

REPORT ON BIRD BIODIVERSITY STUDY AT CHINTAMANI KAR BIRD SANCTUARY (CKBS), SOUTH 24 PARGANAS

BATCH: SEMESTER III ZOOLOGY HONS

Date of Study: 06/08/2022

No. of Student Participants: 16

Objective of the Study:

Chintamani Kar Bird Sanctuary is one of the major bird sanctuaries in and around Kolkata. This Sanctuary is ideally located far away from the pollution and disturbance of the metropolis. There is dense vegetation here which provides shelter to all life forms in the sanctuary. This sanctuary is free from human intervention as not many people know about this place. The natural environment here provides a good ecosystem for all animals. A variety of birds can be observed here which range from indigenous species to migratory birds. Our study aimed to document the different species of birds available at this time of the year.


Outcome of the Study:


Avifaunal species are very important bio-indicators which determine the health of forests and wetlands. Birds occupy many levels of trophic webs, from mid-level consumers to top predators. As with other native organisms, birds help maintain sustainable population levels of their prey and predator species and, after death, provide food for scavengers and decomposers. Many birds are important in plant reproduction through their services as pollinators or seed dispersers. Birds also provide critical resources for their many host-specific parasites, including lice that eat only feathers, flies adapted for living on birds, and mites that hitch hike on birds from plant to plant and even between countries.

Some birds are considered keystone species as their presence in (or disappearance from) an ecosystem affects other species indirectly. For example, woodpeckers create cavities that are then used by many other species.

Observations of our study would contribute to the assessment of the diversity of birds in the area.




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