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A SURVEY ON SMALL MAMMALS IN THE ROYAL BELUM PARK, PERAK, MALAYSIA

Nur Aida Md Tamrin, Mohd Ridwan A. Rahman, Mohd Hanif Ridzuan Mat Daud,
Noorhaliza Hassan and M.T. Abdullah

Faculty of Resource Science and Technology, Universiti Malaysia Sarawak
94300 Kota Samarahan, Sarawak

better_tortoise@yahoo.com

ABSTRACT

A survey on small mammals was conducted at Sungai Kejar, Royal Belum Park, Perak on the 18th until 24th of August 2008. Throughout the sampling period, 10 mist nets, four Harp traps and 150 cage traps were deployed. The preliminary small mammal species list is presented for Sungai Kejar, Royal Belum Park, Perak using the information gained during the six days of sampling. A total of 24 individuals representing 13 species from 10 genera and five families of small mammals were recorded. Ground-level trapping using 150 cage traps yielded five species of small mammals in the Order Rodentia with the trapping effort of 900 trap-days. The Polynesian Rat (*Rattus exulans*) was the most commonly trapped terrestrial small mammal. Eight species of bats from the Order Chiroptera were trapped with the accumulated effort of 84 trap-days. The most common species of bats captured was the Short-nosed Fruit Bat (*Cynopterus brachyotis*). The less common small mammal species captured in Sungai Kejar, Royal Belum Park were *Kerivoula intermedia*, *Hipposiderous diadema*, *Hipposiderous cineraceus*, *Kerivoula papillosa*, *Rhinolophus trifoliatus*, *Balionycteris maculata*, *Chironax melanocephala*, and *Sundamys muelleri* with only one individual per species.

Keywords: biodiversity, Royal Belum Park, Chiroptera, Rodentia

ABSTRAK

Kajian mamalia kecil telah dijalankan di Sungai Kejar, Taman DiRaja Belum, Perak mulai 18 hingga 24 Ogos 2008. Sebanyak 10 jaring kabut, empat perangkap Harpa dan 150 perangkap sangkar telah digunakan. Senarai awal spesies mamalia kecil direkodkan sepanjang enam hari kajian. Sebanyak 24 individu merangkumi 13 spesies daripada 10 genus telah direkodkan sepanjang kajian ini. Lima spesies mamalia kecil dalam Order Rodentia telah ditangkap menggunakan 150 perangkap sangkar dengan jumlah usaha 900 perangkap-hari. *Rattus exulans* merupakan spesies mamalia kecil tidak terbang yang paling kerap ditangkap. Lapan spesies kelawar daripada Order Chiroptera telah ditangkap dengan jumlah usaha 84 perangkap-hari. Spesies kelawar yang paling kerap ditangkap ialah *Cynopterus brachyotis* manakala mamalia kecil yang paling kurang ditangkap di Taman DiRaja