



FY 2022-2023 Annual Report



DURGAPUR WILDLIFE INFORMATION & NATURE GUIDE SOCIETY

Registration No. S0005627 OF 2019-2020

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MESSAGE FROM PRESIDENT

Life on Earth has continually evolved, with countless species coming and going. The planet has already witnessed five mass extinction events, and many scientists believe we are now facing a sixth, driven by human impacts on biodiversity.

The tropics are the most biodiverse regions, with 20 megadiverse nations, including India, which has four biodiversity hotspots. To meet growing human demands and develop our economy, industrialization is essential, especially for rapidly growing nations like ours. However, this often comes at the cost of our natural habitats. Forests, grasslands, wetlands, and other ecosystems have been lost, driving many species toward extinction.

Is biodiversity important to conserve? Consider the daily essentials we get from nature for free: oxygen from forests, pollination by insects, protection from cyclones by the Sundarbans. These services cannot be replicated at the same cost by any factory. Each species is interconnected in the web of life, and the loss of one affects many others.

The Durgapur Wildlife Information and Nature Guide Society was founded in Paschim Bardhaman district, an area once covered with dense forest. In a short time, much of this forest has been lost. Most of our members are under 30 and have seen habitats disappear without fully understanding their importance. We, the nature enthusiasts from various regions, have united to protect our environment from human greed.

Many people live in a world of illusion, driven by greed for money and luxury. Raising awareness about wildlife conservation is crucial. If no one understands why we should protect nature, no one will act.

I am proud of our members' hard work towards a greener world and grateful to our governmental and non-governmental collaborators. Together, we can provide future generations with a greener world, a cleaner environment, and a sustainable lifestyle.

Thanks & Regards



SAIKAT ADHURYA
President

ABOUT SOCIETY

The Wildlife Information and Nature Guide Society, affectionately known as WINGS (<https://wildwingsindia.in/>), took its formal shape on April 12th, 2018, and received official recognition on July 17th, 2019. This passionate group of young individuals came together with the shared objective of conserving biodiversity in Durgapur and the surrounding areas. Their aim was to unite their efforts toward a common goal while simultaneously enhancing awareness about biodiversity conservation.

WINGS offers a range of services, including Wildlife Monitoring and Survey, Ecological Impact Assessment (EIA), development of Wildlife Management Plans (WMP), environmental and wildlife awareness initiatives, and citizen science projects.

The organization's roots can be traced back to 2013 when a group of birdwatchers initiated the "Birding Durgapur" group and website to foster interest in avian life within the city. As citizen involvement grew, the group expanded its focus to encompass the entire Paschim Bardhaman district's biodiversity, leading to its renaming as "Biodiversity of Paschim Bardhaman" in 2016. In late 2016, some members of the group initiated a "Barrage Cleaning Campaign" to preserve the Durgapur Barrage's ecosystem by combating pollution caused by irresponsible picnickers.

On April 12th, 2018, participants from the aforementioned campaign gathered at Chaturanga Maidan and laid the foundation stone for WINGS. The organization is deeply grateful to individuals such as Dr. Utpal Singha Roy (Assistant Professor, Durgapur Govt. College), Mr. Milan Kanti Mandal (Divisional Forest Officer, Durgapur Forest Division), Late Mr. Subhra Lahiri (Former Head of Department, HR, NHIT), Mr. Ashit Kumar Ghosh (President, NHIT), Mr. Abhijeet Sett (Lecturer, KG Engineering Institute, Bishnupur), Dr. Sudipta Das (Associate Professor, Durgapur Govt. College), Dr. Moitreyee Chakraborty (Assistant Professor, Durgapur Govt. College), and Amar Nayak (Assistant Teacher) for their unwavering support.

WINGS received invaluable guidance during its early stages from the late Shubhra Lahiri, which laid the foundation for the organization's evolution into a mature, positive, enthusiastic, and democratic entity. Within a year of its

official registration, WINGS made a significant impact on biodiversity conservation in Eastern India. Its academic influence has extended beyond West Bengal, reaching states like Assam and Jharkhand, as well as neighbouring Bangladesh.

A notable achievement for WINGS was the establishment of the Green Picnic Mission as a statewide movement. This initiative aimed to encourage widespread citizen participation in scientific innovations, bridging the gap between theoretical knowledge and practical application for every citizen of the country.

While facing various challenges, WINGS has displayed immense determination, overcoming obstacles with unwavering willpower. The organization remains steadfast in its commitment to reaching new heights and looks forward to accomplishing even more in the years to come.

INTERSHIP AND RESEARCH PUBLICATIONS

From June 2022, we had initiated 6-month Internship Programme to encourage students and budding biologists into research and expand their career prospects, which upon successful completion, may also lead to publication in reputed journals. Candidates were selected based on their resume, area of interest and domain experience. Various biologists and naturalists guided their research work which culminated in a presentation before certification.

Studies on following topics have been successfully presented by the following interns:

- 1) **Climate change: impact on distribution patterns and migration of birds in India** by Anjana Madhav under the guidance of Dr. Utpal Singha Roy
- 2) **Detailed report on publications of papers on Flying Fox for the last 10 years period on global basis** by Rohit Dey under the guidance of Dr. Somenath Dey
- 3) **A review of illegal trade encompassing marine biota in India** by Rohit Khatua under the guidance of Dr. Moitreyee Chakraborty
- 4) **Trends and progress in Otter studies with special emphasis to the future research priorities** by Aayat Abidi under the guidance of Dr. Tapajit Bhattacharya and Debayan Gayen
- 5) **A review on the ecology, threats and conservation of Smooth-coated Otter in India** by Swati Saha under the guidance of Dr. Tapajit Bhattacharya and Debayan Gayen
- 6) **A report on analysis of sonogram of Greater Coucal** by Abha Sarang Gadgil under the guidance of Dr. Sagar Adhurya and Arkajyoti Mukherjee

The following interns are working on extension of the previous internship session (June to December 2022):

- 1) Debolina Banerjee under the supervision of Dr. Tapajit Bhattacharya and Debayan Gayen
- 2) Ishika Ghosh, Subhradeep Chakravarty and Oishik Roy under the supervision of Dr. Sagar Adhurya and Arkajyoti Mukherjee

After the overwhelming response from the applicants and the successful completion of the studies by the selected interns, a fresh call was made for the internship period January to June 2023. The following interns were selected for the period and are currently working:

- 1) Swagatika Sahoo and Srijaanee Mitra under the supervision of Dr. Sagar Adhurya
- 2) Sanchali Ray, Nisha Agasti and Sagnik Nandy under the supervision of Dr. Sagar Adhurya and Subhajit Roy
- 3) Ishani Banerjee and Sobhini Nandy under the supervision of Dr. Joyita Mukherjee
- 4) Ayesha Siddika and Priyanka Singh under the supervision of Dr. Tapajit Bhattacharya and Debayan Gayen

