

**Keanekaragaman Jamur Makro di Jalur
Pendakian Cemoro Sewu Gunung Lawu, Magetan,
Jawa Timur**

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INTISARI

Jalur Pendakian Cemoro Sewu Gunung Lawu terletak di Kecamatan Plaosan, Kabupaten Magetan, Jawa Timur. Penelitian keanekaragaman jamur makro di Jalur Pendakian Cemoro Sewu Gunung Lawu pada bulan Februari 2020. Survei pendahuluan di lokasi penelitian menunjukkan kehadiran berbagai jamur makro yang tumbuh di jalur pendakian, namun penelitian mengenai keberadaan jamur makro belum dilaporkan.

Penelitian ini bertujuan untuk mengidentifikasi jamur makro serta menganalisis keanekaragaman dan kelimpahan jamur makro yang terdapat di kawasan penelitian. Pengamatan dan pengambilan data dilakukan dengan transek garis pada jalur pendakian mulai dari ketinggian 1900 mdpl hingga 3100 mdpl. Penelitian dilakukan di sepanjang jalur dengan lebar 1m di sisi kanan dan kiri jalur pendakian. Proses identifikasi dilakukan hingga tingkat genera dengan mengamati karakter makroskopis jamur makro.

Dari hasil penelitian diperoleh terdapat 28 genera jamur makro di Jalur Pendakian Cemoro Sewu Gunung Lawu. Tingkat keanekaragaman jamur makro di Jalur Pendakian Cemoro Sewu Gunung Lawu memiliki kisaran tingkat keanekaragaman rendah sampai sedang dengan nilai indeks keanekaragaman sebesar 0,8 sampai 1,6. Sedangkan nilai kelimpahan jamur makro bervariasi pada tiap ketinggian dengan rentang nilai kelimpahan 0,0098-0,7586 individu/m² dan didominasi oleh genera *Hygrocybe*.

**Kata Kunci : Keanekaragaman, Kelimpahan, Jamur makro, Jalur
Pendakian Cemoro Sewu**

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Diversity of Macrofungi in Cemoro Sewu Track of Lawu Mountain, Magetan, East Java

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ABSTRACT

Cemoro Sewu Track of Lawu Mountain located in Plaosan district, Magetan regency, Jawa Timur. The research was conducted on the Cemoro Sewu Track of Lawu Mountain on February 2020. Preliminary survey on the research location found a variety of macrofungi along the track, but not been studied yet.

The aims of this research to identify macrofungi, and analyze the diversity and abundance of macrofungi that found in research location. The observation and data collection was carried out by line transect on the track with range 1 m on each side, start from 1900 m asl to 3100 m. The identification process was carried out to the genera level by macroscopic characteristic of the macro fungi.

The result of this research show that there were 28 genera of macrofungi on the Cemoro Sewu Track of Lawu Mountain. The level of diversity of macrofungi on the Cemoro Sewu Track of Lawu Mountain was low to moderate diversity level range and the diversity index ranged between 0,8 to 1,6. While the abundance value of macrofungi varied at each altitude with an abundance value ranged 0,0098-0,7586 individuals/m² and dominated by *Hygrocybe*.

Keyword : Diversity, Abundance, Macrofungi, Cemoro Sewu Track of Lawu Mountain

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