



ANNUAL REPORT

FY 2020-2021



**DURGAPUR WILDLIFE INFORMATION & NATURE GUIDE
SOCIETY**

Registration no. S0005627 of 2019-2020
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PREFACE

This year marks the completion of the second year for WINGS as a registered society. It is a matter of immense pleasure to team WINGS, also known as Durgapur Wildlife Information and Nature Guide Society to present before you the Annual Book for the year **2020-2021**. It will take you through all the activities and initiatives undertaken by WINGS throughout the year bygone. **2020** had been a year of tumultuous events to the entire mankind all around the globe with numerous novel experiences and innumerable ups and downs. But thanks to the ever-evolving technology and the fighter spirit of mankind which helped it to get pass through the unprecedented events of the Pandemic and come victorious out of it. During this period of uncertainties and struggle, team WINGS managed to organise and execute virtual events along with relief camps as well, and this book will take you through all those activities, initiatives and future prospects.

We wish you a happy reading :)

Thanking You!

Rahul Mallick

EDITOR

Durgapur WINGS

21st July, 2021

Note from President

Earth created around 4.5 billions year ago and the first evidence of life came to the earth around 4.1 billions year ago. Since then, the life evolving in this blue planet continually. Many species came and many became extinct in this dynamic game of evolution. Earth already witnessed five mass extinction events of which the last was about 66 million years ago. Many scientists believed that presently we are going through SIX MASS EXTINCTION events, and that is due to human action on this planet.

In this earth the tropics is the most biodiverse region. Our world has 20 mega diversity nations and most of which situated in tropical region. India is one of them and consists of 4 biodiversity hotspots. But, to fulfil the ever-increasing human demand and to develop the economy; industrialisation is a prime need for any nation especially the nation which projected to have highest population in the world by 2050. Now the problem is, to create industry we need land and this is performed by nurturing our mother nature. Miles of forests, grasslands, wetlands and other habitats already lost to fulfil our human needs. Simultaneously, the species which resides in those land, are also lose their home and ultimately started walking towards extinction. Now the question is, is biodiversity so important to conserve?? Ok, let us think it together. Just imagine what things are you using in your day-to-day life. From where they are coming from. Just think, if there are no forest, what will be the cost of producing same amount of oxygen a forest giving us for free of cost? Just imagine if there are no insects, how much money we have to spend behind pollination to get our food? If there are no Sundarbans, who will protect is from cyclone, tsunami etc.? Just think, if there are no birds, how much insect population will rise? Briefly, the services we get from ecosystem for absolutely free of cost never can be produced in any factory with the same cost.

Note from President (contd.)

Extinction of a species and evolution of new species is a dynamic process. But, we human, enhanced the rate of extinction in a higher level. Think, once a species is lost from this earth they will never back. Each and every species are linked with one another by the bonding of food web and species-species interaction. If anyone became lost from an ecosystem, it will greatly affect the population of other species.

Origin of Durgapur Wildlife Information and Nature Guide Society was from Paschim Bardhaman district. The district which is known in India for industry. But, about 150 years ago before the discovery of coal from Raniganj area, the whole district was covered with dense forest. Just imagine, during this short course of time we human finished most of the natural forest from a district. Most of our members is below the age of 30. In this short period of life, we witnessed regular loss of habitat in our surroundings without knowing the species composition of those land and their importance. We the wild lovers from Durgapur, Asansol, Jhargram, Bankura, Kolkata, Purulia, Bardhaman; all united here for a common cause, i.e., to protect our nature from human greed. But sadly, most of the people in our surrounding living in a world of illusion, surrounded with greed of money and luxury lifestyle. So, to understand them the term 'wildlife conservation', development of awareness should be our first job. If no one knows that why we should protect our nature, no one will come forward. I am happy to say that our members are working hard to fulfil our dream towards a greener world. Kudos to their effort. I am also thankful to our different government and non-governmental collaborators for joining their hand with us for a greater cause.

Hope we can give our future generation a greener world, cleaner environment, and sustainable lifestyle.

Thanks and regards,

Sagar Adhurya.

SAGAR ADHURYA

President

Note from Secretary

দেখতে দেখতে দুটো বছর পার হয়ে গেল। এখনও মনে হয়, "এই তো সেদিন", যখন মনে পড়ে দীর্ঘ সরকারী প্রক্রিয়াশেষে, সফল ভাবে প্রতিষ্ঠিত হলো দুর্গাপুর ওয়াইল্ডলাইফ ইনফরমেশন অ্যান্ড নেচার গাইড সোসাইটি বা উইংস।

গ্রীন পিকনিক মিশনের হাত ধরে যার পথ চলা শুরু, সেই উইংস ধীরে ধীরে মহীরুহের মতো শাখা প্রশাখা প্রস্ফুটিত করতে করতে, আজ এক সফল 'সিটিজেন সায়েন্স অর্গানাইজেশন'-এ পরিণত হয়েছে। তবে কেবল প্রকৃতি, পরিবেশ ও জীববৈচিত্র্য রক্ষার পরম দায়িত্বপালনের গন্ডির মধ্যেই নিজেদের সীমাবদ্ধ না রেখে, আমাদের পরবর্তী লক্ষ্য, বৈজ্ঞানিক গবেষণার মাধ্যমে দেশ ও দশের সেবায় ব্রতী হওয়া।

সামনে অনেকটা পথ, কোথাও চড়াই তো কোথাও উতরাই। আমি আশা রাখবো, আগামী দিনেও আমাদের পথ চলার সাথী হিসেবে আপনাদের পাবো। এই একতাই আমাদের পথ চলার শক্তি প্রদান করে এসেছে, আজও করছে, ও ভবিষ্যতেও করবে বলে আমি নিশ্চিত।

ধন্যবাদান্তে
পাভেল ঘোষ
সেক্রেটারি
দুর্গাপুর উইংস

দুর্গাপুর
১৬/০৬/২০২১



PAVEL GHOSH

Secretary

Patrons Message



Wildlife commonly refers to all wild undomesticated animals in their natural habitats. Philosophically, it should include all the biotic elements that evolved and flourished as a consequence of evolution. From ecological point of view, it includes every form of life — flora and fauna in their natural habitats. Wildlife embraces all living creatures and implies their conservation (E.P. Gee, 1964). According to Wildlife Society, wildlife includes all wild vertebrates and larger invertebrates important from aesthetic, sporting, utilitarian and nuisance standpoint. According to Wildlife (Protection) Act it includes any animal, bees, butterflies, moths, crustaceans, fish and aquatic and land vegetation which form part of any habitat. The term 'wildlife' is appropriate while dealing with the management control and conservation of wild animal population as a whole as distinct from the purely game animals. India is very rich in biodiversity and India is one of the twelve mega diversity countries and has three hotspot regions. However, most unfortunately there is constant depletion of wildlife in India. Causes of wildlife depletion are: (a) Natural calamities like floods, droughts, fire, epidemics, super cyclone, etc., (b) Unlimited and over exploitation of natural resources for our best possible life, (c) Tremendous explosion of human population which demands development and further need for more food and urbanization, (d) Encroachment of forest for agricultural extension, industry and mining operation, (e) Reckless deforestation for urbanization, cultivation, construction of roads and railway routes, dams and hydroelectric projects resulting in reduction of free movement area and reduction in reproductive potentiality of most wild animals, (f) Hunting, poaching and trading of wild animals for food, recreation, skin, tusk, fur, horn, pharmaceuticals, perfume industries, etc. are also major causes of loss of wildlife all over the world, (g) Pollutions of all kinds adversely affect wildlife, (h) Last but not the least is the lack of proper implementation of existing laws. Now it is our responsibility to protect and preserve the wildlife (particularly the rare species of plants and animals) in their natural habitats. Conservation of wildlife is very much essential and actually it is equated with the proper management of nature. I am very fortunate to be associated with WINGS (Wildlife Information and Nature Guide Society), a Durgapur based NGO, which is soaring high by spreading its wings all over West Bengal. The young volunteers of this organization are doing various excellent jobs with utmost sincerity and enthusiasm for the betterment of Wildlife and our Mother Nature as a whole. Being a part of WINGS since its inception, I have witnessed its burgeoning success and I am confident about its worldwide recognition in near future.

Dr Sudipta Das

Associate Professor & HOD Department of Zoology
Durgapur Govt College
Durgapur, West Bengal

Contact: sudipta91@yahoo.co.in

About WINGS.....



Durgapur Wildlife Information and Nature Guide Society, popularly Durgapur WINGS, was formed out formally on 12th April 2018, and officially registered on 17th July, 2019, by a bunch of enthusiastic youths, in order to channelize efforts for biodiversity conservation in Durgapur and adjacent areas, towards a common achievement goal and also raise the levels of awareness for same. Our services include Wildlife Monitoring and Survey, Ecological Impact Assessment (EIA), development of Wildlife Management Plan (WMP), awareness related to environment and wildlife and citizen science. In 2013, a group of birdwatchers made a group and website namely “Birding Durgapur” to grow interest about birds in this city. Due to increasing citizen involvement, the small web group decided to extend their work zone to whole Paschim Bardhaman district on total biodiversity. As a result, the group renamed “Biodiversity of Paschim Bardhaman” in 2016. In late 2016, some group members begin a “Barrage Cleaning Campaign” to make the Durgapur Barrage pollution free from the cope of irresponsible picnickers and to protect its biodiversity. In 12 April 2018, some participants of the aforesaid campaign, united at Chaturanga Maidan and laid the foundation stone. We are thankful to Dr. Utpal Singha Roy (Asst. Professor, Durgapur Govt. College), Mr. Milan Kanti Mandal (DFO, Durgapur Forest Division), Lt. Subhra Lahiri (Former HOD, HR, NHIT), Lt. Ashit Kumar Ghosh (President, NHIT), Mr. Abhijeet Sett (Lecturer, KG Engineering Institute, Bishnupur), Dr. Sudipta Das (Associate Professor, Durgapur Govt. College), Dr. Moitreyee Chakraborty (Asst. Professor, Durgapur Govt. College) and Amar Kumar Nayak (Asst. Teacher) for always being with us. Durgapur WINGS has been lucky enough to find guidance from personalities like Late Shubhra Lahiri, and late Ashit kumar Ghosh in its days of infancy, thus paving way for formation of a more mature, positive, enthusiastic and democratic organization in the coming days. Within a year of official registration, WINGS has created a deep impact in the biodiversity conservation landscape of Eastern India, with academic reach now extending across West Bengal and across the state borders to Assam and Jharkhand, and also in neighbouring Bangladesh. With the feat of successfully establishing Green Picnic Mission as a statewide movement, in its kitty, WINGS has envisaged greater participation of common citizens in scientific innovations, thus ensuring that, Science does not merely remain confined to a bookish subject, but becomes a practical reality for every citizen of this country. Several constraints have always been hindrance in the successful march of WINGS, but the organisation has evicted all of them with intense of willpower to achieve newer heights and remains committed for accomplishing the same in the coming years!