The following research articles were published in the 2022-23 financial year with the affiliation of WINGS:

1. Gayen, D., Roy, S., Adhurya, S., Singhamahapatra, A., Seal, S. and Dutta, A. 2022. "Leucism resulting in xanthochroism" – A report on colour aberration in Coppersmith Barbet *Psilopogon haemacephalus* from Asia. *Ornis Hungarica*, 30(1): 69–79. doi: 10.2478/orhu-2022-0005
2. Roy, S., Singhamahapatra, A. and Nayak, A. K. 2022. Observations of Odonata (Insecta) from heterogeneous patches of Bankura district with first report of *Microgomphus torquatus* (Selys, 1854) from West Bengal state of India. *Journal of Animal Diversity*, 4(2): 121–151. doi: 10.52547/JAD.2022.4.2.8
3. Singhamahapatra, A. and Roy, S. 2023. First record of the rare moth *Amana angulifera* Walker, 1855 (Lepidoptera: Epicopeiidae) from India since the 19th century. *Cuadernos de Biodiversidad*, 64: 19–23. doi: 10.14198/cdbio.22415
4. Banerjee, D., Singhamahapatra, A. and Roy, S. 2023. New larval host plants for three butterfly (Lepidoptera, Papilionoidea) species from Rahr region of West Bengal, India. *Journal of Insect Biodiversity and Systematics*, 9(1): 67–79. doi: 10.52547/jibs.9.1.67
5. Mandal, B. and Roy, S. 2022 (In Press). Observations of Papilionoidea (Lepidoptera) fauna from heterogeneous patches of Jhargram district with new distribution reports from West Bengal, India. *Journal of Animal Diversity*, 4(4): 0–0.

ONGOING PROJECTS

Wildlife Management Plan (WMP) and Soil Conservation Plan (SCP) of EOGEL

Essar Oil and Gas Exploration and Production Limited (EOGEL) is planning to construct 17 new well pads in areas under Durgapur and Burdwan forest division. Total area of these well pads are 12.5 ha. For this reason, they have to assess the impact of running their project on wildlife and environment and also to help concerned government authorities to protect the prevailing habitat and associated biota. To achieve this, EOGEL, have to prepare a WMP for different endemic, scheduled flora and fauna present at the project area and its surrounding 10 km radius (Project Impact Area). As our society is successfully preparing these plans for various companies in this region, EOGEL contacted us for concocting both WMP and SCP. We have prepared list of flora and fauna of the project area and adjoining buffer zone. For soil conservation, we stress on the following arenas like plantation, creation of contour trenches, earthen dams, gully plugs, grass beds and re-excavation of ponds in the PIA. Moreover, for WMP the identified thrust areas are mix species reforestation, gap plantation, rain water harvesting, firefighting, anti-poaching cum anti-depredation squad, rescue teams, awareness camps, formation of gram poribesh bandhu sabha, continue monitoring. These WMP and SCP will eventually help EOGEL to get the EC from Forest department.

“Professional Assignment to address human-wolf conflicts in Madhaiganj village, Durgapur, West Bengal” as Rapid Action Project from Wildlife Trust of India (WTI).

Duration of the project is six months from 16 February to 16 th July of the year 2023. This is the first species-specific conservation project in western West Bengal and our society has grabbed a big opportunity by getting this. Main aim of the project is related to mitigation of human-wolf conflict at Madhaiganj village of Durgapur, Paschim Bardhaman. The Indian Grey Wolf is a Scheduled-I animal under the Wild Life (Protection) Amendment Act, 2022, but is poorly studied in West Bengal. This species often comes into close contact with humans, causing conflicts and livestock losses, which can lead to retaliatory killings.



The northern part of Durgapur subdivision has recently surfaced with regular sightings of Grey Wolf and some man-animal conflicts also have come out with it. Our organization conducted a survey in Kulboni and Madhaiganj villages and found that both are facing human-animal conflicts, with Madhaiganj experiencing more issues. As a result, an awareness and monitoring program has been initiated in Madhaiganj village, where nearly 250 households are present, with 70-80 being more prone to wolf attacks. Main objectives of this project are:

- ❖ Gather baseline data on wolf population and conflict data based on their interaction with people through Forest Department records and social surveys.
- ❖ Collect camera trap data to understand wolf movement patterns.
- ❖ Test out nonlethal deterrent fladry around cattle enclosures and monitor their effectiveness to reduce livestock loss by wolves.
- ❖ Sensitization of local residents on the importance of wolves in the ecosystem to encourage coexistence.

We are looking forward to successful completion of the project which will eventually give us new opportunity to work on the species conservation.

EVENTS

Campus Bird Count 2023

The Campus Bird Count, a longstanding tradition within our society, actually began before our official registration. This initiative first took flight in 2015 at Kendriya Vidyalaya, CRPF, Durgapur-14. Since 2017, the event has found a consistent home at Durgapur Government College. Our Campus Bird Count is synchronized with the nationwide Great Backyard Bird Count, organized by Birdcount India, and aims to ignite a passion for birdwatching among college students. The event educates participants on using field guides and birdwatching equipment, as well as identifying various bird species.



On February 17th, 2023, we hosted this annual event at Durgapur Government College, attracting 35 participants, a mix of seasoned birdwatchers and enthusiastic newcomers. Over the course of two hours, the group traversed 4 kilometers and successfully identified 44 different bird species, marking an improvement from the previous year. For a detailed account of the species observed, you can refer to our checklist at [eBird Checklist S128501168]

Here is the detailed observation data in a tabular form:

