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PERILAKU LUTUNG KELABU (*Presbytis fredericae*) DALAM MEMANFAATKAN STRATA TAJUK
POHON DI KAWASAN
CURUG CIPENDOK, KPH BANYUMAS TIMUR
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The Behaviors Javan Fuscous Leaf Monkey (*Presbytis fredericae*) on Utilizations of Trees Crown Level, In Curug Cipendog Area, KPH of East Banyumas

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Abstract

Javan Fuscous Leaf or Grey Monkey in Indonesian (*Presbytis fredericae*) is one of the member of *colobinae* sub family and it can only be found on Central Java (endemic species), Currently, along with the pressure to their natural habitat, the information of their existence has not been widely know (lack of research data) in relation with population, habitat, behaviors, and sosio-ecology of such monkey. The research took place in forest tourism area of Curug Cipendog KPH of East Banyumas, and was trying to find out more about this endemic primate in relation with their daily behaviors. This research is aim to find out the daily activities of grey monkey and to get information about the utilization of trees strata for their daily activities.

The method used in this research was *instantaneous sampling*. Firstly the animal that want to observe was chosen, which the grey monkey, secondly, was observations towards all behaviors of Grey Monkey, and also the utilization of tress crown level. It took 3 months (March-April-May) 10 days for each month, to do this research.

The result from the observation showed that Grey Monkey had different behaviors for their daily "n activity". The interactions of both behaviors and tree's crown level were showing significant differences and the trees crown level was not showing any differences (not significant). Feeding activity was showing the tendency for upper crown level (56%), motions was tend to middle crown level (63%), rest activity was tend to the lower crown level (44%) and agonistic was generally happened at the lower crown level (45%). From the whole activities that had been observed, they utilization of trees crown level were 34% for upper crown, 43% for middle crown, and 24% for lower crown. And the food resource of *Rekrekan* (local name of Javan fuscous leaf monkey) ate leaves, fruits, and tree barks. Some of trees ate by Grey Monkey were Antap (*Sterculia sp*), Wuni (*Antidesma bunius*), Benda (*Artocarpus elastica*), Wurupayung (*Litsea mapacea*), Wurukunyit (*Actinodaphne macrophylla*), Kemiren (*Thespesia lampas*)

Key word: grey monkey, behaviors, trees crown level

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