Research

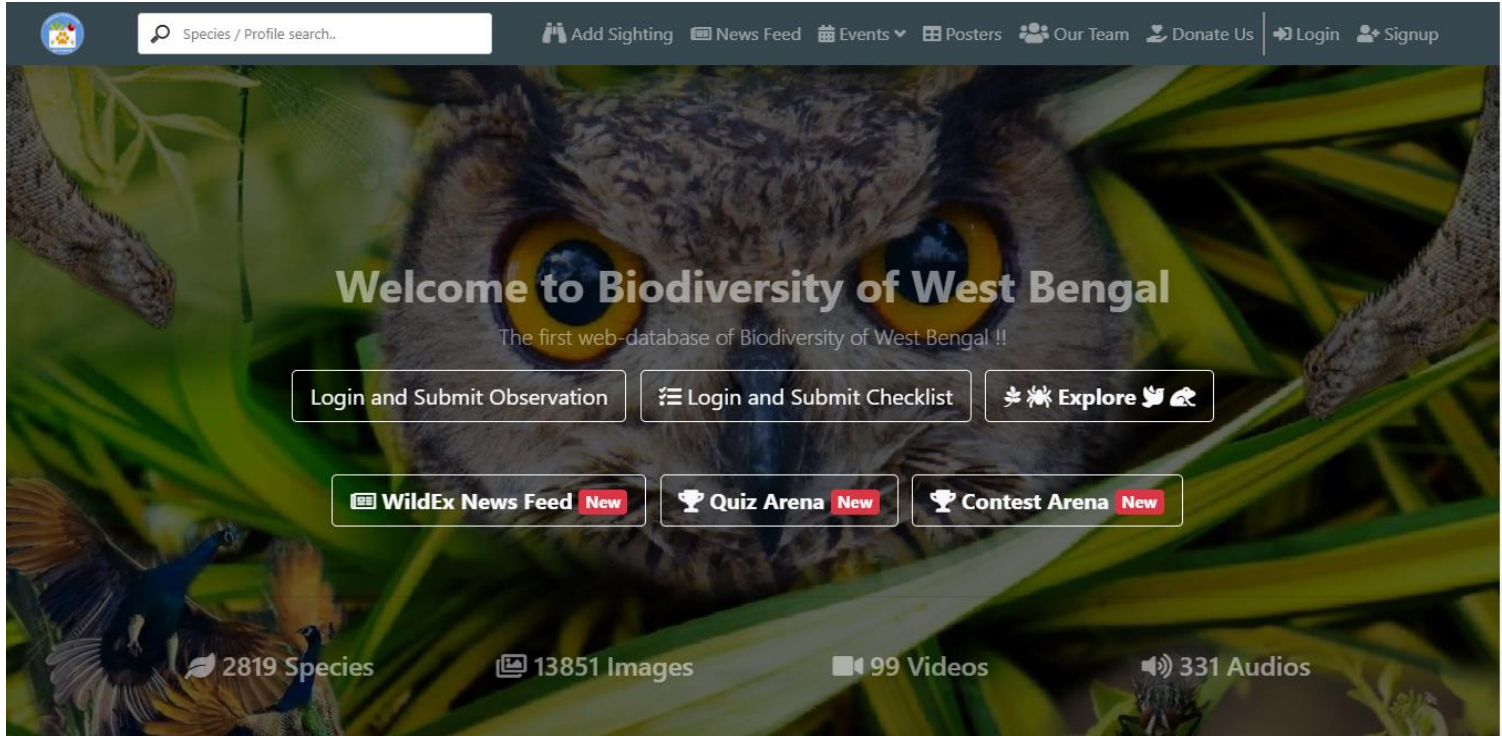


One of the prime focus after creation of this society is to promote research in the field of wildlife and ecology. Our members continually engaged themselves with different kinds of research. Presently we have *five* division:

- Ornithological Research Wing
- Botanical Research Wing
- Entomofaunal Research Wing
- Mammalian-Herpetofaunal Research Wing
- Citizen Outreach and Awareness Wing

If you want to participate in research as volunteer intern with us kindly mail us to wildwingsbengal@gmail.com with your CV and research proposal. Collaborative project proposal is also invited.

Biodiversity of West Bengal



Biodiversity of West Bengal is a web application. Launched in 2019, it is the first-ever initiative to document the incredible biodiversity of West Bengal as a form of web database with audio, video, images, description with local name in different languages, common name, scientific name, IUCN status and WPA status. In addition, seasonal and spatial map of occurrence of different species based on data submitted is also available. There is no such web database in West Bengal which documents all kinds of flora and fauna into a single portal. This database will make the identification of species easier and also enhance the citizen science. People from any part of West Bengal can easily contribute audio, video and images of wildlife around them in the public portal of Biodiversity of West Bengal. Data are also collected from various Facebook groups and websites by taking concerned permission by different admins. In this way, we can know the distribution of each and every species in any corner of West Bengal. Many people understand the importance of this documentation and registered themselves in this platform and started contributing their records. As a result, this database is populated with the records of 2724 species of West Bengal including some of very precious and unique records. At present this web database has 12428 images, 98 videos and 328 audios. There are 57,536 unique viewers from different parts of the world who are accessing this website. The website and all of its observations are citable and can be used for research.

Highlights:

- Name of the project: Biodiversity of West Bengal
- URL: <https://bdwb.wildwingsindia.in>
- Purpose: To build a platform to document incredible biodiversity of West Bengal in a website
- Features: Image, Audio, Video, Map, Threatened status, vernacular name, search options, taxonomy, mobile friendly, nice admin and user interface
- Future perspective: Building collaboration, building description field

Biodiversity of West Bengal



Statistics (01/04/2020-31/3/2021):

Overall statistics	Category	Number of new contribution
	Images	7521
	Video	48
	Audio	160
	Fauna	6873
	Flora	631
	Total Post	7729
Images	Name	Number of image uploaded
	Subhajit Roy	908
	Saumen Pal	404
	Dr. Mriganka Bhanger	376
Videos	Name	Number of video uploaded
	Debabrata Karmakar	12
	Kaustav Khan	8
	Arabinda Pal	7
Audios	Name	Number of audio uploaded
	Shuvendu Das	93
	Arindam Bhui	32
	Sagar Adhurya	2

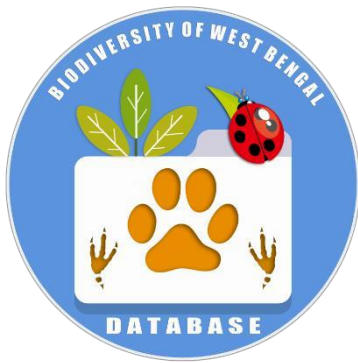
Biodiversity of West Bengal



Admins:

Category	Admins
Arachnida	• Mr. Subhajit Roy • Mr. Arindam Bhuin • Mr. Ayan Mondal
Birds	• Mr. Sagar Adhurya • Mr. Shuvendu Das • Mr. Sankha Misra • Dr. Chiranjib Dutta
Odonata	• Mr. Amar Kumar Nayak • Mr. Subhajit Roy • Mr. Prosenjit Dawn • Mr. Shuvendu Das • Mr. Aaratrik Pal
Fungi	• Mr. Pinaki Chattopadhyay
General Invertebrates	• Mr. Subhajit Roy • Mr. Arindam Bhuin
Herpetofauna	• Mr. Debayan Gayen
Lepidoptera	• Mr. Subhajit Roy • Miss. Somapika Seal • Miss. Beas Chakraborty • Mr. Arjan Basu Roy
Mammals	• Mr. Debayan Gayen • Mr. Paromit Chatterjee
Mollusc	• Mr. Sk Sajan
Plants	• Miss. Chandrani Ghosh • Mr. Bubai Bera • Mr. Pavel Ghosh • Miss. Poulami Sengupta
Ray-finned Fishes	• Mr. Rakesh Singha Dev

Want to volunteer as admin? Mail us to bdwb@wildwingsindia.in



Search: [Search Bar]

Home Add Sighting New Updates Our Team Donate Us Report Login Signup

Animalia > Chordata > Vertebrata > Aves > Passeriformes > Passeridae > Passer domesticus

Scientific Name: *Passer domesticus* (Linnaeus, 1758)
Common Name: House Sparrow

Local Name: Chhorui (Bangla) **IUCN threatened Category:** Least Concern [LC]

WPA (India) Schedule: Schedule-IV **Natureserve Global Conservation Status:**

<https://biodiversityofwestbengal.wildwingindia.in/describe>

Image (42) Video (3) Audio (7) Map Description

Sort by District

Adult female Juvenile male Adult Male

Search Result

1. Ashy-crowned Sparrow Lark / Ashy-crowned Finch Lark (*Eremophila griseus*)

2. Yellow-throated Sparrow/Chestnut-shouldered Petronia (*Gymnoris xanthocollis*)

3. House Sparrow (*Passer domesticus*)

4. Russet Sparrow/ Cinnamon Tree Sparrow/ Cinnamon Sparrow (*Passer cinnamomeus*)

Common Wolf (*Canis lupus*)
 Northern Wolf Snake/Banded Wolf Snake (*Lycodon striatus*)
 Indian Krait/Common Krait/Blue Krait (*Bungarus caeruleus*)

Press F11 to exit full screen

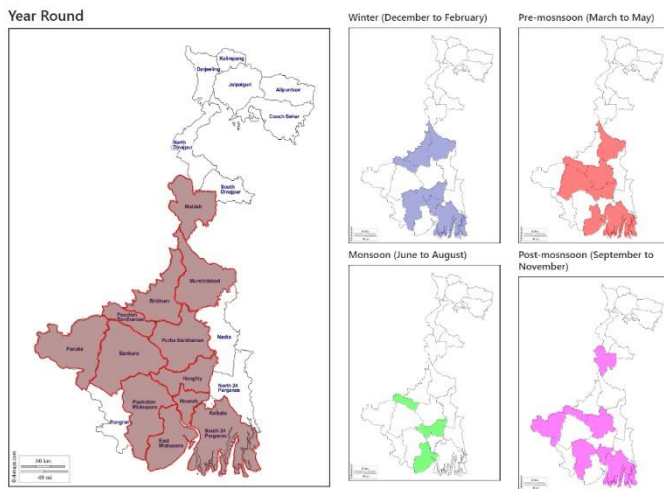
Welcome to Biodiversity of West Bengal
 the first web database of Biodiversity of West Bengal !!

