

ABSTRACT

DAILY BEHAVIOR STUDY OF ORANGUTAN (*Pongo pygmaeus*) IN TAMAN AGRO SATWA DAN WISATA BUMI KEDATON BANDAR LAMPUNG

BY

Indra Kurniawan, Agus Setiawan, and Bainah Sari Dewi

The status of orangutan (*Pongo pygmaeus*) according to IUCN Red List version 2008 (IUCN, 2015) was endangered, therefore conservation efforts need to be done. Daily behavior study became important as a database and effort controlling of Taman Agro Satwa dan Wisata Bumi Kedaton management. The purpose of this research was to determine the daily behavior of orangutan and the long time on each type of orangutan behaviors that placed in an artificial habitat. This research was conducted on March 2015 in TASWBK. The observation was using *focal animal sampling* method, which started in the morning from 07.00 am - 17.00 pm for 18 days. The result showed that daily behavior of orangutans consists of moving, resting, feeding, social, play itself, and other behaviors (*grooming, defecation and urination*). Total long time of orangutan daily behavior was 180 hours (10.800 minutes). Highest behavior shown were resting behavior 60.41% (6.524 minutes of from orangutan daily behavior total time); feeding behavior 17.35% (1.874 minutes); moving behavior 10,56% (1.140,5 minutes); social behavior 5,27% (569 minutes); behavior of play itself 4,65% (502 minutes); and other behaviors 1,76% (190,5 minutes).

Keywords: orangutan, daily behavior, *focal animal sampling*