penelitian ini bertujuan untuk mendeskripsikan keanekaragaman dan pola sebaran jenis kupu-kupu lokal. Penelitian ini merupakan penelitian non eksperimen dengan rancangan penelitian deskriptif eksploratif dengan menggunakan metode survey, Teknik pengambilan data dilakukan di kawasan hutan Ternate Tengah, terdapat satu titik pengambilan data dengan lima transek. Hasil penelitian ditemukan sebanyak 15 jenis kupu-kupu lokal, dengan jumlah individu sebanyak 88 individu dari lima family, yaitu Papilionidae (*Pachliopta polyphontes*, *Papilio sataspes*) sebanyak 2 jenis, Nymphalidae (*Euploea tulliolus*, *Danaus genutia*, *Mycalesis perseus caesonia*, *Paratica Aspasia-aspasia*, *Limenitis helena*, *Yoma sabina*, *Vindula dejone dorokusana*, *Ideopsis similis*, *Cyrestis acilia latifascia*) sebanyak 9 jenis, Pieridae (*Pieris brassicae*, *Eurema sari sodalis*) sebanyak 2 jenis, Lycaenidae (*Arhopala major*) sebanyak 1 jenis dan Callidulidae (*Callidula evander*) sebanyak 1 jenis. Analisis indeks keanekaragaman kupu-kupu lokal di kawasan hutan Ternate Tengah dengan memperoleh sebesar $H' = 2.33$ dikategorikan keanekaragaman kupu-kupu rendah berdasarkan kriteria nilai indeks keanekaragaman Shannon Wiener formulasi Magurran. Selanjutnya analisis pola sebaran memiliki pola sebaran secara umum berkelompok dengan memiliki nilai sebesar $17,6$ atau $S^2 > \bar{x}$, maka penyebaran secara berkelompok..

Kata Kunci : Keanekaragaman, pola sebaran, kupu-kupu lokal, kawasan hutan Ternate Tengah

DIVERSITY AND DISTRIBUTION PATTERNS OF TYPES OF LOCAL BUTTERFLY IN THE CENTRAL TERNATE FOREST AREA AS A POSTER CONSTRUCTION MATERIAL FOR THE SOCIETY

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ABSTRACT

The butterfly is one of the insects belonging to the order of lepidoptera with scales-winged which has beautiful wing shapes and various colors, often flying among the leaves and around flowers to find food. This study aims to describe the diversity and distribution patterns of local butterfly species. This research is a non-experimental study with a descriptive exploratory research design using a survey method. The data collection technique was carried out in the forest area of Central Ternate. There was one data collection point with five transects. The research found that there were 15 species of local butterflies, with 88 individuals from five families, namely 2 types of Papilionidae (*Pachliopta polyphontes*, *Papilio sataspes*), Nymphalidae (*Euploea tulliolus*, *Danaus genutia*, *Mycalesis perseus caesonia*, *Paratica Aspasia-aspasia*), *Limenitis helena*, *Yoma sabina*, *Vindula dejone dorokusana*, *Ideopsis similis*, *Cyrestis acilia latifascia*) as many as 9 species, Pieridae (*Pieris brassicae*, *Eurema sari sodalis*) as many as 2 species, Lycaenidae (*Arhopala major*) as many as 1 species and Callidulidae (*Callidula evander*) as many 1 type. Analysis of the diversity index of local butterflies in the forest area of Central Ternate by obtaining $H' = 2.33$ categorized as low butterfly diversity based on the criteria of the diversity index value of Shannon Wiener's Magurran formulation. Furthermore, the distribution pattern analysis has a generally group distribution pattern with a value of 17.6 or $S^2 > \bar{x}$, then the distribution is grouped.

Keywords: Diversity, distribution patterns, local butterflies, Central Ternate forest area.