Common Name	Scientific Name	Number Observed
Rock Pigeon (Feral Pigeon)	<i>Columba livia</i>	4
Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	10
Spotted Dove	<i>Spilopelia chinensis</i>	8
Yellow-footed Green-Pigeon	<i>Treron phoenicopterus</i>	15
Greater Coucal	<i>Centropus sinensis</i>	2
Asian Koel	<i>Eudynamys scolopaceus</i>	1
Asian Palm Swift	<i>Cypsiurus balasiensis</i>	7
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	2
Oriental Honey-buzzard	<i>Pernis ptilorhynchus</i>	1
Shikra	<i>Accipiter badius</i>	3
Asian Green Bee-eater	<i>Merops orientalis</i>	4
Coppersmith Barbet	<i>Psilopogon haemacephalus</i>	2
Lineated Barbet	<i>Psilopogon lineatus</i>	1
Blue-throated Barbet	<i>Psilopogon asiaticus</i>	2
Black-rumped Flameback	<i>Dinopium benghalense</i>	2
Rose-ringed Parakeet	<i>Psittacula krameri</i>	2
Large Cuckooshrike	<i>Coracina macei</i>	1
Black-hooded Oriole	<i>Oriolus xanthornus</i>	3
Common Iora	<i>Aegithina tiphia</i>	2
Black Drongo	<i>Dicrurus macrocercus</i>	6
Ashy Drongo	<i>Dicrurus leucophaeus</i>	1
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	3
Brown Shrike	<i>Lanius cristatus</i>	1
Rufous Treepie	<i>Dendrocitta vagabunda</i>	10
House Crow	<i>Corvus splendens</i>	15
Common Tailorbird	<i>Orthotomus sutorius</i>	2
Gray-breasted Prinia	<i>Prinia hodgsonii</i>	5
Ashy Prinia	<i>Prinia socialis</i>	6
Plain Prinia	<i>Prinia inornata</i>	1

Zitting Cisticola	<i>Cisticola juncidis</i>	1
Blyth's Reed Warbler	<i>Acrocephalus dumetorum</i>	1
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	8
Red-vented Bulbul	<i>Pycnonotus cafer</i>	18
Greenish Warbler	<i>Phylloscopus trochiloides</i>	2
Jungle Babbler	<i>Argya striata</i>	28
Indian Pied Starling	<i>Gracupica contra</i>	2
Brahminy Starling	<i>Sturnia pagodarum</i>	4
Chestnut-tailed Starling	<i>Sturnia malabarica</i>	4
Common Myna	<i>Acridotheres tristis</i>	15
Indian Robin	<i>Copsychus fulicatus</i>	2
Oriental Magpie-Robin	<i>Copsychus saularis</i>	5
Verditer Flycatcher	<i>Eumyias thalassinus</i>	1
Purple Sunbird	<i>Cinnyris asiaticus</i>	8
White Wagtail	<i>Motacilla alba</i>	2

Durgapur Barrage Bird Walk 2023

Durgapur Barrage Bird Walk is oldest event of our organisation. Its history started long back on 2015. The event is hosted on the occasion of a global event namely Great Backyard Bird Count (details can be found at <https://gbbc.birdcount.org>). Since 2015, the event organised every year on the 3rd Sunday of February. The main focus of this event is to promote birdwatching and bird count. It also facilitates us in long-term avian diversity monitoring. Since its birth, it is an open-to-all event. Anybody can join us to learn about birding, bird count method, bird identification and also, they can share their own experience with us. After birding the participants have to upload their checklist to eBird via either eBird app or GBBC.



During the 2023 GBBC on February 19th, we recorded 78 bird species over 3 hours and 41 minutes, covering 3.5km. Check out our findings at <https://ebird.org/checklist/S128842152>. We were joined by 16 enthusiastic participants this year.



Here is the detailed observation data in a tabular form:

Bird Species	Scientific Name	Number Observed
Ruddy Shelduck	<i>Tadorna ferruginea</i>	31
Rock Pigeon (Feral Pigeon)	<i>Columba livia</i>	6
Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	4
Common Hawk-Cuckoo	<i>Hierococcyx varius</i>	2
White-breasted Waterhen	<i>Amaurornis phoenicurus</i>	1
Little Ringed Plover	<i>Charadrius dubius</i>	2
Kentish Plover	<i>Anarhynchus alexandrinus</i>	10
Common Sandpiper	<i>Actitis hypoleucos</i>	2
Temminck's Stint	<i>Calidris temminckii</i>	6
Small Pratincole	<i>Glareola lactea</i>	1
Asian Openbill	<i>Anastomus oscitans</i>	3
Little Cormorant	<i>Microcarbo niger</i>	2
Great Cormorant	<i>Phalacrocorax carbo</i>	5
Indian Pond-Heron	<i>Ardeola grayii</i>	6
Great Egret	<i>Ardea alba</i>	1
Medium Egret	<i>Ardea intermedia</i>	1
Gray Heron	<i>Ardea cinerea</i>	2
Osprey	<i>Pandion haliaetus</i>	1
Shikra	<i>Accipiter badius</i>	1
Spotted Owlet	<i>Athene brama</i>	1
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	2
Pied Kingfisher	<i>Ceryle rudis</i>	2
Coppersmith Barbet	<i>Psilopogon haemacephalus</i>	1
Blue-throated Barbet	<i>Psilopogon asiaticus</i>	1
Black-rumped Flameback	<i>Dinopium benghalense</i>	1
Rose-ringed Parakeet	<i>Psittacula krameri</i>	1
Black-hooded Oriole	<i>Oriolus xanthornus</i>	4
Ashy Woodswallow	<i>Artamus fuscus</i>	1
Common Iora	<i>Aegithina tiphia</i>	3
Black Drongo	<i>Dicrurus macrocercus</i>	2
Rufous Treepie	<i>Dendrocitta vagabunda</i>	2
House Crow	<i>Corvus splendens</i>	3
Sand Lark	<i>Alaudala raytal</i>	1
Common Tailorbird	<i>Orthotomus sutorius</i>	2
Delicate Prinia	<i>Prinia lepida</i>	2

Ashy Prinia	<i>Prinia socialis</i>	2
Plain Prinia	<i>Prinia inornata</i>	1
Gray-throated Martin	<i>Riparia chinensis</i>	10
Red-vented Bulbul	<i>Pycnonotus cafer</i>	4
Greenish Warbler	<i>Phylloscopus trochiloides</i>	1
Jungle Babbler	<i>Argya striata</i>	6
Indian Pied Starling	<i>Gracupica contra</i>	2
Brahminy Starling	<i>Sturnia pagodarum</i>	1
Chestnut-tailed Starling	<i>Sturnia malabarica</i>	10
Common Myna	<i>Acridotheres tristis</i>	2
Bank Myna	<i>Acridotheres ginginianus</i>	7
Oriental Magpie-Robin	<i>Copsychus saularis</i>	1
Purple Sunbird	<i>Cinnyris asiaticus</i>	1
Western/Eastern Yellow Wagtail	<i>Motacilla flava/tschutschensis</i>	2
Citrine Wagtail	<i>Motacilla citreola</i>	2
White-browed Wagtail	<i>Motacilla maderaspatensis</i>	2
White Wagtail	<i>Motacilla alba</i>	5
Richard's Pipit	<i>Anthus richardi</i>	1

Nil Nirjan Bird Walk 2023



The Great Backyard Bird Count in India, known as GBBC India, occurs annually in February over four days (details at <https://birdcount.in/event/gbbc/>). This event offers vital insights into bird distribution, habitat changes, and population dynamics. It also provides a platform to promote birdwatching and engage the public.

