

**KEANEKARAGAMAN MAMALIA DI CAGAR ALAM RIMBO PANTI,  
KABUPATEN PASAMAN, SUMATERA BARAT**

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## ABSTRAK

Penelitian ini dilaksanakan dari bulan Desember 2015 sampai Maret 2016 di Cagar Alam Rimbo Panti yang bertujuan untuk mengetahui keanekaragaman mamalia Di Rimbo Panti dan masing-masing tipe habitatnya. Sebelas pasang perangkat kamera dipasang berpasangan secara purposive, dibagi menjadi enam pasang di habitat perbukitan (574-871 mdpl) dan lima pasang di habitat rawa (216-216 mdpl) dan setiap grid 1x1 km dipasang sepasang perangkat kamera. Didapatkan jumlah foto per perangkat kamera adalah 92,5 foto yang terdiri dari 17 spesies (satu spesies tak teridentifikasi), 11 famili, dan 6 ordo. 54,5 foto (11 spesies) didapatkan di habitat perbukitan dan 38 foto (10 spesies) didapatkan di habitat rawa. Indeks Keanekaragaman Shannon-Wiener di Rimbo Panti didapatkan 2,833, sedangkan di kedua tipe habitatnya, habitat perbukitan ( $H' = 1,475$ ) lebih rendah dibandingkan habitat rawa ( $H' = 2,063$ )



## ABSTRACT

The research was conducted from December 2015 until March 2016 in The Rimbo Panti Nature Reserve which aimed to determine the diversity of mammals in Rimbo Panti and each type of habitat. Eleven pairs of camera traps installed in pairs, divided six pairs in the hill habitat (574-871 masl) and five pairs in the swamp habitat (216-216 masl) purposively and every 1x1 km grid installed a pair of camera traps. Found the number of photos per camera trap was 92.5 photos which consist of 17 species (one species unidentified), 11 families, and 6 orders. 54.5 photos (11 species) was found in the hill habitat and 38 photos (10 species) was found in the swamp habitat. Shannon-Wiener Diversity Index in Rimbo Panti was 2.833, while in the both type of habitat, hill habitat ( $H' = 1.475$ ) lower than compared swamp habitat ( $H' = 2.063$ ).

