

ABSTRACT

Monik Pebriyanti. 24020118120006. Daily Behavior of Spotted Deer (*Axis axis*) on *Weekday* and *Weekend* at the Conservation Institute of PT. Taman Satwa Semarang. Supervised by Agung Janika Sitaswi and Kasiyati.

Study on the number of visitors has the potential to influence the daily activities of spotted deer. Observations on the frequency of visitor arrivals have the potential to influence the daily activities of spotted deer. Visitor activities cause spotted deer to move around a lot because spotted deer are sensitive animals. The aim of this study was analyze the daily activity patterns of spotted deer on weekdays and weekends at the PT. Taman Satwa Semarang included moving behavior, feeding activities, resting activities, social activities, elimination activities, drinking activities, aggressive activities, grooming activities, and rumination activities. This study was conducted for 30 days with spotted deer as an object. The method used was scan animal sampling where spotted deer were observed for 2 hours with 10 minute intervals. Data analysis was carried out using the t-test at a significance level of 5%. The results showed that visitor activity on weekdays and weekends had a significant effect ($P < 0.05$) on the frequency of aggressive behavior, grooming behavior and eating behavior, as well as the duration of aggressive behavior, grooming behavior and elimination behavior. The conclusion of this study was the arrival of visitors on weekdays and weekends influences the duration of aggressive, eliminative and grooming behavior, while the frequency of occurrence of the most common behaviors is aggressive, eating and grooming behavior.

Kata Kunci: *aggressive behavior* , *grooming* , *scan animal sampling* , *spotted deer*.