Login and Submit Observation Explore

2051 Species 7184 Images 72 Videos 313 Audios

Maps are generated from the records in this website

***if the map is not loaded properly please reload the page



Phylum: Arthropoda

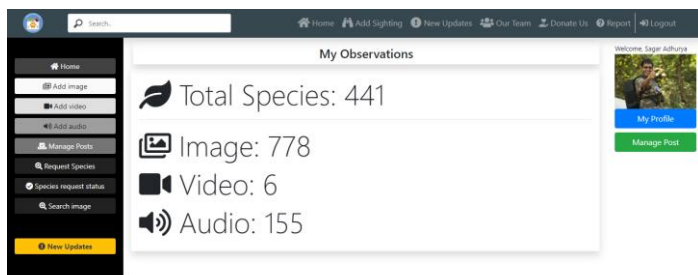
Animalia > Arthropoda

Chelicerata
 Spiders, Crabs, Scorpions and allies
 View details +

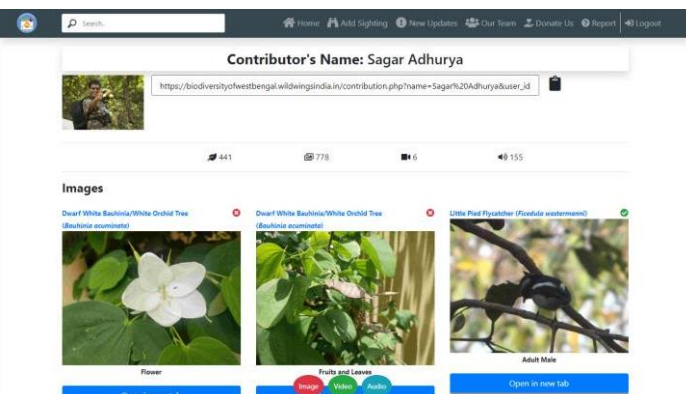
Crustacea
 Crustaceans
 View details +

Hexapoda
 Arthropod with 6 legs
 View details +

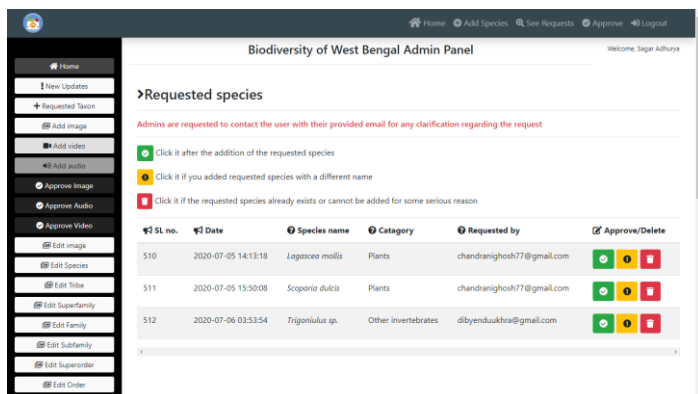
Myriapoda
 Myriapods
 View details +



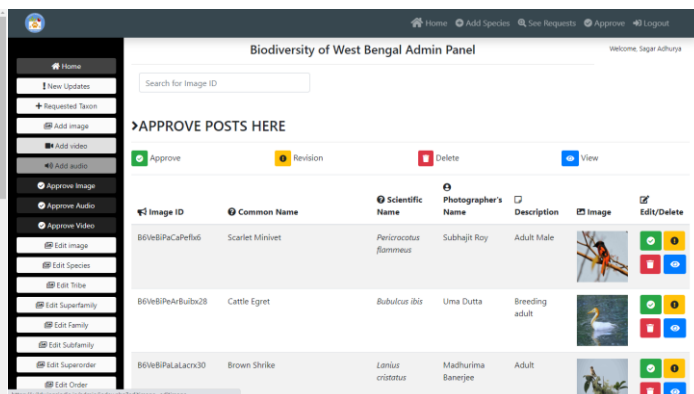
Nice user interface



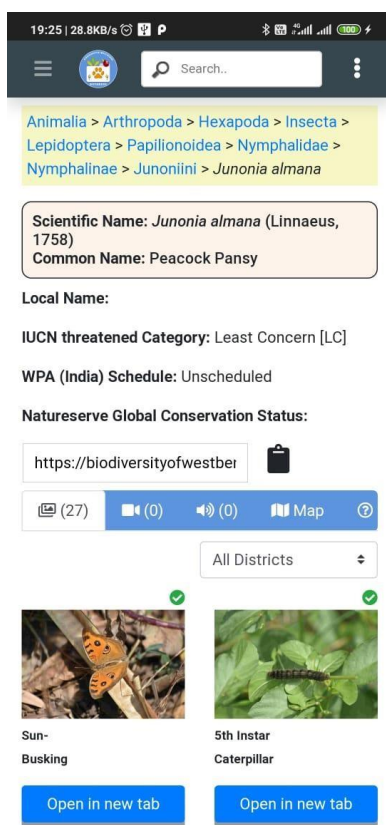
Maintain your all sighting under your profile



Back-in-back admin interface



Every posts passed through peer review by admins



Mobile friendly-responsive pages

Event under Biodiversity of West Bengal

- ▶ Lockdown Biodiversity Contest I & II
- ▶ Listen to the Croaks
- ▶ National Moth Week 2020 (West Bengal)
- ▶ Big Butterfly Month India 2020
- ▶ 1st Dragonfly Week: West Bengal 2020
- ▶ Puja Moth Watch 2020

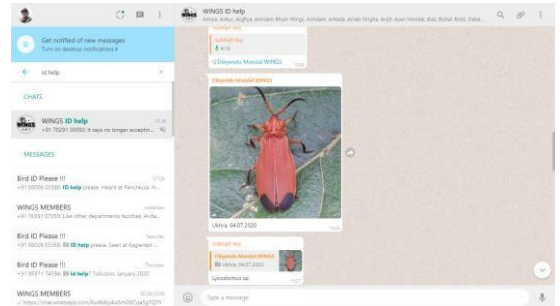
Citizen Science Program



Social media has now become an important platform for biodiversity documentation and species identification. It facilitates many organizations to maintain the records of biodiversity with just a few clicks. Additionally, it helps many new comers to get a hold upon the field and to build their knowledge. WINGS presently has 3 Facebook groups and 1 WhatsApp group to facilitate biodiversity documentation and species identification. There are given below:

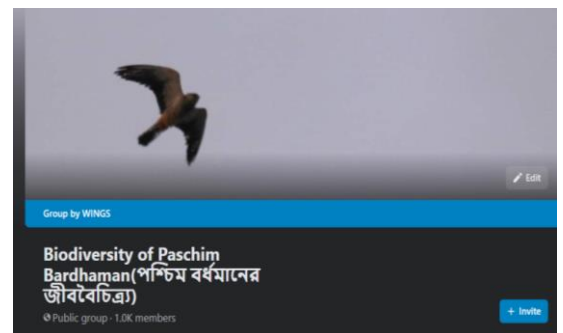
WINGS Id help -WhatsApp group
(<https://chat.whatsapp.com/KuWdzY4wSrhd8CqaSgTQ7Y>)

Identification of different species



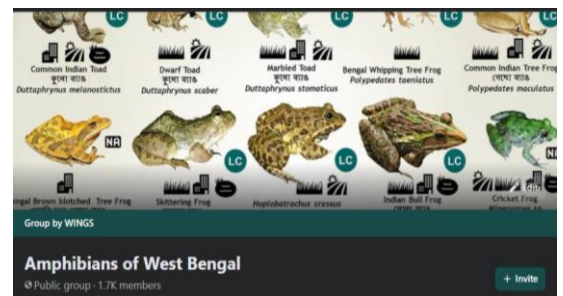
Biodiversity of Paschim Bardhaman-
Facebook group
(<https://www.facebook.com/groups/wildwestbardhaman/>)

Documentation of flora and fauna in Paschim Bardhaman district



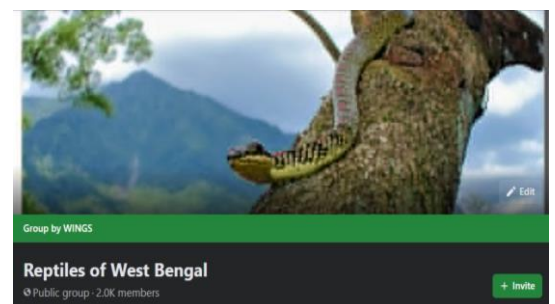
Amphibians of West Bengal
(<https://www.facebook.com/groups/amphibiawb/>)

Documentation of Amphibia in West Bengal



Reptiles of West Bengal
(<https://www.facebook.com/groups/reptileswb/>)

Documentation of Reptiles in West Bengal



Citizen Science Program

Amphibians of West Bengal:

ANURANS OF SOUTH BENGAL

AMPHIBIANS OF WEST BENGAL CITIZEN SCIENCE PROJECT

an initiative of

DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY (WINGS)

Website: <https://bdwb.wildwingsindia.in> | Facebook: <https://www.facebook.com/groups/amphibianwb>

 LC Common Indian Toad কুনো ব্যাঙ <i>Duttaphrynus melanostictus</i>	 LC Dwarf Toad কুনো ব্যাঙ <i>Duttaphrynus scaber</i>	 LC Marbled Toad কুনো ব্যাঙ <i>Duttaphrynus stomaticus</i>	 LC Bengal Whipping Tree Frog <i>Polypedates taeniatus</i>	 LC Common Indian Tree Frog গেছো ব্যাঙ <i>Polypedates maculatus</i>
 NA Bengal Brown blotched Tree Frog থয়েরি দাগ গেছো ব্যাঙ <i>Polypedates bengalensis</i>	 LC Skittering Frog চুবচুরে ব্যাঙ <i>Euphlyctis cyanophlyctis</i>	 LC <i>Hoplobatrachus crassus</i> কোলা ব্যাঙ Jerdon's Bull Frog	 LC Indian Bull Frog সোলা ব্যাঙ <i>Hoplobatrachus tigerinus</i>	 NA Cricket Frog <i>Minervarya sp</i>
 LC Yellow Striped frog দালা ব্যাঙ <i>Hylarana tytleri</i>	 LC Variegated Globular Frog হলদে ফুটকিমুক্ত থয়েরি কোলা ব্যাঙ <i>Uperodon variegatus</i>	 LC Painted Globular Frog ভেঁসু ব্যাঙ <i>Uperodon taprobanicus</i>	 NA Narrow Mouthed Frog ছোট ব্যাঙ <i>Microhyla sp</i>	 LC Globular Frog কোলা ব্যাঙ <i>Uperodon globulosus</i>