This year, on February 17th, 2023, in collaboration with Krishna Chandra College, Hetampur, we observed 60 bird species over 2 hours and 20 minutes, covering 4km. Check out our findings at <https://ebird.org/checklist/S128500723>. 13 participants contributed to this successful event.



Here is the detailed observation data in a tabular form:

Bird Species	Scientific Name	Number Observed
Rock Pigeon (Feral Pigeon)	<i>Columba livia</i>	4
Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	10
Spotted Dove	<i>Spilopelia chinensis</i>	8
Yellow-footed Green-Pigeon	<i>Treron phoenicopterus</i>	15
Greater Coucal	<i>Centropus sinensis</i>	2
Asian Koel	<i>Eudynamys scolopaceus</i>	1
Asian Palm Swift	<i>Cypsiurus balasiensis</i>	7
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	2
Oriental Honey-buzzard	<i>Pernis ptilorhynchus</i>	1
Shikra	<i>Accipiter badius</i>	3
Asian Green Bee-eater	<i>Merops orientalis</i>	4
Coppersmith Barbet	<i>Psilopogon haemacephalus</i>	2
Lineated Barbet	<i>Psilopogon lineatus</i>	1
Blue-throated Barbet	<i>Psilopogon asiaticus</i>	2
Black-rumped Flameback	<i>Dinopium benghalense</i>	2
Rose-ringed Parakeet	<i>Psittacula krameri</i>	2

Large Cuckooshrike	<i>Coracina macei</i>	1
Black-hooded Oriole	<i>Oriolus xanthornus</i>	3
Common Iora	<i>Aegithina tiphia</i>	2
Black Drongo	<i>Dicrurus macrocercus</i>	6
Ashy Drongo	<i>Dicrurus leucophaeus</i>	1
Hair-crested Drongo	<i>Dicrurus hottentottus</i>	3
Brown Shrike	<i>Lanius cristatus</i>	1
Rufous Treepie	<i>Dendrocitta vagabunda</i>	10
House Crow	<i>Corvus splendens</i>	15
Common Tailorbird	<i>Orthotomus sutorius</i>	2
Gray-breasted Prinia	<i>Prinia hodgsonii</i>	5
Ashy Prinia	<i>Prinia socialis</i>	6
Plain Prinia	<i>Prinia inornata</i>	1
Zitting Cisticola	<i>Cisticola juncidis</i>	1
Blyth's Reed Warbler	<i>Acrocephalus dumetorum</i>	1
Red-whiskered Bulbul	<i>Pycnonotus jocosus</i>	8
Red-vented Bulbul	<i>Pycnonotus cafer</i>	18
Greenish Warbler	<i>Phylloscopus trochiloides</i>	2
Jungle Babbler	<i>Argya striata</i>	28
Indian Pied Starling	<i>Gracupica contra</i>	2
Brahminy Starling	<i>Sturnia pagodarum</i>	4
Chestnut-tailed Starling	<i>Sturnia malabarica</i>	4
Common Myna	<i>Acridotheres tristis</i>	15
Indian Robin	<i>Copsychus fulicatus</i>	2
Oriental Magpie-Robin	<i>Copsychus saularis</i>	5
Verditer Flycatcher	<i>Eumyias thalassinus</i>	1
Purple Sunbird	<i>Cinnyris asiaticus</i>	8
White Wagtail	<i>Motacilla alba</i>	2

NATURE WALK: DEUL RIVERSIDE AND GARH JUNGLE

WINGS' nature walks offer guided explorations of natural areas by experienced naturalists. Participants discover local plants, animals, and insects while learning about ecology and conservation. These walks provide a chance for all ages to connect with nature, appreciating its beauty and understanding conservation efforts.



On August 21, 2022, a nature exploration event unfolded at Deul Riverside and Garh Jungle in Durgapur. Enthusiastic participants gathered to witness the rich biodiversity of the area. During this event, a total of 51 bird species and 21 butterfly species were observed, highlighting the diverse wildlife thriving in the serene surroundings of Deul Riverside and Garh Jungle. (<https://ebird.org/checklist/S117935586>)





Here is the detailed observation data in a tabular form:

Bird Species	Scientific Name	Number Observed
Indian Peafowl	<i>Pavo cristatus</i>	8
Gray Francolin	<i>Ortygornis pondicerianus</i>	4
Little Grebe	<i>Tachybaptus ruficollis</i>	2
Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	10
Red Collared-Dove	<i>Streptopelia tranquebarica</i>	1
Yellow-footed Green-Pigeon	<i>Treron phoenicopterus</i>	8
Greater Coucal	<i>Centropus sinensis</i>	1
Lesser Coucal	<i>Centropus bengalensis</i>	3
Gray-bellied Cuckoo	<i>Cacomantis passerinus</i>	1
Common Hawk-Cuckoo	<i>Hierococcyx varius</i>	1
Asian Palm Swift	<i>Cypsiurus balasiensis</i>	2
Red-wattled Lapwing	<i>Vanellus indicus</i>	20
Green Sandpiper	<i>Tringa ochropus</i>	2
Common Greenshank	<i>Tringa nebularia</i>	10
Barred Buttonquail	<i>Turnix suscitator</i>	1
Sterna sp.	<i>Sterna sp.</i>	20
Asian Openbill	<i>Anastomus oscitans</i>	12
Asian Woolly-necked Stork	<i>Ciconia episcopus</i>	2

Little Cormorant	<i>Microcarbo niger</i>	6
Little Egret	<i>Egretta garzetta</i>	1
Indian Pond-Heron	<i>Ardeola grayii</i>	7
Eastern Cattle Egret	<i>Bubulcus coromandus</i>	31
Gray Heron	<i>Ardea cinerea</i>	3
Red-naped Ibis	<i>Pseudibis papillosa</i>	1
Shikra	<i>Accipiter badius</i>	1
White-throated Kingfisher	<i>Halcyon smyrnensis</i>	1
Asian Green Bee-eater	<i>Merops orientalis</i>	6
Chestnut-headed Bee-eater	<i>Merops leschenaulti</i>	1
Blue-throated Barbet	<i>Psilopogon asiaticus</i>	1
Rose-ringed Parakeet	<i>Psittacula krameri</i>	5
Indian Golden Oriole	<i>Oriolus kundoo</i>	1
Black-hooded Oriole	<i>Oriolus xanthornus</i>	1
Ashy Woodswallow	<i>Artamus fuscus</i>	2
Common Iora	<i>Aegithina tiphia</i>	2
Black Drongo	<i>Dicrurus macrocercus</i>	4
Rufous Treepie	<i>Dendrocitta vagabunda</i>	2
Bengal Bushlark	<i>Mirafra assamica</i>	2
Common Tailorbird	<i>Orthotomus sutorius</i>	2
Gray-breasted Prinia	<i>Prinia hodgsonii</i>	5
Jungle Prinia	<i>Prinia sylvatica</i>	2
Ashy Prinia	<i>Prinia socialis</i>	1
Plain Prinia	<i>Prinia inornata</i>	4
Zitting Cisticola	<i>Cisticola juncidis</i>	1
Gray-throated Martin	<i>Riparia chinensis</i>	5
Red-vented Bulbul	<i>Pycnonotus cafer</i>	23
Tawny-bellied Babbler	<i>Dumetia hypertythra</i>	2
Common Babbler	<i>Argya caudata</i>	5
Indian Pied Starling	<i>Gracupica contra</i>	90
Common Myna	<i>Acridotheres tristis</i>	6
Oriental Magpie-Robin	<i>Copsychus saularis</i>	1
Scaly-breasted Munia	<i>Lonchura punctulata</i>	2
White-browed Wagtail	<i>Motacilla maderaspatensis</i>	2

