

DAILY ACTIVITY OF DOMESTIC CATS (*Felis catus*) AROUND IPB UNIVERSITY CANTEEN AND FEMALE DORMITORY

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ABSTRACT

NATASYA ADLIA PUTRI UTAMI. Daily Activity of Domestic Cats (*Felis catus*) Around IPB University Canteen and Female Dormitory. Supervised by KANTHI ARUM WIDAYATI and YAMATO TSUJI.

Human activity may influence the behavior of free-roaming domestic cats (*Felis catus*). This study analyzed the daily behavior of free-roaming domestic cats, the relationship between visitor numbers and cat behavior, and human–cat interactions in the canteen and female dormitory areas of IPB University during the active semester and semester break. Eleven cats were observed using scan sampling and ad libitum sampling. Data were analyzed using the Wilcoxon test and Pearson correlation analysis. Negative behavior, self-care behavior, and human–cat interactions differed significantly between the two observation periods ($p < 0.05$), whereas affiliative behavior did not ($p > 0.05$). Visitor numbers were positively correlated with negative behavior and human–cat interactions but negatively correlated with self-care behavior. These findings demonstrate that human activity influences the daily behavior and interaction patterns of free-roaming domestic cats on campus.

Keywords: daily activity, domestic cats, human activity, human–cat interaction, IPB University.



ABSTRAK

NATASYA ADLIA PUTRI UTAMI. *Aktivitas Harian Kucing Domestik (Felis catus) di Sekitar Kantin dan Asrama Putri IPB University*. Dibimbing oleh KANTHI ARUM WIDAYATI dan YAMATO TSUJI.

Aktivitas manusia di lingkungan kampus dapat memengaruhi perilaku kucing domestik liar (*Felis catus*). Penelitian ini bertujuan menganalisis aktivitas harian kucing domestik liar, hubungan antara jumlah pengunjung dan perilaku kucing, serta interaksi manusia–kucing di lingkungan kantin dan asrama putri IPB University selama semester aktif dan libur semester. Sebanyak 11 individu kucing diamati menggunakan metode *scan sampling* dan *ad libitum sampling*. Data dianalisis menggunakan uji Wilcoxon dan uji korelasi Pearson. Hasil penelitian menunjukkan bahwa perilaku negatif, *self-care*, dan interaksi manusia–kucing berbeda nyata antara semester aktif dan semester libur ($p < 0,05$), sedangkan perilaku afiliatif tidak berbeda nyata ($p > 0,05$). Jumlah pengunjung berkorelasi positif dengan perilaku negatif dan interaksi manusia–kucing, tetapi berkorelasi negatif dengan perilaku *self-care*. Hasil penelitian menunjukkan bahwa aktivitas manusia berperan penting dalam memengaruhi aktivitas harian dan pola interaksi kucing domestik liar di lingkungan kampus.

Kata kunci: aktivitas harian, aktivitas manusia, interaksi manusia–kucing, IPB University, kucing domestik liar.



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DAILY ACTIVITY OF DOMESTIC CATS (*Felis catus*) AROUND IPB UNIVERSITY CANTEEN AND FEMALE DORMITORY

NATASYA ADLIA PUTRI UTAMI

An Undergraduate Thesis
Intended to Acquire a Bachelor's Degree
in the Biology Program Study

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The author hopes that this scientific paper will be beneficial to readers, contribute to the advancement of scientific knowledge, and serve as a useful reference for future studies.

Bogor, August 2026

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