IMAGE CREDIT

Dr. Kaushik Deuti (*Polypedates taeniatus*), Kingshuk Mondal (*Polypedates bengalensis*), Koushik Mondal (*Hoplobatrachus crassus*), Sagar Adhurya (*Hoplobatrachus tigerinus*), Debayan Gayen (rest images)

DESIGN: Debayan Gayen, Chayan Majumdar, Sagar Adhurya
© Durgapur Wildlife Information and Nature Guide Society (WINGS)

IUCN STATUS

LC Least Concerned

NA Not Applicable / Not Assessed

HABITATS

 Agricultural field

 Human Habitation

 Grasslands with temporal water pool

 Aquatic (Ponds, rivers, tanks)

Get more posters like this at

<https://biodiversityofwestbengal.wildwingsindia.in/posters.php>

Events

In the wake of CoVID 19 pandemic, to curb the spread of virus, WINGS focused upon organising virtual events through Social Media platforms in order to maintain the spontaneity of the activities and keep spreading the message of a sustainable environment. The Events are as follows:

Lockdown Talks

During the lockdown period due to COVID 19 pandemic, Durgapur Wildlife Information and Nature Guide Society (WINGS) had organised 18 webinar series from 26th April to 19th May named "Lockdown Talks" mainly to make people stay at home and learn something by utilising their time. The webinar sessions are as follows:

Lockdown Talks Presented by  5-10 May, 2020 Find us at www.facebook.com/wingsbengal www.wildwingsindia.in Stay Home Stay Safe Contact: Debayan : 7319309141 Sagar : 8918856924			
	Caecilians of India With Dr. Varad Giri 5th May at 7 PM On Facebook live	Diversity and Natural History of Lizards of West Bengal With Dr. Kaushik Deuti 6th May at 7 PM On Zoom Cloud Meetings	Basics of Butterflies With Beas Chakraborty 7th May at 7 PM On Facebook live
			
	Inside the Mysterious Magroves: Flora of Sundarban With Pavel Ghosh 8th May at 7 PM On Facebook live	Turtle Talk: Freshwater Turtles and Tortoises of West Bengal With Anirban Chaudhuri 9th May at 7.30 PM On Facebook live	A bit of "monkey-business": Primates, Primatology and Beyond With Dr. Arijit Pal 10th May at 4 PM On Facebook live

Session 1(26.4.20): Basics of Frog watching by Debayan Gayen (Amphibian Research Wing, WINGS)

Session 2(1.5.20): Basics of Wildlife Photography by Mr. Pushkar Basu (eminent Wildlife Photographer)

Lockdown Talks (contd.)

Session 4(4.5.20): Basics of Bird Watching by Sagar Adhurya (President and Avian Research Wing, WINGS)

Session 5(5.5.20): Caecilians of India by Dr. Varad Giri (Director, Foundation of Biodiversity Conservation)

Session 6 (6.5.20): Diversity and Natural History of Lizards of West Bengal by Dr. Kaushik Deuti (Scientist, Herpetology division, Zoological Survey of India)

Session 7(7.5.20): Basics of Butterflies by Beas Chakraborty (Butterfly expert)

Session 8(8.5.20): Inside the Mysterious mangroves- Flora of Sundarbans by Pavel Ghosh (Secretary, WINGS)

Session 9(9.5.20): Turtle Talk- Freshwater Turtles and Tortoises of West Bengal by Anirban Chaudhuri (Wildlife Conservation Society- India)

Session 10(10.5.20): A bit of Monkey Business- Primate, Primatology and beyond by Dr. Arijit Pal (National Institute of Advanced Studies)

Session 11(11.5.20): Sundarbans- A sneak peek into the acute problems of Bonobibi's own country by Mantu Hait (Advocate and Environmental activist)

Lockdown Talks (contd.)

Session 12(12.5.20): Serpentine Tales- Snake and Snake bites by Vishal Santra (Society for Nature Conservation, Research and Community Engagement)

Session 13(13.5.20): Tackling Ritualistic Hunting in South Bengal by Meghna Banerjee, Suvrajyoti Chatterjee and Arkar Sarkar (Human & Environment Alliance League)

Session 14(14.5.20): Arachnids with special emphasis on lesser Arachnids by Ayan Mondal & Debomay Chanda (Eminent arachnid specialists)

Session 15(15.5.20): Dragon Tales- Introduction to Odonates by Prasenjit Dawn (eminent Odonate expert)

Session 16(16.5.20): The Burning Issue: Human Elephant Conflict in West Bengal by Shyama Prasad Pandey (Secretary, SPOAR)

Session 17(17.5.20): Natural History and Conservation of the Fishing Cat by Tiasa Adhya (Fishing Cat Working Group)

Session 18(19.5.20): The Land of Tigers- A glance at its Past, Present and Future by Aakash Bhushan (WWF- India)

Lockdown Biodiversity Contest

Amidst the COVID 19 lockdown, we organised two online contests via our own developed platform Biodiversity of West Bengal (<https://bdwb.wildwingsindia.in>). The aim of the contests was to gather data in the form of images, audios and videos of different species for the portal. The first contest was organised between 19 April to 3 May 2020. The second contest was organised between 20-30 June 2020. There was prize for maximum number of observations in six categories: overall, plants, vertebrates, invertebrates, videos and audios.

Category	LBC-I	LBC-II
Most observations	Arabinda Pal	Shuvendu Das
Most Vertebrates	Arabinda Pal	Shuvendu Das
Most Invertebrates	Subhajit Roy	Somapika Seal
Most Plants	Subhajit Roy	Madhurima Bannerjee
Most Videos	Debabrata Karmakar	Saikat Adhurya
Most Audios	-	Shuvendu Das

Subject	LBC-I	LBC-II
Total Observations	982	900
Species	614	445
Observers	38	32
District	28	24

LBC-I				LBC-II			
Most observed species	Count	Top District	Count	Most observed species	Count	Top District	Count
<i>Dinopium benghalense</i>	10	Paschim Medinipur	195	<i>Papilio demoleus</i>	16	South 24 Paragans	309
<i>Ciconia episcopus</i>	9	Paschim Bardhaman	162	<i>Copsychus saularis</i>	15	Paschim Bardhaman	258
<i>Polyura bharata</i>	8	South 24 Paraganas	123	<i>Papilio polytes</i>	14	Purba Bardhaman	114

National level e-Poster Competition

A National level e-poster competition was organised on the occasion of World Environment Day 2020 jointly by Internal Quality Assurance Cell (IQAC) and P.G. Department of Conservation Biology, Durgapur Government College and Durgapur Wildlife Information & Nature Guide Society (WINGS) to create awareness among the students regarding their surrounding biodiversity and environment.

Title: March towards better future with clean environment

Date: 5-10 June 2020

The poster competition was divided into three sub-themes- Urban Biodiversity, Backyard Biodiversity and Pollution. Nearly 60 posters from students/researchers of different parts of India took part in this competition.

Patron

Dr. Purushottam Pramanik, Principal, Durgapur Government College

Vice Patron

Dr. Sanjoy Kr. Roy, Co-ordinator, IQAC, Durgapur Government College & Associate Professor, Department of Commerce

Dr. Debnath Palit, Associate Professor & Head, Department of Botany

Convener

Dr. Moitreyee Chakrabarty, Assistant Professor & Head, P.G. Department of Conservation Biology

Organizing Secretaries

Dr. Sandip Majumder, Assistant Professor, P.G. Department of Conservation Biology

Mr. Sagar Adhurya, President, Durgapur WINGS

Members

Dr. Tapajit Bhattacharya, Assistant Professor, P.G. Department of Conservation Biology

Ms. Nazma Khatun, Assistant Professor, P.G. Department of Conservation Biology

Dr. Rajib Biswas, Assistant Professor, P.G. Department of Conservation Biology

Dr. Alope Kumar Mukherjee, Part-Time Teacher, P.G. Department of Conservation Biology

Mr. Sanghamitra Sanyal, Part-Time Teacher, P.G. Department of Conservation Biology

Mr. Pavel Ghosh, Secretary, Durgapur WINGS

Mr. Debayan Gayen, Campaign Coordinator, Durgapur WINGS



National Level e-poster competition in COVID-19 lockdown:

"March towards better future with clean environment"

on the occasion of

World Environment Day Celebration 2020



Jointly Organized by
Internal Quality Assurance Cell (IQAC) and
P.G. Department of Conservation
Biology, Durgapur Government College
and
Durgapur Wildlife Information & Nature
Guide Society (WINGS)

National Advisory Board

Professor (Dr.) Dandadhar Sarma, Department of Zoology, Guwahati University, Assam

Professor (Dr.) Santanu Ray, Department of Zoology, Visva-Bharati University

Professor (Dr.) Rajnarayan Saha, Department of Chemistry, NIT Durgapur

Dr. Surjya Kumar Saikia, Department of Zoology, Visva-Bharati University

Dr. Utpal Singha Roy, Department of Zoology, P R Thakur Govt. College & Advisory Board Member, Durgapur WINGS

Institutional Advisory Board

Dr. Tuhin Ghosh, Secretary, Teachers' Council & Assistant Professor, Department of Chemistry

Dr. Priyabrata Bhattacharya, Associate Professor & Head, Department of Chemistry

Dr. Nivedita Acharyee, Assistant Professor, Department of Chemistry

Dr. Sudipta Das, Associate Professor & Head, Department of Zoology & Advisory Board Member, Durgapur WINGS

Dr. Kuntal Bhattacharya, Assistant Professor, Department of Zoology

Smt. Moutushi Sen, Assistant Professor, Department of Botany

We take immense pleasure in inviting you to the National level e-poster competition in COVID-19 lockdown period on the theme *"March towards better future with clean environment"*. The aim of this competition is to promote the exploration of biodiversity from grass root level, to understand biodiversity of our surrounding (from local to regional scale) and also to encourage the young minds. Secondly, the goal of this event also to understand the changes in urban biodiversity with changing habitat pattern in urban landscape. Pollution is also a major concern to us and our surrounding biodiversity. Since nature is all of us, so we all have to join our hand to protect it and to find a sustainable way of living.