“Beach-cleaning Drive” on World Oceans Day

This flagship awareness campaign was very imperative as our society's endeavour reached Purba Medinipur for the first time. Globally habitat quality of beaches is degraded in recent past by anthropogenic activities, so this event was need of this hour. This awareness campaign was held on Boguran Jalpai Sea Beach, Contai on 8th June, 2022 to celebrate World Oceans Day. In 2022 the theme of that day was “Revitalization: collective action for the ocean”.



The programme not only helped to improve the abating habitat quality of that beach but also created awareness among college students and local villagers. 25 students of Prabhat Kumar College, Contai, Purba Medinipur were participated in this drive. Biodiversity Management Committee (BMC), Contai Municipality and Wildlife and Ecology (WNE) NGO extended their helping hands for successful implementation of this venture. Inauguration of this programme was done in P.K. College where four members of our society were present. Then ecological importance of the ocean habitats was elucidated to students to make

them more involved. Tons of non-biodegradable plastics were collected from the beach and carried to solid waste management centres by vehicles provided by Contai Municipality.



After completion of the programme each contributor was provided a certificate of participation. In future, our society is envisaged to do more such programmes for betterment of the society in different parts of our state and outside.

NATIONAL MOTH WEEK

National Moth Week is an annual event that takes place during the last full week in July. It is a global citizen science project that aims to promote the awareness and study of moths.

During National Moth Week, people are encouraged to observe and identify different moth species in their local area and submit their findings to a database or citizen science project. This helps in collecting valuable data on moth populations and distribution, which can be used by researchers to study changes in moth populations and their habitats.

Apart from moth-watching, there are various other activities that take place during National Moth Week, such as moth photography contests, and webinars on moth conservation. These activities aim to promote awareness about the importance of moths in our ecosystem and the need to conserve their habitats.




Webinar series on:

3RD NATIONAL MOTH WEEK

23rd to 31st July 2022




 Inaugural event with participating College students 23rd July 2022 (8 PM) Google meet Keynote speech: Dr. Utpal Singha Roy "Basic Ecology and Taxonomy of Moths" by Md. Jahir Rayhan "WINGS of Moth" by Subhajit Roy Concluding remark by President, WINGS	 Dr. Vijay Barve 24th July 2022 (7:30 PM) Google meet Citizen Science and Moth-ing	 Taslima Sheikh 30th July 2022 (7:30 PM) Google meet Mothing in Paradise	 WINGS 31st July 2022 (7:30 PM) Facebook Live Virtual Moth Adda https://www.facebook.com/wingsbengal
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Registration link

Google meet

<https://forms.gle/fAXfGkc5PMHb9JQ48>

<https://meet.google.com/nep-urxc-ss>



- Upload your moth images taken at any time from any places at West Bengal at Biodiversity of West Bengal website
- eCertificates for all, Prizes for top contributors (Most images, Most species, Most life cycles)

<https://bdwb.wildwingsindia.in>

Organized by: **Wildlife Information and Nature Guide Society [Govt. Regd.]**

In association with:

- Durgapur Govt. College [IQAC, Department of Zoology & PG Department of Conservation Biology]
- Krishna Chandra College, Hetampur [Department of Zoology]
- PR Thakur Government College [Department of Zoology]
- Serampore College [Department of Zoology for UG & PG Studies]



Date: 23rd July to 31st July 2022.

In Association with:

- Durgapur Government College [IQAC, Department of Zoology & PG Department of Conservation Biology]
- Krishna Chandra College, Hetampur [Department of Zoology]
- PR Thakur Government College [Department of Zoology]
- Serampore College [Department of Zoology for UG & PG Studies]

Events:

1. Webinars on Moths:

- Basic Ecology and Taxonomy of moths by Md. Jahir Rayhan
- Citizen science and Mothing by Dr. Vijay Barve
- Mothing in Paradise by Taslima Sheikh

2. Posting observation of moths in the portal Biodiversity of West Bengal:

Total Observation: 373

Total number of species recorded: 130

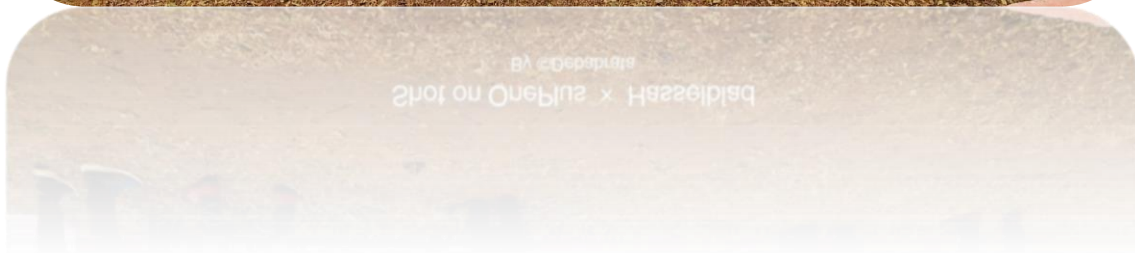
Total Observers: 14

Total Districts: 12

Top Observer	Most Species	Most observed species	Top District
Saikat Adhurya (105)	Arnab Kumar Samanta (53)	<i>Scopula sp.</i> (9)	Kalimpong (113)
Susmita Ghosh (68)	Susmita Ghosh (39)	<i>Amata cyssea</i> (6)	Paschim Medinipur (75)
Arnab Kumar Samanta (65)	Sumana Dutta (27)	<i>Amata cyssea</i> (5)	South 24 Parganas (66)

Forest Bird Count

The midwinter water bird survey is a nationwide activity to survey water birds in areas of major concentration on their wintering Grounds. This survey also serves as a primary source of data on Population for some species and also works as a healthy indicator for the wetlands. This data is very much useful for conservation related initiatives for the wetland ecosystem.



