

DISTRIBUTION OF BIRD SPECIES IN DONG SON - KY THUONG NATURE RESERVE, QUANG NINH PROVINCE

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Summary

Dong Son - Ky Thuong Nature Reserve, covering an area of over 15,000 ha, is known to be one of the rich biodiversity areas in the Northeast due to its complex topography and vegetation. Detailed bird fauna surveys conducted from 7/2015 to 5/2017 identified 187 bird species, belonging to 43 families and 13 orders. One of the most important results of this survey was to identify the distribution of bird species in relation to forest status, canopy layer and elevation. Regarding the forest status, birds mainly distribute in natural woody forests and mixed wood-bamboo forests, accounting for 76.5% (147 species) and 57.2% (107 species), respectively. Regarding to the canopy layer, the birds were mainly found to use the main canopy and understory layer with 104 species (55.6%) and 96 species (51.3%), respectively. Only 38 species (20.3%) inhabit the upper canopy layer and 26 species (13.9%) inhabit the ground layer. Regarding the distribution in relation to elevation, 134 species (71.7%) were found in the elevation < 300 m, and only six species (3.2%) were found in the elevation > 900 m.

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