About Durgapur Government College

Instituted in 1969, the college towers as the only Government college in the entire district of Paschim Bardhaman. Throughout the glorious 50 years, eminent scholars have taught here and the college has produced brilliant scholars employed in reputed institutions. It offers UG courses in 14 subjects and PG courses in 3 science subjects. The campus itself is a rich treasure-trove of flora and fauna.

About Durgapur WINGS

Established in 2019, full form of the organisation is Durgapur Wildlife Information and Nature Guide Society. As the name implies, the organisation working towards documentation & spreading information about wildlife and guiding the citizen towards a greener sustainable future. In brief the society is involved with the following activities: research, awareness and citizen science based activities on wildlife and environment. For more details visit: www.wildwingsindia.in.

Rules & Regulations:

- The poster competition is mainly focused to influence/encourage students, researchers, freelancers & faculties of different subjects to the field of ecology, wildlife and environmental science.
- There is NO age limitation to participate.
- There is NO registration fees.
- Participant must be an Indian citizen.
- The study area may be any place in India.
- As per general convention of scientific poster preparation, it is recommended to prepare the poster with heads like Title, Author's name and affiliation, Introduction, Methods, Results, Discussion etc.
- The size shall be 135 cm (width) x 110 cm (length). The poster must be converted to PDF for submission.
- Participants shall fill up the Google form for registration and have to email the poster to wildwingsbengal@gmail.com with subject of the mail "e-poster competition" on or before 10th June, 2020, 23:59:59
- Participant may send audio/video file of about 4 minutes regarding explanation of the poster submitted.
- The best three posters will be posted on our page www.facebook.in/wingsbengal and will be awarded with exciting prizes. Decision of the jury will be final regarding the results.
- All participants will receive e-certificate of participation.

Subthemes:

- Urban Biodiversity
- Backyard Biodiversity
- Pollution

Registration link:

<https://tinyurl.com/y8xup3bj>

Registration and Submission

5-10 June, 2020

Contact:

Dr. Tapajit Bhattacharya

tapajit@gmail.com

+91 9555214632

Mr. Debayan Gayen

debayangayen123@gmail.com

+91 7319309141

***All posters will be available in a poster book after completion of the event and the participants will be notified accordingly

National level e-poster Competition

Results:

Subtheme: Urban Biodiversity

1st: UB18- *Santragachi Jheel: A Threatened Urban Lake And Its Diminishing Migratory Bird Population* by Surajit Dawn, Iptishamun Nesha, Susweta Bera and Prosenjit Dawn (University of Calcutta)

2nd: UB12- *Diversity, Threat Assessment and Possible Conservation Strategies of The Anurans From An Urban Landscape Of Paschim Bardhaman* by Saurav Dey and Debayan Gayen (Durgapur Wildlife Information And Nature Guide Society)

3rd: UB07- *Rediscovery and Ex-Situ Conservation of Extinct Plant Pavonia arabica var. massuriensis from Jodhpur City, Rajasthan* by Chandan Singh Purohit (Botanical Survey of India)

Subtheme: Backyard Biodiversity

1st: BB14- *Backyard Diversity: A Small Step Towards Conservation, A Big Leap Towards Sustainability* by Sanchari Sarkar and Moitreyee Chakraborty (PG Department of Conservation Biology, Durgapur Government College)

2nd: BB06- *Diversity Of Spider Fauna In Backyard Rice Agroecosystem* by Sumana Saha, Ampita Bhadra and Dinendra Raychaudhuri (PG Department of Zoology, Barasat Government College)

3rd: BB03- *Human-Elephant Conflict-A Case Study In Human Dominated Landscapes Of South Bengal* by Ayan Khanra, Pranabesh Ghosh and Subho Ghosh (Department of Zoology, Midnapore College)

National level e-Poster Competition (contd.)



Subtheme: Pollution

1st: PO04- *Pollution- The Burning Nightmare To Faunal Diversity (Assessment Study)* by Bratati Dutta and Mandira Ghosh (University of Calcutta)

2nd: PO05- *Anthropogenic Impact on Water Quality and Planktonic Ecology in Indian Sundarban Megadelta: Urgent Need for Sustainable Management* by Dibyendu Rakshit (University of Calcutta)

3rd: PO10- *Effect Of Idol Immersion Activities During Bishwakarma Puja And Kali Puja On Physicochemical Conditions Of Water Bodies Of Durgapur Industrial Area, Durgapur, West Bengal* by Pallabi Maity, Sanchari Sarkar, Tapajit Bhattacharya, Sanghamitra Sanyal and Alope Mukherjee (PG Department of Conservation Biology, Durgapur Government College)

3rd: PO13- *Assessment Of Water Pollution From Selected Water Bodies Of Durgapur Industrial Belt* by Sharmila Soren, Sanchari Sarkar and Moitreyee Chakraborty (PG Department of Conservation Biology, Durgapur Government College)

Blooming Bud Award: UB04- *SNCW- A Safe Heaven For Birds, Butterflies And Odonates* by Chandrani Das and Soma Aditya Bandyopadhyay (Sarojini Naidu College For Women)

More at: <https://wildwingsindia.in/eposter.php>

Listen to the Croaks:



Amphibians are one of the least studied taxa in West Bengal. To know more about them and to engage citizens to document these beautiful creatures, Durgapur Wildlife Information and Nature Guide Society (WINGS) and Amphibians of West Bengal facebook group had launched an initiative named "Listen to the Croaks".



"Listen to the Croaks"

(June 20 to July 31, 2020)



Why should we do this?

Frogs and toads are important creatures of our ecosystem and for us as well. These are one least studied creatures. They are facing the risk of extinction for our various activities. So this initiative is to know and document the frogs and toads of various areas of West Bengal.

What you have to do?

- Just record the calls or take photos of frogs and toads from your locality with your smart phone.
- Send those calls or photos between June 20 to July 31 to 7031490599 (Whatsapp). We will try to identify the species for you. Keep the list.
- After identification post your observations to amphibians of West Bengal group and Biodiversity of West Bengal database. Submit the list at the end of the competition.

Rules and prizes

- Post from only from South Bengal (including Murshidabad).
- Person with maximum number of documented species between the aforesaid period will be awarded with exciting prizes.



Prizes:

1. Certificate for all the participants.
2. Exciting gift for the person with the maximum number of posts and most number of species.

Powered by Durgapur Wildlife Information and Nature Guide Society (WINGS) and Amphibians of West Bengal Group

Listen to the Croaks (contd.) :



16 participants participated in this initiative and uploaded nearly 100 photos and call recordings of various Amphibians from different parts of West Bengal. 15 participants from South Bengal documented 16 anuran species and 2 participants from North Bengal uploaded records of 8 species from the respective parts of the state.

Results:

Participant with most number of Posts- Sankha Mishra from Paschim Bardhaman

Participant with most number of Species- Chandrani Ghosh from Paschim Bardhaman

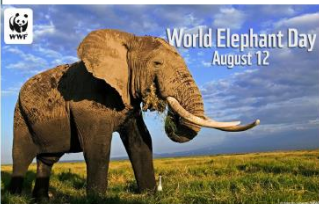
Some priced observation made during this initiative...

1. *Kaloula assamensis* from Darjeeling by Ritwik Biswas
2. Call of *Polypedates bengalensis* by Jayanta Choudhury
3. *Hylarana tytleri* from Durgapur for the 3rd time

State level Awareness programme and e-Poster competition on Elephants:



An Awareness programme on the worsening plight of Asian and African Elephants was organised on the occasion of World Elephant Day 2020 jointly by Internal Quality Assurance Cell (IQAC) and Department of Zoology, Gushkara Mahavidyalaya and Durgapur Wildlife Information & Nature Guide Society (WINGS) to create awareness among the students regarding the importance and conservation of elephants.

Patron Dr. Swapan Kumar Pan, Principal, Gushkara Mahavidyalaya Vice Patron Prof. Taraknath Datta, Co-Ordinator, IQAC, Gushkara Mahavidyalaya, Department of Commerce Convener Dr. Sukhendu Roy, Assistant Professor, Department of Zoology, Gushkara Mahavidyalaya Joint Convener Dr. Saurabh Sarkar, Assistant Professor, Department of Zoology, Gushkara Mahavidyalaya Dr. Nabyendu Rakshit, SACT-I, Department of Zoology, Gushkara Mahavidyalaya Members Miss. Poulomi Roy, SACT-I, Department of Zoology, Gushkara Mahavidyalaya Mrs. Aparnita Nandi Roy, SACT-II, Department of Zoology, Gushkara Mahavidyalaya Sri Brojendra Nath Adhikari, Gushkara Mahavidyalaya	 <i>"Awareness Programme on the Worsening Plight of Asian and African elephants"</i> Theme: Conservation of Asian/African Elephants  on the occasion of World Elephant Day 2020 Jointly Organized by Internal Quality Assurance Cell (IQAC) and Department of Zoology, Gushkara Mahavidyalaya and Durgapur Wildlife Information & Nature Guide Society (WINGS)	We take immense pleasure in inviting you to the Awareness Campaign and National level e-poster competition on the theme <i>"Conservation of Asian or African Elephant"</i> to celebrate the World Elephant Day 2020. The main aim of this initiative is to promote the conservation of these beautiful creatures. Secondly, the goal of this event is also to encourage the young minds to think about the elephants and make sure that they live in a peaceful environment in the near future. Since nature is for all of us, so we all have to join our hand to protect it and to find a sustainable way of living. About Gushkara Mahavidyalaya Gushkara Mahavidyalaya is affiliated to the University of Burdwan. It was founded on the 9th August, 1965. The college offers undergraduate course in Arts, Science and Commerce. At present, there is provision for teaching sixteen subjects out of which fourteen are at the Honours level and the rest are at the level of General Course. Bringing the fruits of higher education to an agrarian belt has been the primary aim of the college since its inception. About Durgapur WINGS Established in 2019, full form of the organisation is Durgapur Wildlife Information and Nature Guide Society. As the name implies, the organisation working towards documentation & spreading information about wildlife and guiding the citizen towards a greener sustainable future. In brief the society is involved with the following activities: research, awareness and citizen science based activities on wildlife and environment.
Rules & Regulations: - The poster competition aims to encourage students of different field/subjects. - There is NO age limitation. - There is NO registration fees. - Participant must be Indian citizen. - As per general convention of scientific poster preparation, it is recommended to prepare the poster with heads like Title, Author's name and affiliation, Introduction, Methods, Results, Discussion etc. - The size shall be 135 cm (width) x 110 cm (length). The poster must be converted to PDF for submission. - Participants shall fill up the Google form for registration and have to email the poster to zoogushkara@gmail.com with subject of the mail "e-poster competition" on or before 10th August, 2020 23:59:59 IST. - The students who are unable to use any laptop or mobile, they can use plain paper for preparation of poster and after it must be converted into the scanned PDF with better resolution for submission. - The best two posters will be selected and awarded with prizes on that day. Decision of the jury will be final regarding the results. - All e-posters will be launched in a book format on that day. - All participants will receive e-certificate of participation.	Theme of e-Poster: Conservation of Asian/ African Elephants 	Registration link: https://sites.google.com/view/gmzoology/events/world-elephant-day The e-posters should be sent to zoogushkara@gmail.com on or before 10th August 23:59:59 IST Contact: Dr. Sukhendu Roy +91 9563244255 Dr. Nabyendu Rakshit +91 9547974481 ***All poster will be available as a poster book after completion of the event and the participants will be notified accordingly

State level Awareness programme and e-Poster competition on Elephants (Contd.):



Title: Conservation of Asian/ African Elephants

Date: 12 August 2020

The Awareness programme was divided into two sections- one is the poster competition on the Conservation of Elephants for the students and another is a webinar on the Elephants of West Bengal.