So, like previous years, this year also we have done Midwinter Bird survey throughout the wetlands around Paschim Bardhaman district in collaboration with Durgapur Forest Division. During this activity our pool of volunteers visited a total 8 numbers of Wetlands and conducted the survey with forest officials from different Range and Beat offices of Durgapur Forest Division.



During this survey 49 species of birds were recorded out of these 23 are winter migrants. Species like Lesser Adjutant also recorded from this survey which is considered as a “Vulnerable” as per IUCN status. We have also managed to visit a relatively new biodiversity hotspot for the First time at “Choti Raniganj”, which falls under Asansol subdivision for the survey. Concentration & diversity of migratory water birds in this man-made reservoir is quite noticeable.

प्रवासी पक्षी विशेषज्ञों ने चित्तरंजन में प्रवासी पक्षियों की घटती संख्या से जताई चिंता



प्रवासी पक्षी विशेषज्ञों के साथ वन विभाग के अधिकारी

सन्मार्ग संवाददाता
चित्तरंजन : वन विभाग के दिशा-निर्देशों को लेकर सोमवार को वन विभाग के अधिकारियों के साथ वाइल्ड इंफॉर्मेशन एंड नेचर गाइड सोसायटी (विंग्स) के साथ प्रवासी पक्षी विशेषज्ञों के दल ने चित्तरंजन का दौरा किया। इस दौरान दल के सदस्यों ने चित्तरंजन के कई जलाशयों का निरीक्षण कर वहां आने वाले

प्रवासी पक्षियों की जानकारी इकट्ठा की। इसके साथ इन पक्षियों की तस्वीरों को कैमरे में कैद किया। वहीं प्रवासी पक्षियों के विशेषज्ञों ने बताया कि चित्तरंजन के कई जलाशयों का उनलोगों ने दौरा किया है जहां बीते साल की तुलना में इस साल प्रवासी पक्षी कम आये हैं। जलाशयों का जल दूषित होने के कारण इस साल प्रवासी पक्षी कम आये हैं। विशेषज्ञों ने बताया

कि जलाशयों का अगर साफ नहीं किया गया तो आने वाले कुछ सालों में यहाँ प्रवासी पक्षी शायद न आये। वन विभाग के अधिकारियों ने कहा कि वन विभाग द्वारा चित्तरंजन रेल प्रशासन से संपर्क कर यहाँ रहने वाले जंगली जीवों के साथ जलाशयों को साफ करने का आग्रह किया गया है। वहीं प्रवासी पक्षी विशेषज्ञों ने भी प्रवासी पक्षियों की कम संख्या होने की जानकारी रेल प्रशासन को देकर उचित कदम उठाने का सुझाव दिया। गौरतलब है कि सर्दियों का मौसम आते ही चित्तरंजन के विभिन्न जलाशयों में हर वर्ष काफी संख्या में प्रवासी पक्षी पहुँचते हैं जिनकी चहचहाट सुनकर रेल नगरी के साथ इन्हें देखने आये लोग मंत्रमुग्ध हो जाते हैं। इस वर्ष भी लोग जलाशयों के पास जाकर प्रवासी पक्षियों को देखकर उनकी मनमोहक तस्वीरों को कैमरे में कैद कर रहे हैं।

जल पक्षियों की वार्षिक गणना करने चित्तरंजन पहुंची विशेषज्ञों की टीम



भारतवर्षा चित्तरंजन

चित्तरंजन का मानना है कि अगर पक्षियों में पक्षी को बचाने में मदद करे। वन विभाग के अधिकारी, पक्षी विशेषज्ञ एवं वन प्रशासी युवक व प्रशस्ति गाइड सोसायटी (विंग्स) के कर्मचारियों ने चित्तरंजन के विभिन्न जलाशयों का भ्रमण किया। जल पक्षियों की वार्षिक गणना के लिए चित्तरंजन जलाशयों का दौरा कर यहाँ आने वाले प्रवासी पक्षियों को कैमरे में कैद किया। दल में शामिल हैं जल पक्षियों की वार्षिक गणना कर कार्यक्रम आयोजित किया जा रहा है। इस टीम ने देखा कि चित्तरंजन के हर जल पक्षी जलाशयों में जोर है पक्षी होने की संख्या है। इसलिए अन्य पक्षी की तुलना में इस वर्ष प्रवासी पक्षियों की संख्या बहुत कम है।



Major observation from this survey is, massive degradation of wetlands around Chittaranjan Railway Township which causes a major decline in numbers of migratory water birds with respect to previous years. The issue has been raised to all the concerned authorities and the good news is restoration work for those waterbodies to their earlier forms has been started by railway authority after intervention of Durgapur Forest Division.



Awareness Programmes

AWARENESS PROGRAM ON PANGOLINS

The State Level One-day Seminar cum Awareness Campaign 2023 on "Save the Pangolins" was a significant event jointly organized by the Department of Conservation Biology & Internal Quality Assurance Cell of Durgapur Government College and the Wildlife Information & Nature Guide Society. Held under the esteemed patronage of the West Bengal Zoo Authority (WBZA), the event took place at the Nazrul Prekhhagriho, Pran o Poribesh Bhawan, Durgapur Government College on February 23, 2023. During this seminar and campaign, awareness was raised about the critical conservation needs of pangolins, emphasizing their protection and the importance of preserving their habitats. It proved to be an enlightening and impactful event in the realm of wildlife conservation.





AWARENESS PROGRAM ON HUMAN-WOLF CONFLICT

WINGS, in collaboration with the Wildlife Trust of India (WTI), conducted a successful awareness campaign in Laudoha, Paschim Bardhaman, focusing on human-wolf conflict. This initiative, part of the Rapid Action Project (RAP), was funded by WTI and aimed at educating local villagers on coexistence strategies and the importance of wolves in the ecosystem.

The campaign saw enthusiastic participation from many local villagers, demonstrating a strong community interest in resolving wildlife conflicts. The range officer of Laudoha played a crucial role in spreading awareness and facilitating the event, helping to bridge the gap between the local administration and the community.



The campaign featured interactive sessions and informative talks, highlighting effective ways to prevent conflicts and the ecological benefits of preserving wolf populations. This collaborative effort between WINGS, WTI, and local

authorities showcases the power of community engagement in addressing environmental challenges and promoting peaceful coexistence between humans and wildlife.



