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FIELD VISIT REPORT

Field location	***Nalban Bheri***
Agenda	***To understand the point count method of bird census & identify those species during census.***
Project	***Study to preserve the environmental & ecological balance of flora & fauna.***
Date	***16th August, 2025 (Saturday)***
Visited by	***Sivansh Gupta, Anupam Pal***
Report drafted by	***Sivansh Gupta***

Objective of the visit:	• ***To quantify bird populations and classify their species in order to understand their respective ecosystems.*** • ***To understand wetland services.***
Output of the visit:	• ***Detailed record of the number of birds observed along with their identified species, providing insights into species diversity, population distribution, and the overall health of the ecosystem.***
Methodology/activity tools used	***Visual Approach (Visually spotting different species.), GPS, Camera***

Visit Summary: The field visit was primarily focused on observing and counting birds along with identifying their respective species at the East Kolkata Wetlands.

We reached the location at around 8:20 a.m. and covered two pre-selected census points to quantify bird populations and identify these species while simultaneously gaining an understanding of the wetland services and the methodology of data collection. Due to overgrown grass, we were unable to access the third census point. Nevertheless, we successfully observed multiple bird species and further deepened our understanding of the ecological systems within the wetland. The bird count data of the census is represented below in tabulated form.

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Census Point 1 Observations Table:

GPS Coordinates: 22°34'09"N, 88°26'25"E

Bird Species	Total
Indian Pond Heron *(Ardeola grayii)*	10
Common Tailorbird *(Orthotomus sutorius)*	1
House Crow *(Corvus splendens)*	13
Little Cormorant *(Microcarbo niger)*	2
Yellow-footed Green Pigeon *(Treron phoenicopterus)*	12
Common Myna *(Acridotheres tristis)*	1
White-throated Kingfisher *(Halcyon smyrnensis)*	1
Black Bittern *(Botaurus flavicollis)*	2

Census Spot 2 Observations Table:

GPS Coordinates: 22°33'53"N, 88°26'08"E

Bird Species	Total
Purple Heron *(Ardea purpurea)*	1
Coppersmith Barbet *(Psilopogon haemacephalus)*	1
Black Drongo *(Dicrurus macrocercus)*	2
Red-vented Bulbul *(Pycnonotus cafer)*	6
Little Cormorant *(Microcarbo niger)*	2
White-throated Kingfisher *(Halcyon smyrnensis)*	1
Asian Openbill Stork *(Anastomus oscitans)*	2
Black Kite *(Milvus migrans)*	1
Rufous Treepie *(Dendrocitta vagabunda)*	1
Spotted Dove *(Spilopelia chinensis)*	1

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Attachments



Black-crowned Night Hero
(Nycticorax nycticorax)



Cattle Egret *(Bubulcus ibis)*



House Crow (*Corvus splendens)*



Indian Pond Heron *(Ardeola grayii)*



Yellow-footed Green Pigeon
(Treron phoenicoptera)



Little Cormorant
(Microcarbo niger)

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Ecosystem of Nalban Bheri