Poster Competition:

Nearly 51 posters from students of different colleges of West Bengal took part in this competition.

Results:

1st: *Conservation of African and Asian Elephants* by Suchandrima Sadhukhan (Department of Zoology, Jogmaya Devi College)

2nd: *Conservation of Asian/ African Elephants* by Raj Ghosh (National Sports University)

3rd: *Save the Elephants* by Debjit Bhattacharya (Department of Zoology, Gushkara Mahavidyalaya)

Webinar:

A documentary on the Elephants of West Bengal was shown to the students by Society for Protecting Ophiofauna and Animal Rights (SPOAR).

NATIONAL MOTH WEEK 2020



It was an unique event since this was the first time a Mothing event was organised in Throughout West Bengal. A mothing Event conducted in the run up to Citizen science Project which is underway, taught participants about the variety of moth species in West Bengal .It was a very unique event since this was the first time a Mothing event was organised in Throughout West Bengal. A mothing Event conducted in the run up to Citizen science Project which is underway, taught participants about the variety of moth species in West Bengal National Moth Week celebrates the beauty, life cycles, and habitats of moths. “Moth-ers” of all ages and abilities are encouraged to learn about, observe, and document moths in their backyards, parks, and neighborhoods. National Moth Week is being held, worldwide, during the last full week of July.



NATIONAL MOTH WEEK 2020

Event highlights:

Date: 20-26 july2020

Place: West Bengal

- Collaborator: Green Plateau
- Total observation:502
- Number of species recorded: 209

Top observer	Most Species	Most observed species	Top district
Subhajit Roy (86)	Subhajit Roy (73)	Asota caricae (16)	Paschim Bardhaman (220)
Saikat Adhurya (68)	Saikat Adhurya (58)	Eudocima maternal (13)	Bankura (90)
Debdeep Pramanik (52)	Sagar Adhurya (41)	Cleora sp. (9)	South 24 Paragans (57)

- Top life cycle contributed- Saumen Paul

Special thanks - Anik Karmakar

State level online Quiz competition

A State level online quiz competition was organised jointly by Internal Quality Assurance Cell (IQAC) and Department of Zoology, Krishna Chandra College and Durgapur Wildlife Information & Nature Guide Society (WINGS) to create awareness among the students regarding the wildlife of Indian Subcontinent.



Title: Wildlife of India

Date: 5-6 September 2020

The quiz competition was divided into two categories- one for the Undergraduate students and another for the Postgraduate students.

Nearly 235 groups consisting of two students from different colleges of West Bengal registered for the quiz competition. Top 20 groups of Undergraduate students and top 20 groups of Postgraduate students were selected after two selection rounds.

State level online Quiz competition (contd.)



Patron

Mr. Naresh Chandra Bauri, President, Governing Body,
Krishna Chandra College

Vice-Patron

Dr. Goutam Chatterjee, Principal, Krishna Chandra College

Convener

Dr. Joyita Mukherjee, Head of the Department, Department
of Zoology, Krishna Chandra College

Organizing Secretaries

Dr. Pallav Jyoti Pal, Coordinator, IQAC, Krishna Chandra
College

Mr. Debayan Gayen, Vice-President, Durgapur Wildlife
Information and Nature Guide Society (WINGS)

Organizing Team

Dr. Salma Khatun, Faculty, Department of Zoology, Krishna
Chandra College

Mr. Sanjay K Chakrabarty, Faculty, Department of Zoology,
Krishna Chandra College

Ms. Purnapama Ghosh, Faculty, Department of Zoology,
Krishna Chandra College

Mr. Sagar Adhurya, President, Durgapur Wildlife Infor-
mation and Nature Guide Society (WINGS)

Mr. Pavel Ghosh, Secretary, Durgapur Wildlife Information
and Nature Guide Society (WINGS)

Mr. Rahul Mallick, Treasurer, Durgapur Wildlife Infor-
mation and Nature Guide Society (WINGS)



State Level Quiz Competition

Theme: Wildlife of India



Jointly Organized by
Internal Quality Assurance Cell (IQAC) and
Department of Zoology, Krishna Chandra
College
and
Durgapur Wildlife Information & Nature
Guide Society (WINGS)

We take immense pleasure in inviting you to the State Level Quiz Competition on "Wildlife of India" for Undergraduate and Post Graduate students. The main aim of this initiative is to promote the conservation of these beautiful creatures. Secondly, the goal of this event is also to encourage the young minds to think about the wildlife and make sure that they live in a peaceful environment in the near future. Since nature is for all of us, so we all have to join our hands to protect them and to find a sustainable way of living.

About Krishna Chandra College

Krishna Chandra College was established in 1897 in the heart of Hetampur village in the Birbhum district of West Bengal. It is the oldest college of the district to create an atmosphere of learning and pedagogy for the first time in this area. Since the early sixties, the college began to offer Honours courses, one after another, and now it has 15 Departments in Arts, Science and Commerce streams. Hence, propounding the idea of an all inclusive and comprehensive notion of education without compromising with the quality remain an important vision of the college since its inception.

About Durgapur WINGS

Established in 2019, full form of the organisation is Durgapur Wildlife Information and Nature Guide Society. As the name implies, the organisation working towards documentation & spreading information about wildlife and guiding the citizen towards a greener sustainable future. In brief the society is involved with the following activities: research, awareness and citizen science based activities on wildlife and environment.

Rules & Regulations:

- The quiz competition aims to encourage undergraduate and post graduate students of different field/subjects and to promote awareness for the conservation of Indian wildlife.
- This competition is only for undergraduate and postgraduate students of different colleges/ institutions of West Bengal.
- There is NO REGISTRATION FEES.
- The quiz competition is divided into two groups- one for UG students and the other for PG students.
- Each team will comprise of two students of the same category (both from UG or both from PG)
- The competition will comprise of three rounds and the winner will be decided at the end of these three rounds of the competition.
- Participants shall fill up the Google form for registration. Registration will be done a single time for a single team.
- Registration will be done on or before 2nd September 23:59:59 pm. If they face any error then they can contact the numbers provided or can also mail to zoology.kcc@gmail.com with subject of the mail "quiz competition" on or before 2nd September, 2020 23:59:59 IST.
- Detailed programme schedule will be sent later to the selected participants by mail.
- The winners after three rounds of competition will be selected and will be given exciting prizes.
- The decision of the quiz master will be final.
- All participants will receive e-certificate of participation.

Theme of Quiz: "All About Indian Wildlife"



Registration link:

[https://forms.gle/
ZbvU9fBdmeX5ngX59](https://forms.gle/ZbvU9fBdmeX5ngX59)

Date and Time of the Programme:

5th and 6th September, 2020

Registration link will be open till
2nd September, 2020 23:59:59
pm

Contact:

Dr. Joyita Mukherjee
+91 9475852745

Mr. Debayan Gayen
+91 7319309141

*** Detailed programme schedule will be sent later to the selected participants. The participant need to join the Whatsapp group after getting the selection mail.

State level online Quiz competition (contd.)



Results:

Group-A (Undergraduate Group):

1st: Adarsha Mukherjee and Arjun Kumar (J.K. College, Purulia)

2nd: Shreya Sengupta (Bethune College) and Satrajit Das (Maulana Azad College)

3rd: Aritra Nath and Souvik Nayak (Ramakrishna Mission Vivekananda Centenary College Rahara)

4th: Shreya Pal (Krishna Chandra College) and Subhadip Banerjee (Asutosh College)

5th: Sayanti Datta (Kalna College, University of Burdwan) and Shuvam Chakraborty (Ramakrishna Mission Vidyamandira, University of Calcutta)

Group-B (Postgraduate Group):

1st: Supriya Samanta and Rimasri Mandal (Sidho-Kanho-Birsha University, Purulia)

2nd: Poushali Paul and Atanu Panja (Dinabandhu Andrews College)

3rd: Soumya Subhra Baishnab and Mousumi Ghosh (The University of Burdwan)

4th: Chandrani Ghosh and Sujata Das (Durgapur Government College)

5th: Rinkee Saha (Darjeeling Government College) and Nadiram Bala (Netaji Subhash Open University)

BIG BUTTERFLY MONTH 2020



The Big Butterfly Month is a celebration of butterflies aimed at conducting a nationwide citizen science survey to help us assess the health of our environment. A first of its kind event was organized on 5th September 2020, and ran through the whole month. More than 25 organizations from across the nation covering 22 states and 2 Union Territories participated in the event. The count ran from **14th to 20th September**, with various competitions, talks, quizzes and webinars organized as part of outreach to students and the public at large. During this Butterfly Month 2020, **Durgapur WINGS** arranged many activities like Drawing Competition, Recitation Competition and shows presentation of 32 slides on Larval Host plants of Butterflies.