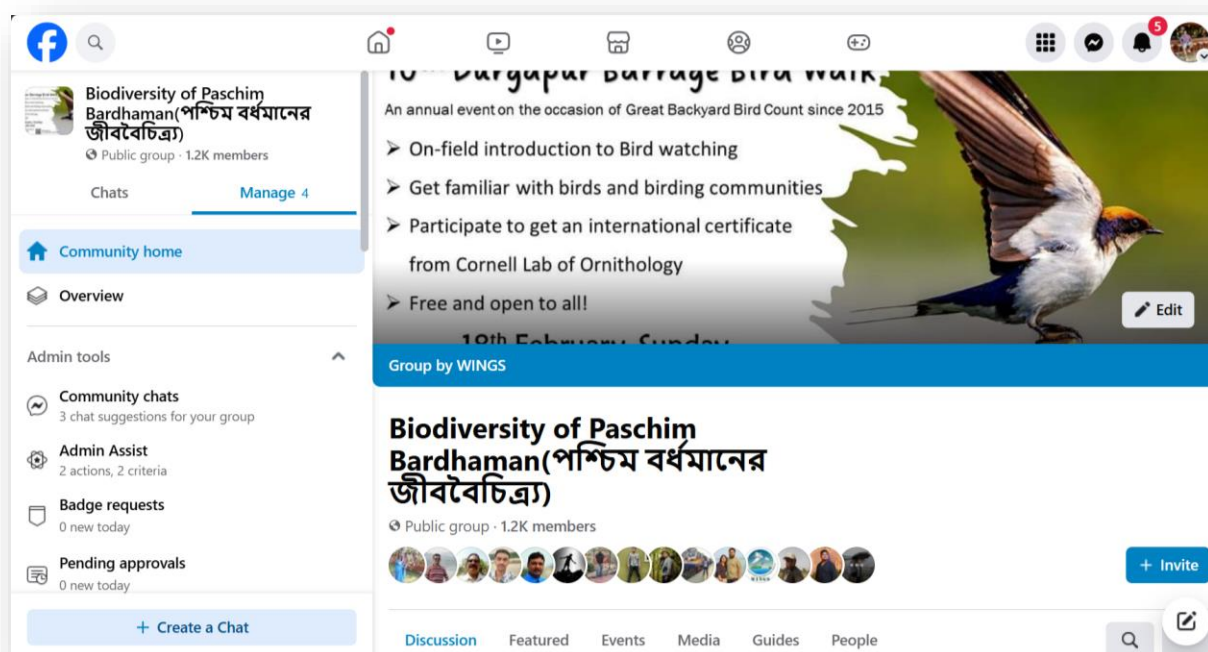
CITIZEN SCIENCE WITH SOCIAL MEDIA

Facebook groups

Biodiversity of Paschim Bardhaman

<https://www.facebook.com/groups/wildwestbardhaman>

Originally created to document the birds of Durgapur with citizen science effort with the name 'Birding Durgapur' in 2013. Later the name of this group changed to the present name in 2017 with aim to document all kinds of living organisms found in Paschim Bardhaman district.



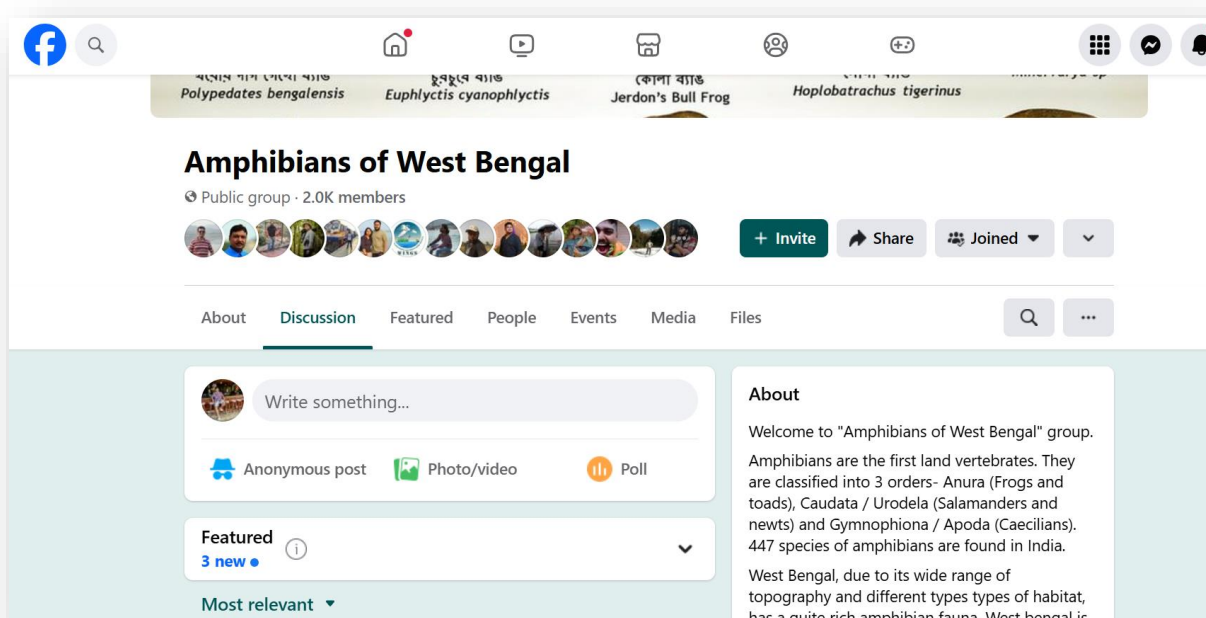
Amphibians of West Bengal

<https://www.facebook.com/groups/898763990460436>

The "Amphibians of West Bengal" Facebook group was established to explore, understand, and conserve the diverse amphibian species in West Bengal. The group serves as a platform for enthusiasts and experts to share information, photos, and observations about local amphibians.

Objectives

- To raise awareness about the amphibian biodiversity in West Bengal.
- To promote conservation efforts through community engagement.
- To facilitate the exchange of knowledge among members.

