

Perilaku Lumba-Lumba Hidung Botol Indo-Pasifik *Tursiops aduncus* (Ehrenberg, 1833) terhadap Kehadiran Manusia di Kolam Program Swimming with Dolphin Taman Safari Indonesia Bogor, Jawa Barat = Behavior of Indo-Pacific Bottlenose Dolphins *Tursiops aduncus* (Ehrenberg, 1833) towards Human Presence in Program Swimming with Dolphin Pool Taman Safari Indonesia Bogor, West Java

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Abstrak

Telah dilakukan penelitian mengenai perilaku lumba-lumba hidung botol Indo-Pasifik (*Tursiops aduncus*) terhadap kehadiran manusia di kolam program Swimming with Dolphin Taman Safari Indonesia Bogor, Jawa Barat. Kehadiran manusia dapat menjadi faktor utama yang memengaruhi perilaku lumba-lumba di kolam pemeliharaan ex-situ. Penelitian bertujuan untuk mengidentifikasi perilaku lumba-lumba terhadap kehadiran manusia dan menganalisis pengaruh kehadiran manusia di sekitar kolam terhadap frekuensi dan pola perilaku lumba-lumba. Penelitian dilakukan pada bulan Maret—April 2023 dengan total waktu 10.800 menit. Subjek penelitian yang diamati berjumlah empat individu lumba-lumba yang terdiri dari dua individu jantan dan dua individu betina. Metode yang digunakan adalah scan sampling dengan interval waktu 10 menit tanpa jeda dan ad libitum. Pencatatan meliputi perilaku harian lumba-lumba saat terdapat kehadiran manusia dan saat tidak terdapat kehadiran manusia di sekitar kolam. Kategori perilaku harian yang diamati pada penelitian ini meliputi traveling, feeding, resting, interaction (social & human), dan playing with object. Hasil penelitian menunjukkan adanya perbedaan pada pola dan frekuensi dari perilaku lumba-lumba saat terdapat kehadiran manusia dan saat tidak terdapat kehadiran manusia di sekitar kolam. Terdapat dua pola perilaku harian yang berbeda pada saat terdapat kehadiran dan tanpa kehadiran manusia. Berdasarkan uji Mann Whitney pada $\alpha = 0,05$ menunjukkan bahwa terdapat perbedaan yang signifikan pada frekuensi perilaku traveling, feeding, resting, social interaction, dan interaction with human dari keempat subjek lumba-lumba terhadap kehadiran dan tanpa kehadiran manusia. Respons perilaku subjek lumba-lumba terhadap kehadiran manusia dipengaruhi oleh usia, karakter, dan lama waktu proses adaptasi. Implementasi kesejahteraan hewan telah diterapkan dalam kegiatan pemeliharaan di kolam program Swimming with Dolphin.

.....Research has been conducted on the behavior of Indo-Pacific bottlenose dolphins (*Tursiops aduncus*) towards human presence in program Swimming with Dolphin pool Taman Safari Indonesia Bogor, West Java. Human presence can be a major factor influencing dolphin behavior in ex-situ rearing ponds. The study aimed to identify dolphin behavior towards human presence and analyze the influence of human presence around pool on frequency and patterns of dolphin behavior. The study was conducted in March—April 2023 with a total time of 10.800 minutes. The subjects of the study observed amounted to four dolphin individuals consisting of two male individuals and two female individuals. The method used is scan sampling with a time interval of 10 minutes without pause and ad libitum. Records include the daily behavior of dolphins when there is human presence and when there is no human presence around the pond. The categories of daily behavior observed in this study include traveling, feeding, resting, interaction (social & human), and playing with objects. The results showed differences in the pattern and frequency of dolphin

behavior when there was human presence and when there was no human presence around the pond. Based on the Mann Whitney test at $\alpha = 0.05$ showed that there were significant differences in the frequency of traveling, feeding, resting, social interaction, and interaction with human behavior of the four dolphin subjects to the presence and absence of humans. The behavioral response of the dolphin subject to human presence is influenced by the age, character and length of time of the adaptation process. The implementation of animal welfare has been implemented in maintenance activities in program Swimming with Dolphin pool