Big Butterfly Count Expert Talks
Butterfly Journaling Contest Photography Contest
Videography Life Cycle Contest Quiz
Origami Crossword Webinar for School and Colleges















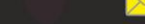
















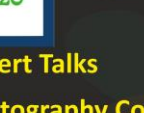
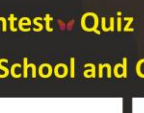


































bigbutterflymonth@gmail.com

BIG BUTTERFLY MONTH 2020



Know their Hosts



Common Name – Indian Fig tree / Banyan

Scientific name – *Ficus benghalensis*

Family - Moraceae

Local Name- বট (in Bengali)

Larval Host Plant of the following species:

Euploea core – Common Crow

Iraota timoleon – Silverstreak Blue

Cyrestis thyodamas – Map Butterfly



<https://bdwb.wildwingsindia.in>



Know their Hosts



Common Name – Castor Bean Plant

Scientific name – *Ricinus communis*

Family - Euphorbiaceae

Local Name- ভেল্লা বা রেড়ি গাছ (in Bengali)

Larval Host Plant of the following species:

• *Ariadne ariadne* – Angled Castor (কানমরচে)

• *Ariadne merione* - Common Castor (মোরচেপাতা)



<https://bdwb.wildwingsindia.in>



BIG BUTTERFLY MONTH 2020



পরিকল্পনায় ও আয়োজনে

সময়সীমা: ১৫ই সেপ্টেম্বর, ২০২০

বিগ
বাটারফ্লাই মাস ২০২০
উপলক্ষ্যে

তুলির টানে প্রজাপতি

ও

ছড়ার ছন্দে প্রজাপতি

প্রজাপতি বিষয়ক অঙ্কন ও ছড়া লেখার প্রতিযোগিতা

অংশগ্রহণের জন্য পোস্টে প্রদত্ত লিংকে গিয়ে
ফর্মপূরণ করুন ও আপনার আঁকা/ছড়া জমা করুন

বিশদ জানতে:

☎ ৯৪৭৪৭৩৯৩২৭ (সাগর)/৯৬৪৭৮৯০৪২৯ (কল্যান)/ ৯৬৮৯০৮৩৫৮৩ (সৌপর্ন)

🌐 biodiversityofwestbengal.wildwingsindia.in

A drawing competition and rhyme writing competition was also organised in collaboration with Nature Mates - Nature Club and Green Plateau

All drawings are showcased at

<https://bdwb.wildwingsindia.in/event.php?contest=Butterfly%20Drawing%20Competition:%20West%20Bengal>

All rhymes are showcased at:

<https://bdwb.wildwingsindia.in/event.php?contest=Butterfly%20Rhyme%20Competition%20in%20Bengali:%20West%20Bengal>

1st Dragonfly Week: West Bengal



Our society for the first time collaboratively organised 1st Dragonfly Week at West Bengal. The goal of this event is to gather data for the website Biodiversity of West Bengal, create awareness regarding odonates among citizens by conducting webinar & drawing competition. The event was conducted between 20-30 September 2020. The organising collaborators of this event were Durgapur Wildlife Information and Nature Guide Society, Eco-club of SS Mahavidyalaya, Dragonflies and Damselflies of West Bengal and DragonflySouthAsia. The associated collaborators were Nature Mates-Nature Club, South Calcutta Girls College (Dept. of Zoology), Gurudas College (Dept. of Zoology), Murshidabad Wildlife Federation, Bangabashi College (Dept. of Zoology), BN Mahavidyalaya (CANOPY), I for nature, Reception of Agrivulture UP, Fakir Chand College (Dept of Zoology), Finger Crossed Foundation and Sovarani Memorial College (Field Study Club). A total of 1505 observations of 85 species from 25 districts were uploaded by 44 observers.

Top 3

Top observer	Most species by	Most observed species	Top district
Dr. Samiran Mahapatra	Subhajit Roy	<i>Crocothemis servilla</i>	Paschim Bardhaman
Subhendu Ghosh	Ajoy Kumar Dawn	<i>Orthetrum sabina</i>	Hugli/Hooghly
Utsav Biswas	Debdeep Pramanik	<i>Ceriatopoda coromandelianum</i>	North 24 Parganas

1st Dragonfly Week: West Bengal (contd.)



Apart from that we organised a webinar titled পশ্চিম বাংলার আঞ্চলিক ফড়িং (Regional odonates of West Bengal) delivered by Prosenjit Dawn, Subhajit Roy and Aaratrik Pal. We also organised two drawing competition in this period with theme “Dragonfly in flight” and “Odonates in their natural habitat”.



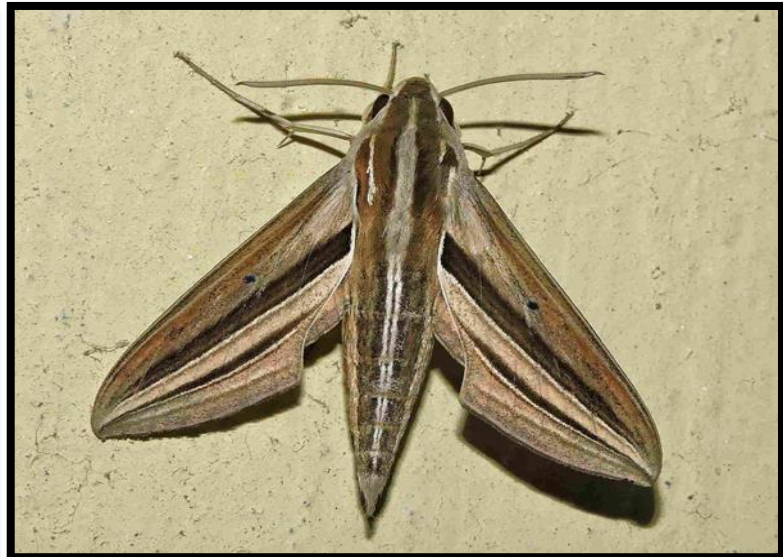
Top drawing performance

Age category	Digital art	Hand drawing
Under 15	-	1. Annsuman Saha 2. Aradhya Mandal
Above 15	Sridipta Manna Arko Chakraborty	Joy Biswas

PUJA MOTH WATCH 2020



*It was one of its kind event since this was the first time a Mothing event was organised in all over West Bengal. A mothing Event conducted in the run up to Citizen science Project which is underway, taught participants about the variety of moth species in West Bengal. Moths are among the most diverse and successful organisms on earth, with shapes and sizes that span the gamut from as small as a pinhead to as large as an adult's hand. Moths are generally nocturnal and are generally attracted to light sources, "PUJA MANDAP" became a vital light source during this period of each year. Our main aim was to document the diversity of the moths within this span of the time. Our first Puja Moth Watch was held during **23 October to 18 November 2020**. The highly successful annual moth recording program held throughout West Bengal. Participation was extremely diverse ranging from individuals and families looking for moths in their own backyards or during pandal hopping. Participants were also encouraged to become citizen scientists, and were mentored on how to document moths in their backyards, parks, and neighborhood, as well as contribute scientific data about moths.*



PUJA MOTH WATCH 2020

Event_highlights

Date: 23 Oct to 18 Nov

- Place: West-Bengal
- Total observation: 189
- Number of species recorded: 92

Top Observer

Sl. No.	Observer	No. of species observed
1	Sagar Adhurya	58
2	Saumen Pal	50
3	Sumana Dutta	18
4	Chandrani Ghosh	17
5	Subhajit Roy	12



PUJA MOTH WATCH 2020

Most Species Contributed:

Sl. No.	Observer	No. of species contributed
1	Sagar Adhurya	38
2	Saumen Pal	34
3	Chandrani Ghosh	14
4	Subhajit Roy	11
5	Sumana Dutta	09

Top District

Sl. No.	District	No. of species contributed
1	Paschim Bardhaman	88
2	South 24 Paraganas	53
3	Birbhum	18
4	North 24 Paraganas	11
5	Nadia	5
6	Murshidabad	5
7	Purulia	4
8	Paschim Midnapore	3
9	Howrah	1
10	Kalimpong	1

5th Campus Bird Count 2021



Unlike previous event, Campus Bird Count is one of the old events of our society, started before our registration. It was started first at Kendriya Vidyalaya, CRPF, Durgapur-14 on 2015.



Since, 2017, we are continually hosting Campus Bird Count at Durgapur Government College. Campus Bird Count is also a nationwide sub-event of the global event Great Backyard Bird Count hosted by Birdcount India. Details about the Campus Bird Count can be found at <https://birdcount.in/event/cbc2021/>. The motto of this event was same as previous event, i.e. to motivate college students about birding, to tell them regarding the use of field guide, field equipment, how to identify bird, where to look for which species etc.

Campus Bird Count 2021



On 12th February 2021, the event was conducted at Durgapur Government College with 25 participants. Few of them are experienced and some are completely new. Participants observed a total no of 46 bird species with effort of 3hrs 39mins. They covered a distance of 5.33km. The checklist can be found at <https://ebird.org/india/checklist/S80850615>. We got less no of bird species in compare with previous year's record.

- Place: Durgapur Government College
- Date: 12.02.2021
- Species observed: 46
- No. of participants: 25

Members: Sagar Adhurya, Saikat Adhurya, Subhadeep Saha, Rahul Mallick, Rajasi Roy, Pushan Chakraborty, Dibyendu Mondal, Samim Hossain, Uma Dutta. **Non-member:** Tapajit Bhattacharya, Nazma Khatun, Atasi Chatterjee, Sanchari Sarkar, Kushal Mistry, Disha Chakraborty, Mainak Adhikari, Debdipta Sinha, Debabrata Khan, Susmita Mondal, Rizia Sultana, Ananya Das, Purnendu Chatterjee, Alope Kumar Mukherjee, Sanghamitra Sanyal

Campus Bird Count 2021



7th Durgapur Barrage Bird Walk



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 portal.

7th Durgapur Barrage Bird Walk (contd.)



This year this event was organised on 14th February. A total of 84 species recorded during this year's GBBC based on 13 submitted checklist by the participants, which is highest in the event's history. Total 28 people participated in this event.



Notable observation includes high count of Lesser Whistling Duck, Cotton Pygmy Goose and Clamorous Reed Warbler. In addition, we unable to record two common species: Wood Sandpiper and Little Stint

7th Durgapur Barrage Bird Walk (contd.)



Highlights

Date: 14 February 2021

Place: Durgapur Barrage, Bankura district

Number of participants: 28

Number of species recorded: 84

Name of the participants:

Member: Arindam Bhui, Pushan Chakraborty, Rahul Mallick, Rajasi Roy, Manisha Datta, Piklu Das, Somapika Seal, Sagar Adhurya, Dibyendu Mondal, Kaushik Pan, Sankha Misra, Subhadeep Saha

Non-member: Chandrani Ghosh, Sumit Roy, Tanisha Pal, Mriganshu Jana, Ruben Mondal, Sathi Deghoria, Ankit Paul, Susmita Mondal, Rizia Sultana, Sarmistha Sarkar, Subhojit Saha, Prasenjit

- The participants were presented with a certificate after submission of the checklist of observed birds species on the ebird portal/app:

2021 Great Backyard Bird Count

Count for the Birds!



