

ABSTRACT

DISTRIBUTION OF POPULATION AND ABUNDANCE OF LONG-TAILED MACAQUE (*Macaca fascicularis*) IN SIBOLANGIT NATURE RESERVES

By

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Long-tailed macaque (*Macaca fascicularis*) can be found in Sibolangit Nature Reserves North Sumatera. This research was conducted to determine long-tailed macaque group distribution as well as the abundance of population using *concentration count*. The habitat of long-tailed macaque was also observed using *rapid assessment* in 7 location. A Two group of long-tailed macaque was found. The first group was found in the southern part of the nature reserve comprising a group size of 18-25 individuals. The second group was found in the northern part of the nature reserve comprising a group size of 15-20 individuals. The group distribution was affected by the location of water, food resources, human and other animals. Food plant species consist of rambung merah (*Ficus sumatrana*), terap (*Artocarpus elasticus*), kayu ageng (*Antidesma montanum*), nanglit (*Nauclea cyrtopoda*), lateng gajah (*Laporta sinuata*), beringin (*Ficus benjamina*), jelatang

(*Toxicodendron radicans*), aren (*Arenga pinnata*), rima (*Caryota sp*), senduduk (*Melastoma affine*).

Key word: distribution of population and abundance, long-tailed macaque,
Sibolangit Nature Reserve

ABSTRAK

PENYEBARAN DAN KELIMPAHAN POPULASI MONYET EKOR PANJANG (*Macaca fascicularis*) DI CAGAR ALAM SIBOLANGIT

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Monyet ekor panjang (*Macaca fascicularis*) dapat ditemukan di Cagar Alam Sibolangit Sumatera Utara. Penelitian dilakukan pada bulan Mei 2015, untuk mengetahui penyebaran kelompok dan kelimpahan populasi dengan metode area terkonsentrasi dan kondisi habitat dengan metode *rapid assessment* di tujuh lokasi pengamatan. Ditemukan 2 kelompok monyet ekor panjang, kelompok I terdapat pada bagian selatan cagar alam dengan ukuran kelompok 18-25 individu.

Kelompok II ditemukan pada bagian utara cagar alam dan Taman Wisata Alam Sibolangit dengan ukuran kelompok sebesar 15-20 individu. Persebaran kelompok dipengaruhi oleh keberadaan sumber air, sumber pakan, manusia dan satwa lain.

Pohon pakan monyet ekor panjang antara lain rambung merah (*Ficus sumatrana*), terap (*Artocarpus elasticus*), kayu ageng (*Antidesma montanum*), nanglit (*Nauclea cyrtopoda*), lateng gajah (*Laporta sinuata*), beringin (*Ficus benjamina*), jelatang

(*Toxicodendron radicans*), aren (*Arenga pinnata*), riman (*Caryota sp*), senduduk (*Melastoma affine*).

Kata kunci: Cagar Alam Sibolangit, monyet ekor panjang, penyebaran dan kelimpahan populasi