

# Interaksi Individu Jantan dan Betina serta Kesejahteraan Lutung Jawa (*Trachypithecus auratus* Geoffroy, 1812) di Taman Margasatwa Ragunan = Male-Female Interaction and Welfare of Javan Langur (*Trachypithecus auratus* Groffroy, 1812) at Taman Margasatwa Ragunan

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## Abstrak

Telah dilakukan penelitian terhadap empat individu lutung jawa (*Trachypithecus auratus*) jantan dan betina di Pusat Primata Schmutzer, Taman Margasatwa Ragunan. Penelitian ini dilakukan untuk mengamati interaksi individu jantan dan betina lutung jawa serta menganalisis kondisi pengelolaannya berdasarkan indikator kesejahteraan satwa di Taman Margasatwa Ragunan. Interaksi yang diamati adalah interaksi dari lima pasangan, yaitu P1 (jantan 1 dan betina 1), P2 (jantan 2 dan betina 2), P3 (jantan 1 dan betina 2), P4 (jantan 2 dan betina 1), serta P5 (jantan 1 dan jantan 2). Pengamatan interaksi dilakukan dengan metode *scan sampling* dan *ad libitum* dalam interval waktu 5 menit tanpa jeda. Kondisi kesejahteraan dilihat berdasarkan pengamatan langsung dan wawancara. Berdasarkan hasil pengamatan frekuensi interaksi perilaku afiliatif dan seksual paling besar terjadi pada pasangan jantan 1 dan betina 1, sedangkan interaksi perilaku agonistik paling sering terjadi antara jantan 1 dan jantan 2. Kesejahteraan lutung jawa di Pusat Primata Schmutzer, Taman Margasatwa Ragunan termasuk sangat baik, namun ada beberapa hal yang perlu diperhatikan seperti luas kandang peragaan dan konsistensi jenis serta berat pakan sesuai untuk menghindari konflik antara individu. Jumlah pengunjung tidak memiliki korelasi signifikan dengan sebagian besar perilaku lutung jawa. Berdasarkan hasil Uji Korelasi Jenjang Spearman, jumlah pengunjung hanya berkorelasi signifikan terhadap perilaku *sitting close* dan *allogrooming* (sig. < 0,05).

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Research has been carried out on four Javan langurs (*Trachypithecus auratus*) at the Pusat Primata Schmutzer, Taman Margasatwa Ragunan. This study was conducted to observe the interaction of individual male and female javan langurs and analyze the management conditions based on animal welfare indicators in the Taman Margasatwa Ragunan. The interactions observed were the interactions of five pairs, namely P1 (male 1 and female 1), P2 (male 2 and female 2), P3 (male 1 and female 2), P4 (male 2 and female 1), and P5 (male 1 and male 2). Interaction observations were carried out using scan sampling and ad libitum methods at 5 minute intervals without pause. Welfare conditions are seen based on direct observations and interviews. Based on the observation, highest frequency of the interaction of affiliative and sexual behavior occurred in the male 1 and female 1 pair, while the agonistic behavior interaction occurred most frequently between male 1 and male 2. The welfare of the Javan langur at the Pusat Primata Schmutzer, Taman Margasatwa Ragunan is very good, but there are several things that need to be considered such as the area of the display cage and the consistency of the type and weight of the feed to avoid conflict between individuals. The number of visitors doesn't have significant correlation with most behaviors of javan langurs. According to the result of Spearman Rank Correlation test, number of visitors was significantly correlated only with sitting close and allogrooming behavior (sig. < 0,05).