Certificate of Participation

This certificate is presented to

RAHUL MALLICK

In recognition of your great work counting birds
for the 2021 Great Backyard Bird Count!

David Bonter *Mya Thompson*

David Bonter and Mya Thompson, Co-Directors
Center for Engagement in Science and Nature
Cornell Lab of Ornithology

Chad Wilsey

Chad Wilsey, Vice President &
Chief Scientist, Audubon

Jody Allair

Jody Allair, Director, Citizen Science and
Community Engagement
Birds Canada



Pacific Wren by Robert Baker

The Cornell Lab of Ornithology

Audubon

Canadian
partner

BIRDS CANADA
OISEAUX CANADA

Sponsored by
Wild Birds Unlimited®

7th Durgapur Barrage Bird Walk (contd.)



It is all about



To save

Our future



Winter Waterbird Census

- ▶ Occasion: World Wetland Day
- ▶ Collaborator: West Bengal Forest Department and Birdwatchers' Society
- ▶ Date: 12 January 2021 to 2 February 2021
- ▶ Wetland Surveyed: 8
- ▶ Name of the Wetland: Chittaranjan Lakes, Baranti Dam, Gunjan Ecological Park, Durgapur Barrage, Suko Bandh, Nil Nirjone Dam, Jhilli Pakhiraloy

Statistics:

Name of Wetland	Number of species	Number of Individuals
Chittaranjan Lakes	37	1518
Baranti Dam	6	33
Gunjan Ecological Park	10	60
Burnpur Riverside	23	268
Suko Bandh	11	23
Durgapur Barrage	32	712
Nil Nirjone Dam	36	10173
Jhilli Pakhiraloy	18	2406

Members: Sagar Adhurya, Sankha Misra, Satyajit Mandal, Nirjhar Banerjee, Dibyendu Mandal, Antara Pal, Subhadeep Saha, Sujan Chatterjee, Arka Sarkar, Meghna Banerjee, Suvrojoyoti Chatterjee, Pampa Mistri, Ajoy Kumar Dawn, Bharatendra Parihar

Winter Waterbird Census



SCIENTIFIC PUBLICATION

Debayan Gayen, Saurav Dey & Utpal Singha Roy; *Additional report of anurans from Durgapur subdivision, Paschim Bardhaman, West Bengal* (2021) Zoo's Print; Vol.38 (33-39)

frog leg

142
21 January 2021



Additional report of anurans from Durgapur subdivision, Paschim Bardhaman, West Bengal

Amphibians have been known to be good indicators of environmental degradation, yet they are one of the least studied groups in most biodiversity related studies. They are highly vulnerable to various anthropogenic pressures and most recently there have been a great concern about their conservation all around the globe.

Studies on anuran diversity were carried out in different parts of India and West Bengal covering various habitat types (Deuti 1995; Padhye & Ghate 2002; Pratihari & Deuti 2011; Deuti et al. 2014; Deuti et al. 2017). In several previous studies on anurans, 11 anuran species were reported from the present study location (Pal et al. 2012, Dutta & Mukhopadhyay 2013, Chatterjee & Mondal 2014).

However, it was felt important to repeat the study since new

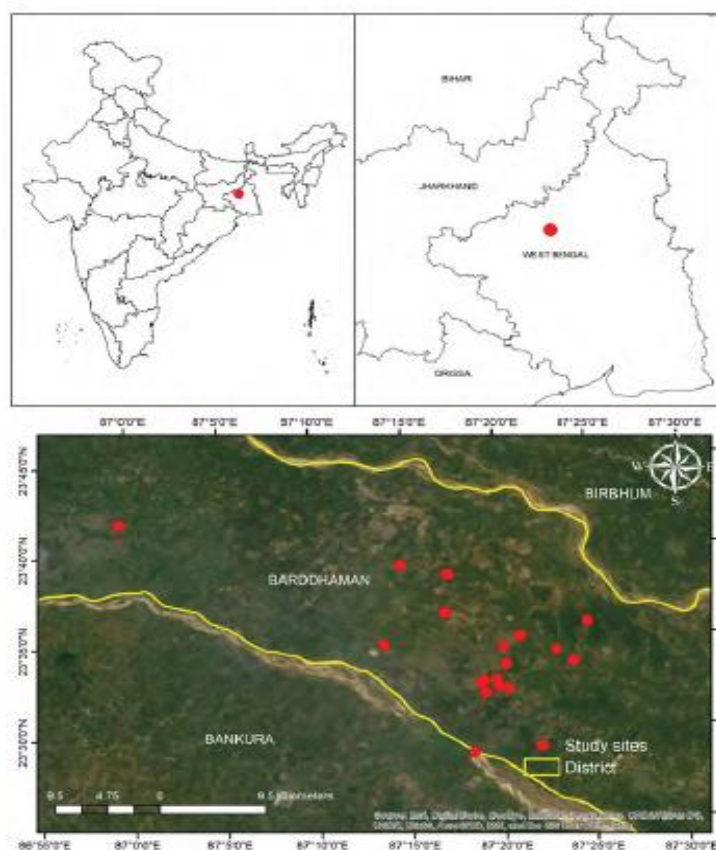


Image 1. Study area under present investigation from Durgapur of Paschim Bardhaman District from West Bengal, India.

species were observed in the later years. Thus, the present study was undertaken to update the checklist of anurans from Durgapur Subdivision.

Materials and Methods Study area

The present study was carried out in the industrial city of Durgapur, Paschim Bardhaman which covers

PROJECT (Ongoing):

In the FY 2020-2021, Durgapur WINGS undertook one project with ECL named, “Preparation of Wildlife management plan of Raniganj Coalfield”

ईस्टर्न कोलफील्ड्स लिमिटेड (कोल इंडिया लिमिटेड का एक अंग) महाप्रबंधक (पर्यावरण एवं वन) बराचक हाउस, पोस्ट सीतारामपुर जिला - पश्चिम बर्धमान (प.ब.) 713359 सी.एन.आइ.: U10101WB1975GOI030295 वेबसाइट: www.easterncoal.nic.in टेलिफैक्स :0341-2254510 ई-मेल: eclenv@gmail.com		Eastern Coalfields Limited (A Subsidiary of Coal India Ltd.) General Manager (Environment & Forest) Borachak House, Post - Sitarampur Dist. - Paschim Bardhaman (WB) - 713359 CIN: U10101WB1975GOI030295 Website: www.easterncoal.nic.in Telefax: 0341-2254510 E-mail: eclenv@gmail.com
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Ref No: ECL/ENV/20/ 228

Date: 25.08.2020

To
 The Secretary
 Durgapur Wildlife Information and Nature Guide Society (WINGS)
 M6, Bidhan Park, Sec – 1, Fuljhore, Durgapur
 Paschim Bardhaman, West Bengal – 713206

Sub: Award of Work for “Preparation of Wildlife Management Plan of Raniganj Coalfield”

Ref.:

- Letter from GM (Env), ECL to PCCF (Wildlife), GoWB vide Ref. No.: ECL/ENV/16/368 Dated 20.08.2016
- Project Proposal from Durgapur WINGS to DFO, Durgapur vide Ref. No.: WINGS/PROJ/2019-20/001 Dated 30.12.2019
- Letter from DFO, Durgapur to GM (Env) vide Memo No: 5814/2 Dated 31.12.2019

Sir,

This is to communicate that Competent Authority has decided to accord the approval to award the subject work “Preparation of Wildlife Management Plan of Raniganj Coalfield” at your offered rate of Rs 2,92,000 (Rupees Two Lakh Ninety-two thousand only) inclusive of GST @6% with the following terms and conditions:

Scope of the Study:

- Area of study will be Raniganj Coalfields (which comprises of 10 Nos of blocks) situated in Paschim Bardhaman District with all types of forest area located the

Confidential

Upcoming events

Date	Name of event
9 January 2022	1 st Chittaranjan Bird Walk
23 January 2022	Medinipur Bird Walk
24-30 January 2022	Bengal Bird Week (under Biodiversity of West Bengal)
20 February 2022	Durgapur Barrage Bird Walk
21 February 2022	Campus Bird Count at Durgapur Govt College

Year round event: Life Around Us school/college awareness campaign

To join our events contact our any governing body members or write us via email.

Elected new governing body

Name	Designation
Subhajit Roy	President
Sagar Adhurya	Vice President
Arkajyoti Mukherjee	Secretary
Somapika Seal	Joint Secretary
Subhadeep Saha	Treasurer
Saikat Adhurya	Assistant Treasurer
Nirjhar Banerjee	Store-in-charge
Dr. Pushan Chakraborty	Executive Member
Pavel Ghosh	Executive Member
Dibyendu Mondal	Executive Member
Sankha Misra	Executive Member

Know more about governing body members at:

<https://wildwingsindia.in/gbody.php>

Members (1/4/2019-31/3/2021)

- | | |
|----------------------------------|-----------------------|
| 1. Amar Kumar Nayak | 18. Luna Adhurya |
| 2. Antara Pal | 19. Manisha Dutta |
| 3. Arindam Bhui | 20. Nirjhar Banerjee |
| 4. Arkajyoti Mukherjee | 21. Pavel Ghosh |
| 5. Atish Manna | 22. Piklu Das |
| 6. Bishal Saha | 23. Rahul Mallick |
| 7. Debayan Gayen | 24. Rajasi Roy |
| 8. Deb dualal Banerjee | 25. Rajasree Bhowmick |
| 9. Dibyendu Mandal | 26. Sagar Adhurya |
| 10. Dr. Moitreyee
Chakraborty | 27. Saikat Adhurya |
| 11. Dr. Pushan
Chakraborty | 28. Sankha Misra |
| 12. Dr. Roli Shukla Ray | 29. Satyajit Mandal |
| 13. Dr. Sudipta Das | 30. Saurav Dey |
| 14. Dr. Utpal Singha Roy | 31. Somapika Seal |
| 15. Golak Mahata | 32. Subhadeep Saha |
| 16. Kajori Mondal | 33. Subhajit Roy |
| 17. Koushik Pan | 34. Uma Dutta |



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

Become our member & support our work now:

<https://wildwingsindia.in/wingsmembers/signup.php>



Durgapur Wildlife Information and Nature Guide Society
(Registration no. S0005627 of 2019-20)

Office address:

M6, Bidhan Park, Sector 1, Fuljhore, Durgapur 713206

Paschim Bardhaman, West Bengal

Email: wildwingsbengal@gmail.com

Website: www.wildwingsindia.in