

Perilaku Harian Lutung Kelabu (*Presbytis fredericae*) di Hutan Lindung Petungkriyono, Kabupaten Pekalongan, Jawa Tengah

INTISARI

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Lutung kelabu (*Presbytis fredericae*) merupakan primata endemik pulau Jawa yang saat ini keberadaan terancam karena kerusakan hutan yang menjadi habitatnya. Penelitian mengenai perilaku harian lutung kelabu (*Presbytis fredericae*) di hutan lindung Petungkriyono, Kabupaten Pekalongan, Jawa Tengah bertujuan untuk mengetahui perilaku harian lutung kelabu dan mengetahui perbedaan perilaku harian antara jantan dewasa, betina dewasa, dan remaja.

Penelitian ini dilakukan kurang lebih 6 minggu pada bulan Maret hingga April 2012 dengan menggunakan metode *focal animal sampling* untuk data perilaku harian. Hasil pengamatan perilaku harian disajikan dalam durasi, frekuensi, dan proporsi. Durasi perilaku harian dijelaskan secara deskriptif. Sedangkan perbedaan perilaku harian antara jantan dewasa, betina dewasa, dan remaja didapatkan berdasarkan frekuensi yang diujikan dengan uji similaritas Bray-Curtis dan proporsi.

Perilaku harian lutung kelabu meliputi perilaku makan, bergerak, istirahat, menelisik, bermain, dan agonistik. Hasil analisis menunjukkan bahwa durasi perilaku makan paling panjang terjadi pada pagi dan sore hari (29 – 56%), perilaku bergerak dilakukan pada pagi hari (32 – 43%), dan perilaku istirahat yang durasinya paling panjang dilakukan pada siang hari (35 – 46%). Terdapat sedikit perbedaan perilaku harian antara jantan dewasa, betina dewasa, dan remaja berdasarkan perhitungan indeks similaritas Bray-Curtis (83 – 87%) untuk setiap dua kategori yang dibandingkan persentase frekuensinya. Perbedaan hanya terdapat pada perilaku sosial yang dilakukan oleh setiap kategori.

Kata Kunci: perilaku harian, lutung kelabu, *Presbytis fredericae*, *focal animal sampling*

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Daily Behavior of Javan Fuscous Langur (*Presbytis fredericae*) in Petungkriyono Protected Forest, Pekalongan, Central Java

ABSTRACT

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The javan fuscous langur (*Presbytis fredericae*, Sody 1930) is an endemic primate on the island of Java, which is currently threatened by habitat destruction. This aims of the research were to determine the daily behavior of the javan fuscous langur and the category differences in behavior among adult males, adult females, and sub-adults.

This research was carried out from March until April 2012 using focal animal sampling method for daily behavior data. The results were presented in duration, frequency, and proportion of daily behavior. Durations of daily behavior were explained descriptively. The differences of daily behavior obtained based on frequency were tested using Bray-Curtis similarity index and also proportion, but the differences of daily behavior obtained based on proportion did not use this index.

Daily behavior of the javan fuscous langur consisted of feeding, moving, resting, grooming, playing and agonistic. The result showed the longest duration of feeding behavior occurs in the morning and evening (29 - 56%), moving behavior in the morning (32 - 43%), and the longest duration of resting is at noon (35 - 46%). There are only a few differences of daily behavior among adult males, adult females and sub-adults based on the Bray-Curtis similarity index (83 - 87%) for each two categories being compared based percentage of frequency. Differences were only found in social behavior among adults males, adult females, and sub-adults.

Key Words: daily behavior, javan fuscous langur, *Presbytis fredericae*, focal animal sampling

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