

ABSTRACT

Lili Febriani. 24020121120042. Daily Behavioral Patterns of Timor Deer Fawns (*Rusa timorensis*) at CV. Bahtera Satwa Breeding Center, Margorejo Village, Dawe District, Kudus Regency. Supervisor by Kasiyati and Sri Isdadiyanto.

The phenomenon of declining Timor deer populations led the Indonesian government to designate the Timor deer as a protected species. Captive breeding became a conservation effort for Timor deer. Daily behavior served as a benchmark for the success of captive breeding, providing an indication of the animals' stress levels, particularly Timor deer fawns. This study aimed to analyze the daily behavior of Timor deer fawns, including locomotion, feeding, resting, social, vigilance, eliminative, and grooming behaviors in the morning, afternoon, and evening at the CV. Bahtera Satwa Breeding Center in Margorejo Village, Dawe District, Kudus Regency. This research was conducted for 14 days using the scan sampling method and lasted for 12 hours with a 10-minute time interval. The results showed a significant difference ($p < 0.05$) in locomotion, feeding, resting, social, and eliminative behaviors between morning, noon, and afternoon. The conclusion of this study was that the Timor deer fawns' daily behavioral pattern consistently showed social and resting behaviors in the mornings and afternoons. The social behaviors exhibited by the fawns served as an effort to interact and explore their environment, while the resting behaviors were utilized to avoid heat and restore energy after morning activities.

Keyword: *grooming behavior, sosial behavior, scan sampling*