

DAILY ACTIVITY BUDGET OF PROBOSCIS MONKEY  
(*Nasalis larvatus*) IN CAPTIVITY: WITH A FOCUS  
ON AGONISTIC BEHAVIOUR

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## ABSTRACT

### **DAILY ACTIVITY BUDGET OF PROBOSCIS MONKEY (*Nasalis larvatus*) IN CAPTIVITY: WITH A FOCUS ON AGONISTIC BEHAVIOUR**

The behaviour of the proboscis monkey was studied for a period of three weeks with total of 106.875 hours of observations. The study was conducted to determine the behaviour of the proboscis monkey in captivity and to observe the agonistic behaviour of the monkeys in zoo. The data collection was conducted using non-focal sampling and all-occurrence sampling (Altmann, 1974). Two major behaviours of the proboscis monkeys are feeding (OMU: 28.8%, AMU: 26.5%) and resting (OMU:32%, AMU: 33%). The recorded agonistic behaviours made up 5 to 10% of total activity budget and higher than the wild population, which is less than 1%. Visitor presence was found significantly affect the behaviour of the proboscis monkey in captive

# CHAPTER 1

## INTRODUCTION

### 1.1 Background of Study

Lok Kawi Wildlife Park is the home for more than 100 of captive animal species. The area covered by the Lok Kawi Wildlife Park is about 280 acres of reserve forest. This Wildlife Park is fully developed under the management of Sabah Wildlife Department. This park was officially opened on 17th February 2007 and declared as the first zoo in Sabah. Lok Kawi Wildlife Park consists of zoological and botanical parts. Besides being the first zoo, Lok Kawi Wildlife Park is also one of the largest wildlife park in Malaysia and one of the wildlife park that have proboscis monkey in the captivity environment.

*Nasalis larvatus* or commonly known as proboscis monkey is endemic to the islands of Borneo. They are old world monkey which belong to subfamily of Colobinae. Their social structures are flexible which can either be the basic unit of one male unit with few females or all males unit (Mulder, 2012).