

KEANEKARAGAMAN DAN DISTRIBUSI AMFIBI DI SUAKA MARGASATWA LAMANDAU, KALIMANTAN TENGAH

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INTISARI

Suaka Margasatwa Lamandau (SM Lamandau) merupakan kawasan konservasi dengan ekosistem hutan rawa gambut yang terletak di Kalimantan Tengah. Sebagai salah satu lokasi konservasi Orangutan Kalimantan, SM Lamandau berpotensi memiliki kekayaan jenis flora dan fauna yang tinggi, salah satunya adalah amfibi. Amfibi memiliki peran penting sebagai indikator kesuksesan pengelolaan kawasan hutan. Namun, penelitian mengenai keanekaragaman amfibi di SM Lamandau belum pernah dilakukan sehingga penelitian ini bertujuan untuk mengetahui keanekaragaman dan distribusi amfibi di SM Lamandau. Penelitian dilakukan pada tanggal 7 – 18 Maret 2019 di *camp* JL, *camp* Siswoyo, dan *camp* Rasak Suaka Margasatwa Lamandau. Metode yang digunakan adalah *Visual Encountered Survey* (VES) dan *Time Search* (TS). Keanekaragaman dan kemerataan jenis dihitung menggunakan Indeks Shannon-Wiener dan Indeks Pielou sedangkan distribusi amfibi digambarkan menggunakan peta sebaran. Sebanyak 85 individu yang terdiri dari 8 spesies amfibi ditemukan. Indeks keanekaragaman dan Indeks kemerataan jenis paling tinggi terdapat di *camp* Siswoyo dengan nilai masing-masing 1,24 dan 0,77. Kemelimpahan tiap jenis amfibi tergolong sangat jarang – jarang dan distribusi tiap jenis amfibi sesuai berdasarkan preferensi habitatnya masing-masing.

Kata kunci: Hutan rawa gambut, Kalimantan Tengah, Amfibi

AMPHIBIAN DIVERSITY AND DISTRIBUTION IN LAMANDAU WILDLIFE RESERVE, CENTRAL KALIMANTAN

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ABSTRACT

Lamandau Wildlife Reserve is a conservation area with peat swamp forest ecosystem located in Central Kalimantan. As one of Bornean Orangutan conservation areas, Lamandau Wildlife Reserve is likely to have high diversity of flora and fauna, including amphibians. Amphibians play significant role as bio-indicator of forest management success. Unfortunately research on amphibian diversity in Lamandau Wildlife Reserve has never been conducted, therefore this research is aimed to know the amphibian diversity and distribution in Lamandau Wildlife Reserve. The research was carried out on March 7 – 18, 2019 in camp JL, camp Siswoyo, and camp Rasak, Lamandau Wildlife Reserve. Amphibian was sampled by using Visual Encounter Survey (VES) combined with Time Search (TS) methods. Species diversity and evenness were calculated using the Shannon-Wiener and Pielou Index while species distribution was described using distribution maps. A total of 85 individuals consisting of 8 amphibian species were found. Camp Siswoyo has the highest diversity and evenness index with the values of 1,24 and 0,77 respectively. The abundance of each species is very rare to rare and its distribution is based on their habitat preferences.

Keyword: Peat swamp forest, Central Kalimantan, Amphibian