

## Mammals recorded during a one-day visit to Bako National Park, Sarawak, Borneo

MOHD RIDWAN Abd Rahman & Roberta Chaya Tawie TINGGA  
[armridwan@unimas.my](mailto:armridwan@unimas.my) (Mohd Ridwan), [trctawie@unimas.my](mailto:trctawie@unimas.my) (Tingga)

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**Observers:** Mohd Ridwan Abd Rahman, Roberta Chaya Tawie Tingga.

**Photographs by:** Mohd Ridwan Abd Rahman.

**Subjects identified by:** Mohd Ridwan Abd Rahman, Roberta Chaya Tawie Tingga.

**Location:** Headquarters of Bako National Park, Sarawak, Malaysian Borneo.

**Elevation:** Near sea level.

**Habitats:** Beach forest, mangrove forest.

**Date and time:** 18 March 2017, 10:00 to 14:00 hrs.

**Identity of subjects and descriptions of records:**

- 1) Long-tailed Macaque, *Macaca fascicularis* (Mammalia: Primates: Cercopithecidae),  
Group of up to 10 individuals seen at the park HQ, some attempting to snatch visitor's food (Fig. 1).
- 2) Proboscis Monkey, *Nasalis larvatus* (Mammalia: Primates: Cercopithecidae)  
Two individuals sighted on a Ketapang tree (*Terminalia cattapa*) (Fig. 2).
- 3) *Callosciurus* sp. (Mammalia: Rodentia: Sciuridae),  
One seen at the forest edge near the camping site (Fig. 3).
- 4) Bearded Pig, *Sus barbatus* (Mammalia: Artiodactyla: Suidae),  
A single male was observed foraging at the park HQ (Fig. 4).



Fig. 1



Fig. 2



Fig. 3



Fig. 4

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**Remarks:** A total of four species of mammal comprising two primates, one rodent and one artiodactyl were recorded around Bako National Park headquarters (HQ). These mammals have previously been documented within the park as follows: *Nasalis larvatus* (Kombi & Abdullah, 2016; Zahidin et al., 2016), *Macaca fascicularis* and *Callosciurus sp.* (Laman et al., 2007; Zahidin et al., 2016) and *Sus barbatus* (Zahidin et al., 2016).

In 2016, the total population of *Nasalis larvatus* in Bako National Park was estimated at 306 individuals (Kombi and Abdullah, 2016). It is listed as endangered by IUCN due to habitat destruction (Meijaard et al., 2007). The species is endemic to Borneo.

The squirrel is identified as *Callosciurus sp.* based on its size and the shape of its tail. Identification to species level is not possible as the main identifying characters (the lateral stripes) are not visible in the photograph. The species is likely to be Plantain Squirrel *Callosciurus notatus*, however: previous researchers recorded this species as common in the park (Laman et al., 2005; Zahidin et al., 2016).

*Sus barbatus* is the largest mammal found in Bako National Park, and is sometimes observed digging for food near the park HQ. It is listed as vulnerable by IUCN due to overhunting and deforestation (Kawanishi et al., 2008).

Bako National Park is the first and smallest national park in Sarawak (Hazebroek & Abang, 2000). The area has diverse habitat, with seven vegetation types recognised including mangrove forest, Kerangas forest, grassland, riverine forest, mixed dipterocarp forest, beach forest and cliff vegetation (Hazebroek & Abang, 2000). The park is inhabited by 46 species of mammal from five orders namely Chiroptera (35 species; Naharuddin et al., 2015), Primates (4 species), Dermoptera (1 species), Rodentia (5 species) and Artiodactyla (1 species) (Zahidin et al., 2016).

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