



Green Bee-eater *Merops orientalis*

ANNUAL REPORT

FY 2019-2020

DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY

Registration no. S0005627 of 2019-2020
Email: wildwingsbengal@gmail.com
Website: www.wildwingsindia.in





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>

Annual Report of Durgapur Wildlife Information and Nature Guide Society of FY 2019-2020



Annual book preparation team

Editing

Sagar Adhurya

Design

Sagar Adhurya

Saikat Adhurya

Write up preparation

Pavel Ghosh

Sagar Adhurya

Debayan Gayen

Somapika Seal

Rahul Mallick

Nirjhar Banerjee

Rajasi Roy

Saikat Adhurya

Front cover drawing

Uma Dutta

Content Background

Subhadeep Saha

Back cover art

Somapika Seal

Table of Contents

• Preface	1
• Message from President	2
• Message from Secretary	3
• Patron's Message	4-5
• About Society	6
• Research	7
• Citizen Science Initiatives	8-12
• Events	13-50
• Seminar/Conference/Training program attended by members	51
• Invited Lectures	52
• Participation at Event	53
• Achievement by Our Member	54
• Achievement by Society	55
• Scientific Publication	56
• Project Handled	57
• Financial Report	58-64
• Governing Body	65-72
• List of Members	73



PREFACE

With completion of first year, Durgapur Wildlife Information and Nature Guide Society, popularly WINGS, is feeling extremely pleased to bring before you, the Annual Book for activity year 2019-2020.

The book will take you through a journey of WINGS, from the point of inception, the path covered till now, achievements and our future prospects.

So, brace yourself for this adventurous journey! Wish you a happy reading!

Thanking you

SAGAR ADHURYA

President

PAVEL GHOSH

Secretary



MESSAGE FROM PRESIDENT

Earth created around 4.5 billion year ago and the first evidence of life came to the earth around 4.1 billion year ago. Since, thin 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 event, and that is due to human action on biodiversity.

In this earth Tropics is the most biodiversity region. Our world has 20 megadiversity nations and most of which lies 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 forest, grasslands, wetlands and other habitats already lost to fulfil our human needs. Simultaneously, the species which resides in those land 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 Sundarban, 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. Extinction of a species and evolution of new species is a dynamic process. But, we human, enhanced the rate of extinction in a high level. Think, once a species will be 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 any one 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 surrounding 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 member 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 collaborator 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

President



MESSAGE FROM SECRETARY

I am hereby pleased to announce that Durgapur Wildlife Information and Nature Guide Society, pampered by all of us, by the name, WINGS, has successfully completed the first year of its inception, to the cause of environmental protection and citizen science initiative. Though, the group was officially registered on 17th of July, 2019, the journey had already started in 2016, with the formal kick-off of Durgapur Barrage Cleaning Campaign, later rechristened as Green Picnic Mission, in 2017.

WINGS has already registered a feat, by inculcating the feeling of necessity of conducting Green Picnic Mission among the administration and citizens of Durgapur, and has successfully spread the idea across the length and breadth of West Bengal and parts of neighbouring Jharkhand. By 2019-2020, the event has been successfully accomplished by WINGS directly with active collaboration of administration, at five popular picnic destinations across four districts of West Bengal, namely Paschim Bardhaman, Bankura, Jhargram and Birbhum, and one district of Jharkhand, viz. Dhanbad. The model was followed by other organizations in other districts of the states as well. We at WINGS, have established a special department, named 'Unmesh', which is a Bangla word meaning Innovation; this division solely aims to create opportunities, where common people can innovate and cultivate science, thus making it a practical approach, rather than a bookish confinement. WINGS Unmesh Department has successfully completed Project Kisholoy (tree plantation program), Know Your Trees (with collaboration from SeasonWatch), Durgapur Barrage Bird Walk (with collaboration from eBird), Know Your Neighbours (nature interpretation program for school children), Pujo Moth Watch, three Nature Walks (Massanjore, Sundarbans, Bakkhali-Frasergunj-Henry Island), Green Picnic Mission, in the year 2019-2020. As a part of greater responsibility towards making taxonomic knowledge available to the common people of West Bengal in a systematic yet attractive way, we have put our fullest endeavour in building up 'Biodiversity of West Bengal', the largest online database of animals and plants; the process is a dynamic one, and we are striving with full enthusiasm to complete the database at the earliest.

WINGS has also diversified its research activities by setting up dedicated research compartments, named 'Research Departments'. There are four such departments currently, namely Avifauna, Botany & Mangroves, Amphibia & Herpetology, and, last but not least, Lepidoptera & Odonata. In order to deepen our knowledge base, we are planning to set up a separate Mangroves Research Department, along with new departments like Mammology and Wildlife Photography. A proposal to set up a Research Base Station in Sundarbans is also there in the pipeline.

In the wake of unprecedented COVID-19 pandemic situation prevailing worldwide, WINGS has decided to carry forward its citizen science activities via online mode. As a part of this initiative, live webinars were undertaken, throughout the month of April and May, 2020, under the banner of 'Lockdown Talks', and a single webinar in June 2020, under the name 'WINGS Web Talk', with the aim through light on the broad spectrum of Biodiversity and its conservation, by experts from several fields. A national level eposter competition was held on the occasion of World Environment Day, in collaboration with Durgapur Government College.

