

## Perilaku Harian dan Tingkat Kesejahteraan Kucing Bakau (*Prionailurus viverrinus* Bennett, 1833) di Gembira Loka Zoo, Yogyakarta = Daily Behavior and Welfare Level of Fishing Cat (*Prionailurus viverrinus* Bennett, 1833) at Gembira Loka Zoo, Yogyakarta

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### Abstrak

Kucing bakau (*Prionailurus viverrinus* Bennett, 1833) merupakan satwa endemik dari Famili Felidae yang dilindungi oleh negara. Adanya perubahan fungsi lahan, perburuan liar, dan konflik dengan masyarakat menyebabkan penurunan jumlah kucing bakau yang memiliki status konservasi dalam kategori vulnerable. Gembira Loka Zoo merupakan salah satu lembaga konservasi ex situ yang melakukan pemeliharaan terhadap kucing bakau. Telah dilakukan penelitian mengenai perilaku harian dan tingkat kesejahteraan kucing bakau di Gembira Loka Zoo, Yogyakarta. Penelitian bertujuan untuk menganalisis perilaku harian kucing bakau, baik dari perilaku umum maupun perilaku stereotip di dalam kandang peraga. Tingkat kesejahteraan kucing bakau juga dianalisis dengan mengidentifikasi faktor-faktor yang memengaruhi prinsip lima kebebasan (Five Freedoms). Pengamatan kedua ekor kucing bakau dilakukan selama 180 jam atau 10.800 menit secara bergantian, dengan metode focal animal sampling dan ad libitum sampling. Hasil penelitian yang didapat adalah persentase perilaku kucing bakau dari yang tertinggi, yaitu perilaku inactive (68,77%), locomotion (13,82%), maintenance (8,81%), exploratory (5,29%), calm (2,10%), feeding (0,88%), out of sight (0,21%), dan vocalization (0,12%). Penilaian terhadap kesejahteraan kucing bakau mendapatkan skor sebesar 79,04 dari 100. Kesimpulan dari penelitian ini adalah perilaku harian kucing bakau di Gembira Loka Zoo didominasi oleh kegiatan resting dan tidak teramati adanya perilaku stereotip. Tingkat kesejahteraan kucing bakau termasuk dalam klasifikasi baik karena adanya penerapan dan pelaksanaan prinsip Five Freedoms of Animal Welfare dengan baik.

.....Fishing cat (*Prionailurus viverrinus* Bennett, 1833) is an endemic species from the Family Felidae that is protected by the state. Land use changes, illegal hunting, and human-wildlife conflict have led to a decline in the population of fishing cat, which are classified as vulnerable in conservation status. Gembira Loka Zoo is one of the ex situ conservation institution that maintains fishing cats. Research has been conducted on the daily behavior and welfare level of fishing cats at Gembira Loka Zoo, Yogyakarta. The study aimed to analyze the daily behavior of fishing cats, including both general and stereotypic behaviors within the exhibit enclosure. The welfare level of fishing cats was also assessed by identifying factors influencing the Five Freedoms principle. Observations of the two fishing cats were carried out alternately for a total of 180 hours, or 10,800 minutes, using focal animal sampling and ad libitum sampling methods. The research findings indicate the percentage of fishing cat behaviors as follows: highest inactive behavior (68.77%), locomotion (13.82%), maintenance (8.81%), exploratory (5.29%), calm (2.10%), feeding (0.88%), out of sight (0.21%), and vocalization (0.12%). The assessment of the fishing cats welfare scored 79.04 out of 100. The conclusion from this research is that the daily behavior of fishing cats is dominated by resting activities, and no stereotypic behaviors were observed. The welfare level of fishing cats is classified as good due to the effective implementation and execution of the Five Freedoms of Animal Welfare principles.