

ABSTRAK

KERAGAMAN JENIS EKTOPARASIT KUTU PADA BURUNG MERPATI (*Columba livia*) DI DAERAH YOGYAKARTA

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Ektoparasit kutu sering menyerang burung merpati. Penelitian ini bertujuan untuk mengetahui jenis-jenis ektoparasit kutu yang sering menyerang burung merpati di Kabupaten Sleman, Kabupaten Bantul, dan Kota Yogyakarta.

Pengambilan sampel burung merpati dilakukan pada bulan Februari sampai bulan Mei 2019. Sampel diambil masing-masing 5 ekor setiap Kabupaten dan Kota secara acak. Sampel diambil ektoparasit kutu, kemudian dilakukan identifikasi dengan menggunakan mikroskop untuk diamati bentuk morfologinya. Sampel dihitung jumlah setiap jenis ektoparasitnya.

Hasil penelitian menunjukkan ektoparasit yang menyerang burung merpati yaitu *Colpocephalum turbinatum*, *Columbicola columbae*, *Campanulotes* sp., *Hohorstiella* sp., dan *Philopteridae*. Prevalensi ektoparasit *Menopon gallinae*, *Columbicola columbae*, *Campanulotes* sp., *Hohorstiella* sp., dan *Philopteridae* yang menyerang burung merpati masing-masing sebesar 100%, 100%, 80-100%, 20-60%, dan 40%. Intensitas ektoparasit *Colpocephalum turbinatum*, *Columbicola columbae*, *Campanulotes* sp., *Hohorstiella* sp., dan *Philopteridae* yang menyerang burung merpati masing-masing sebesar 87,4-206 per ekor; 21-23 per ekor; 6,2-18,6 per ekor; 0,2-1,2 per ekor; 0,4-1,6 per ekor.

Kata kunci: Ektoparasit, kutu, prevalensi, intensitas

ABSTRACT

LICE ECTOPARASITE DIVERSITY ON PIGEON (*Columba livia*) IN YOGYAKARTA AREA

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Lice are one of the ectoparasites that often infest pigeons. This study aims to determine the types of lice that often infest pigeons in Sleman Regency, Bantul Regency, and Yogyakarta City. Sampling of pigeons was carried out from February to May 2019.

Five pigeons were taken from each regency or cities randomly. The samples were then identified for their infested lice and its morphological shape using a microscope. The total number of lice-infested were also calculated.

The results showed that the lice-infested in pigeons were *Colpocephalum turbinatum*, *Columbicola columbae*, *Campanulotes* sp., *Hohorstiella* sp., and *Philopteridae*. Prevalence of ectoparasites *Colpocephalum turbinatum*, *Columbicola columbae*, *Campanulotes* sp., *Hohorstiella* sp., and *Philopteridae* that infest pigeons are 100%, 100%, 80-100%, 20-60%, and 40% respectively while their intensity of infesting pigeons are 87.4-206 per pigeon, 21-23 per pigeon; 6.2-18.6 per pigeon; 0.2-1.2 per pigeon; 0.4-1.6 per pigeon respectively.

Keywords: Ectoparasites, lice, prevalence, intensity