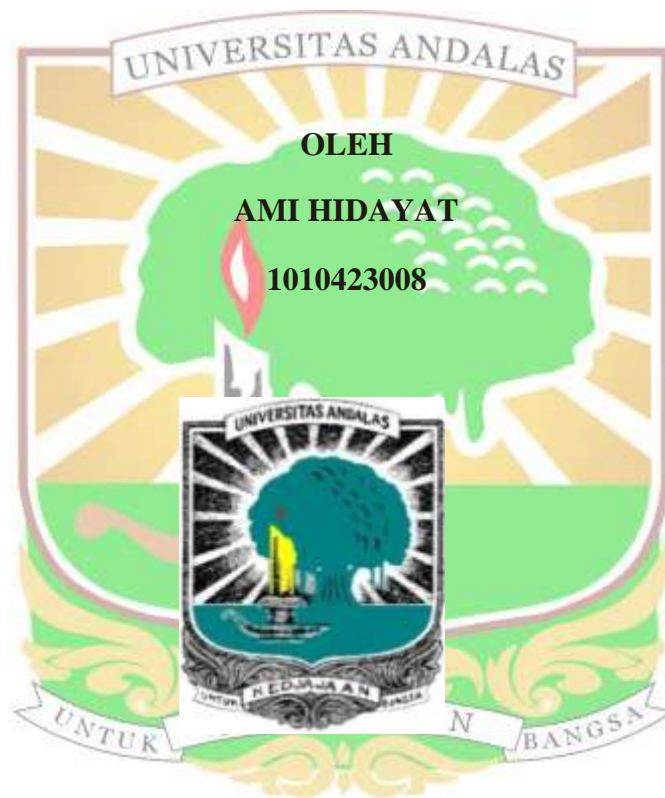


**JARINGAN SOSIAL (*Social Network*) ANTAR JANTAN MONYET EKOR  
PANJANG (*Macaca fascicularis*) DI GUNUNG MERU, PADANG**

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**PADANG, 2017**

## ABSTRAK

Penelitian tentang jaringan sosial (*social network*) antar jantan monyet ekor panjang (*Macaca fascicularis*) di Gunung Meru, Padang telah dilakukan dari bulan Agustus sampai Oktober 2015. Dominansi hirarki ditentukan melalui interaksi *submissive* sedangkan jaringan sosial dibangun berdasarkan interaksi *grooming* antar 17 individu jantan dewasa. Interaksi *submissive* dicatat dengan menggunakan metode *ad libitum* dan interaksi *grooming* dicatat menggunakan *continuous recording method*. Hasil penelitian memperlihatkan bahwa hubungan dominan antar jantan adalah linear (Matman linearity test:  $h' = 0,97$ ). *Alfa male* memiliki indeks sentralitas tertinggi. Penelitian ini mengindikasikan bahwa individu dengan dominan hirarki yang lebih tinggi cenderung memiliki tingkat sentralitas yang lebih tinggi pula.



## ABSTRACT

A study on the social network (*social network*) among males of long-tailed macaque (*Macaca fascicularis*) at Gunung Meru, Padang has been conducted from August to October 2015. The dominance hierarchy determined by submissive interactions while the social network built by grooming interactions among 17 adult males. Submissive interactions recorded by using *ad libitum* method and grooming interactions recorded by continuous recording method. The results showed that the dominance relationships among males were linear (Matman linearity test:  $h' = 0.97$ ). alfa male appeared to have the highest centrality index. This study indicates that higher individual dominance hierarchy tend to have higher degree of centrality.

