

PREFERENSI HABITAT BURUNG KUNTUL (*Egretta sp.*) DI DUSUN BERAN, DESA MARGODADI, KECAMATAN SEYEGAN, KABUPATEN SLEMAN, D. I. YOGYAKARTA

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INTISARI

Burung Kuntul (*Egretta sp.*) merupakan salah satu burung yang dilindungi oleh pemerintah RI melalui PP No. 7 Th. 1999 karena populasinya mengalami penurunan. Burung Kuntul memiliki kriteria tersendiri dalam memilih kawasan sebagai habitat. Dusun Beran merupakan salah satu daerah di Yogyakarta yang menjadi habitat burung kuntul. Untuk mempertahankan keberadaannya dan mencegahnya dari kepunahan maka, perlu dilakukan penelitian mengenai karakteristik habitat burung kuntul di Dusun Beran. Tujuan dari penelitian ini adalah untuk mendeskripsikan kondisi biotik dan fisik habitat burung Kuntul dan mengetahui preferensi habitat burung Kuntul yang ada di Dusun Beran dan sekitarnya.

Metode yang digunakan dalam penelitian ini adalah *protocol sampling* dan metode kombinasi. *Protocol sampling* digunakan untuk mengambil data fisik, sedangkan metode kombinasi digunakan untuk mengambil data biotik dan keberadaan burung kuntul. Data tersebut diambil dengan membuat jalur transek dan plot. Jarak antar jalur 250 m sedangkan jarak antar plot 200 m. Data biotik dan fisik dianalisis secara deskriptif kualitatif. Indeks *Neu* digunakan untuk menganalisis keberadaan preferensi habitat.

Hasil penelitian menunjukkan bahwa kondisi fisik habitat yang disukai oleh burung Kuntul adalah suhu rata-rata ($27,3^{\circ}\text{C}$), kelembaban rata-rata (95,43 %), JDSA rata-rata (58,43 m), kelerengan rata-rata (3,94 %), ketinggian air sawah rata-rata (1,29 cm), ketebalan lumpur sawah rata-rata (3 cm), jarak rata-rata kawasan dari pemukiman (118 m), tipe penggunaan lahan yang dominan berupa sawah, jumlah aktivitas dalam satu tipe penggunaan lahan 1 aktivitas. Kondisi biotik kawasan yang disukai oleh burung Kuntul adalah penutupan tajuk rata-rata (32,62 %), penutupan tumbuhan bawah rata-rata (64,29%), kerapatan semai (0 ind/Ha), kerapatan sapihan (0 ind/Ha), kerapatan tiang (1000 ind/Ha), kerapatan pohon (1.525 ind/Ha) dan jenis pakan yang tersedia yaitu belalang, ulat, cacing, dan katak kecil. Preferensi habitat burung Kuntul terdapat di Dusun Klakapan, Dusun Kandangan, dan Dusun Beran.

Kata Kunci: Preferensi Habitat, Burung Kuntul (*Egretta sp.*), Dusun Beran.

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HABITAT PREFERENCE OF KUNTUL (*Egretta* sp.) IN BERAN HAMLET, MARGODADI VILLAGE, SEYEGAN SUBDISTRICT, SLEMAN REGENCY, D. I. YOGYAKARTA

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ABSTRACT

Kuntul (*Egretta* sp.) is stated as one of the protected birds by the PP No.7 Th. 1999 due to their decreasing population. Kuntul (*Egretta* sp.) has special criteria in seeking for the sources as their habitat. It means that not all the sources which have suitable criteria are selected by the birds. Beran is an area located in the city of Yogyakarta which has been selected by Kuntul as their habitat. Therefore, to avoid the birds from the extinction risk, a research concerning the characteristics of Kuntul's habitat in that area is needed to conduct. The aim of this study were to describe the biotical and physical condition of Kuntul's habitat and to investigate the habitat preference in Beran.

The methods used for collecting data were protocol sampling to collect physical data and combination method to collect biotical data. The data was taken by making transect and plot. The distance between transects was 250 m while that between plots was 200 m. Biophysical data were analyzed by using descriptive-qualitative method. Meanwhile, *Neu* index was used to examine the areas which being habitat preference.

The research result showed that the physical condition of the area preferred by Kuntul as their habitat were: the average temperature (27.3⁰ C), the average humidity (95.43%), the average distance between area and water sources (58.43 m), the average slopes (3.94 %), the average of rice field water height (1.29 cm), the average of rice field - mud thickness (7 cm), the average distance between area and residence (118 m), the dominant type of land use was rice field, and the total of activity in one type of land use was 1 activity. Meanwhile, the biotical condition of the area preferred by Kuntul as their habitat were: the average crown cover (32.62 %), the average grass shrub cover (64.29%), the seedlings density (0 ind/Ha), the saplings density (0 ind/Ha), the poles density (1000 ind/Ha), the trees density (1525 ind/Ha), and types of available food were grasshoppers, caterpillars, worms, and small amphibians. Lastly, the habitat preference for Kuntul in this area were located at Klakapan hamlet, Kandangan hamlet, and Beran hamlet.

Keywords: Habitat Preference, Kuntul (*Egretta* sp.), Beran Hamlet.

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