

ABSTRACT

A STUDY ON BEHAVIOR AND ANALYSIS OF DROP IN FEED NUTRITION CONTENT FOR SIAMANG (*Hylobates syndactylus*) IN BUMI KEDATON ZOO AND TOURISM PARK

By

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*Bumi Kedaton Zoo and Tourism Park is an effort of natural conservation to save animals threatened of extinction, and one of those animals is siamang (*Hylobates syndactylus*). The objective of this research was to find out behavior and drop in feed nutrition content for siamang by using focal animal sampling method and proximate analysis. Observations were conducted before the cages and in the kitchen where the feed weighting was conducted, so that it would not disturb the animal activities. The result showed that siamang daily behavior in the cage was dominated by locomotion activities; 43.5% and 41.18% for males and females respectively. There were 7 types of feed administered to siamang and muli banana had the highest nutrition content amongst these 7 types of feeds. The nutrition necessity fulfillment for siamang in the cage was not sufficient.*

Keywords : Siamang, daily behavior, drop in feed, Bumi Kedaton Zoo and Tourism Park