

ABSTRAK

Cindika Silaban, NIM 4172220002 (2021) Keanekaragaman Kupu-Kupu (Lepdoptera: Rhopalocera) Serta Status Perlindungannya Di Taman Wisata Alam Sicike-Cike Sumatera Utara

Kupu-kupu merupakan jenis serangga yang paling banyak dikenal dan sering dijumpai karena bentuk dan warnanya yang indah dan beragam. Kupu-kupu termasuk dalam Ordo Lepidoptera, yang berarti sayapnya bersisik. Sisik inilah yang memberi corak dan warna pada sayap. Penelitian ini bertujuan untuk mengetahui keanekaragaman spesies kupu-kupu (Lepidoptera: Rhopalocera) serta status perlindungannya di kawasan Taman Wisata Alam Sumatera Utara. Penelitian ini dilaksanakan pada bulan Februari sampai April 2021. Penelitian ini menggunakan metode jelajah. Kupu-kupu ditangkap menggunakan insect net, selanjutnya di dokumentasi untuk identifikasi. Dari hasil identifikasi ditemukan 354 individu yang termasuk kedalam 29 spesies, dan 5 famili. Spesies yang paling banyak ditemukan di lokasi penelitian adalah *Tanaecia yapis* dan *Ragadia makuta*. Indeks keanekaragaman kupu-kupu di Taman Wisata Alam Sicike-cike Sumatera Utara masuk kedalam kategori sedang, berturut-turut Danau I ($H' = 2.399204$), Danau II ($H' = 2.1838$), Danau III ($H' = 2.6185625$), Air Terjun ($H' = 3.102801694$) dan Pintu Rimba ($H' = 2.17586$). Indeks Keseragaman/kemerataan berada dalam kategori rendah, berturut-turut Danau I ($E = 2.3992$), Danau II ($E = 2.6185625$), Danau III ($E = 3.1028$), Air Terjun ($E = 3.1028$), dan Pintu Rimba ($E = 2.17586$). Indeks Dominansi berada dalam kategori kecil, Danau I ($D = 0.098765432$), Danau II ($D = 0.139753086$), Danau III ($D = 0.095344175$), Air Terjun ($D = 0.052517361$), dan Pintu Rimba ($D = 0.140625$).

Kata Kunci: Kupu-kupu, Taman Wisata Alam Sicike-cike, keanekaragaman, Lepidoptera, Status perlindungan.



ABSTRACT

Cindika Silaban, NIM 4172220002 (2021) Diversity of Butterflies (Lepidoptera: Rhopalocera) and their Protection Status in the Siicke-cike Nature Tourism Park, North Sumatra

Butterflies are a type of insect that is most widely known and often encountered because of their beautiful and varied shapes and colors. Butterflies belong to the Order Lepidoptera, which means that their wings are scaly. It is these scales that give the wings their hue and color. This research aims to determine the diversity of butterflies (Lepidoptera: Rhopalocera) and their protection status in the Sicike-cike Nature, Park Sumatra Utara. This research was conducted from February to April 2021. This research used the cruising method. Butterflies data collection was carried out in the morning at 08:00-10:00 WIB and continued in the afternoon at 13:00-15:00 WIB. Butterflies were caught using insect net, then documented for identification. The results found 354 individuals belonging to 29 and 5 families. The most common species found in the research area were *Tanaecia yapis* and *Ragadia makuta*. The butterfly diversity index in Sicike-cike Nature Park, North Sumatra, was in the medium category, respectively, Danau I ($H' = 2.399204$), Danau II ($H' = 2.1838$), Danau III ($H' = 2.6185625$), Air Terjun ($H' = 3.102801694$) and Pintu Rimba ($H' = 2.17586$). The Uniformity/evenness index in the low category, respectively, Danau I ($E = 2.3992$), Danau II ($E = 2.6185625$), Danau III ($E = 3.1028$), Air Terjun ($E = 3.1028$), and Pintu Rimba ($E = 2.17586$). The Dominance index in the small category, Danau I ($D = 0.098765432$), Danau II ($D = 0.139753086$), Danau III ($D = 0.095344175$), Air Terjun ($D = 0.052517361$), and Pintu Rimba ($D = 0.140625$).

Keywords: Butterfly, Sicike-cike Nature Park, Diversity, Lepidoptera, Protection Status