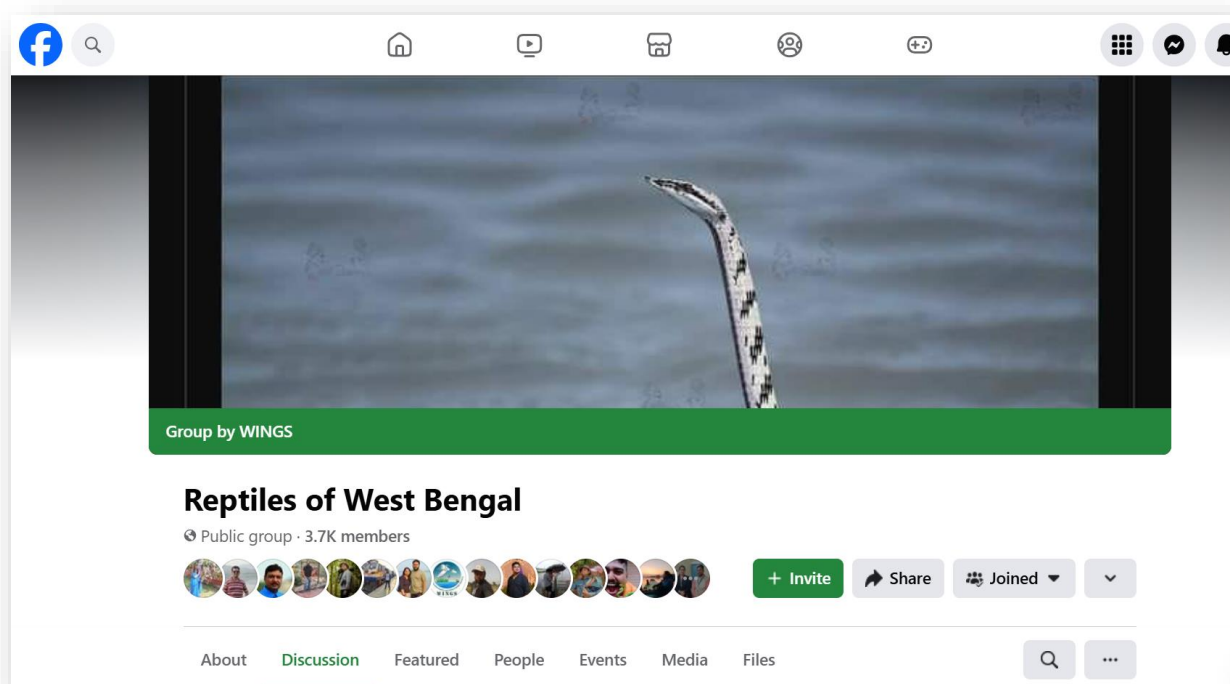


Reptiles of West Bengal

<https://www.facebook.com/groups/169683851040605>

The "Reptiles of West Bengal" Facebook group is dedicated to exploring, understanding, and conserving the diverse reptilian species in West Bengal. Our community brings together enthusiasts, experts, and nature lovers to share knowledge and promote reptile conservation.

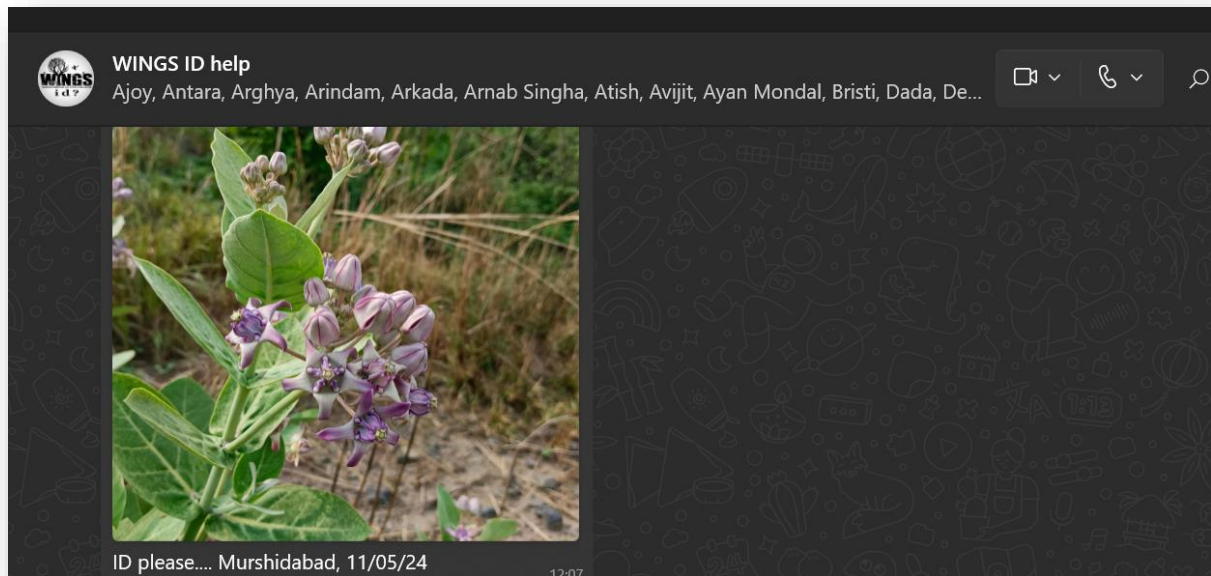
The group's primary goal is to document and raise awareness about the reptiles of West Bengal. Through active engagement, educational posts, and field observations, we aim to highlight the importance of these species and their roles in our ecosystems.



WhatsApp groups

WINGS ID help

<https://chat.whatsapp.com/KuWdzy4wSrhd8CqaSgTQ7Y>



This group focuses on identifying various species of flora and fauna. Despite limited expertise among members, the collective efforts aim to enhance knowledge and understanding of biodiversity.

ELECTED NEW GOVERNING BODY

NAME	DESIGNATION
SAIKAT ADHURYA	President
SUBHADEEP SAHA	Vice President
SUBHAJIT ROY	Vice President
DR. ARKAJYOTI MUKHERJEE	Secretary
RAJASI ROY	Joint Secretary
MANISHA DUTTA	Joint Secretary
DR. SAGAR ADHURYA	Treasurer
MANISH KUMAR CHATTOPADHYAY	Assistant Treasurer
DEBAYAN GAYEN	Assistant Treasurer

Know more about governing body members at:

https://wildwingsindia.in/governing_body.php



WINGS MEMBERSHIP

Membership Benifits

- ✓ Opportunity to protect the future of nature
- ✓ Opportunity to participate in Conservation Work with field training.
- ✓ Quarterly Nature Walk with experts from different fields of wildlife
- ✓ Free entries in events conducted by WINGS
- ✓ Opportunity to attend Webinars by experts
- ✓ Opportunity to participate in the events of our online portal Biodiversity of West Bengal
- ✓ Opportunity to perform project and research works
- ✓ Enhances creativity

OUR MEMBERSHIP PLANS

CATEGORY	3 MONTHS	6 MONTHS	12 MONTHS
EARNING MEMBER Rs. 100 per month only	₹300 No discount	₹550 Rs. 50/- off	₹1100 Rs. 100/- off
STUDENT MEMBER Rs 30 per month only	₹90 No discount	₹165 Rs. 15/- off	₹330 Rs. 30/- off



Credit

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Durgapur Wildlife Information and Nature Guide Society

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