WINGS has successfully completed and submitted the People's Biodiversity Register of Durgapur Municipal Corporation Area, to the concerned authorities, and is now about to commence a project in Eastern Coalfields jurisdiction, spread across four districts of West Bengal (Paschim Bardhaman, Birbhum, Bankura and Purulia).

The outgoing activity year was a wonderful one, and has inspired us to welcome the new activity year in a cheerful way. We pledge that, though we won't be able to conduct several of our field-based programs this activity year, due to pandemic situations, we will continue to discharge our responsibility, in the form of online programs.

Hail WINGS!

Victory be upon us!

Greenery be upon the globe!

PAVEL GHOSH

Secretary

PATRON'S MESSAGE



Government of West Bengal

Durgapur Government College

DEPARTMENT OF CONSERVATION BIOLOGY

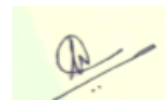
J N Avenue, Durgapur – 713214, Paschim Burdwan, West Bengal, India. ✕ Phone & Fax: +91 0343 2500534 ✕
Email: <durgapurgovtcollege@yahoo.com> ✕ Website: <www.durgapurgovtcollege.org>

MESSAGE

Durgapur Wildlife Information and Nature Guide Society started its journey long way back in 2016 with some young and inspiring boys and girls having love for nature. Finally on 17th July 2019, the group was officially registered with the formal kick-off of Durgapur Barrage cleaning campaign. WINGS have successfully completed the first year of its inception and have been a keen worker for environment protection and citizen science initiative. The once started Barrage cleaning campaign has now been renamed as Green Picnic Mission which has spread its necessity among administration and citizens of Durgapur and has also been able to spread the idea of environment awareness to every corner of West Bengal as well as few parts of Jharkhand.

Apart from this, WINGS has also established a special branch called 'Unmesh' which mainly focuses on culminating the ideas and opportunities among common people about innovative science and cultivate among them the urge to make out something out of the syllabus and books. The major objective of this division is to deal with programs that generate idea about Nature and wildlife. A few such projects include Project Kisholoy, Know your Trees, Pujo Moth Watch etc. they have also played a very important role in creating a huge database on flora and fauna of West Bengal named 'Biodiversity of West Bengal'.

COVID-19 pandemic has not been able to stop the pathway of WINGS. In this lockdown when everyone was worried and confined to home, WINGS have come up with innovative ideas to carry out their science citizen program. They have organized a series of lockdown talks via face book where common people and aspiring young minds could get brief ideas of the research works going throughout India on different aspects of nature and wildlife. They have also come up with several new and innovative ways which will be showcased in the upcoming years. Thus I wish WINGS best wishes for their future endeavors. As we say, sky is the limit, but to me WINGS have more to go beyond that. Cheers and carry on.



Moitreyee Chakrabarty
Department of Conservation Biology
Durgapur Government College



PATRON'S MESSAGE

The survival and growth of any species depend on cohesion and cooperation within ecosystem. The unimaginable expansion of human race can be attributed to supreme level of eusociality. The endless quest for knowledge and tremendous hunger of conquering everything has led to discoveries which couldn't be even thought of mere 100 years ago. With the revolution in technology mankind is witnessing an era of utter comfort and luxury. Human society has actually turned into a truly colossal consumer that is consuming the available resources at a faster rate than ever before and thereby perturbing the balance of ecosystem. The journey of human evolution can be seen as from being a part of nature to utter exploiter of nature. We love to think ourselves as wise but there are no other species on this planet that disturbs its own habitat in such a brutal manner. The speed at which we are running presently will result into devastation only and we will be needing a new planet to colonize! Scientists are actually looking for such habitable planets however, one may doubt that the fate of that new planet (if man ever succeeds to colonize that) will be same and that too at a faster pace. The naked truth however is that we are nothing but susceptible in the hand of nature and the recent events of pandemic Covid-19 and Amphan have made it very clear. These leads to social and ethical questions of what we are supposed to do as human being? Well, the very least we can do is change our vision towards nature. We are born of dust and unto dust we will return, however, even a little empathy in us will improve the living condition for all lifeforms in the planet. Let us join our hands for a green, clean tomorrow where there will be enough for everyone. Durgapur Wildlife Information and Nature Guide Society, a Durgapur based NGO is doing an excellent job in this regard. The selfless activities of the volunteers are really praiseworthy. Support from different parts of the society will motivate the young minds of WINGS to function at a larger scale and benefit all.

DR. UTPAL SINGHA ROY

Assistant Professor, PR Thakur Government College

ABOUT SOCIETY

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), Late Mr. Subhra Lahiri (Former HOD, 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 (Asst. Professor, Durgapur Govt. College) and Amar Nayak (Asst. Teacher) for always being with us.

Durgapur WINGS has been lucky enough to find guidance from personalities like Late Shubhra Lahiri, in its days of infancy, thus paving way for formation of a more mature, positive, enthusiastic and democratic organisation 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 4 research division:

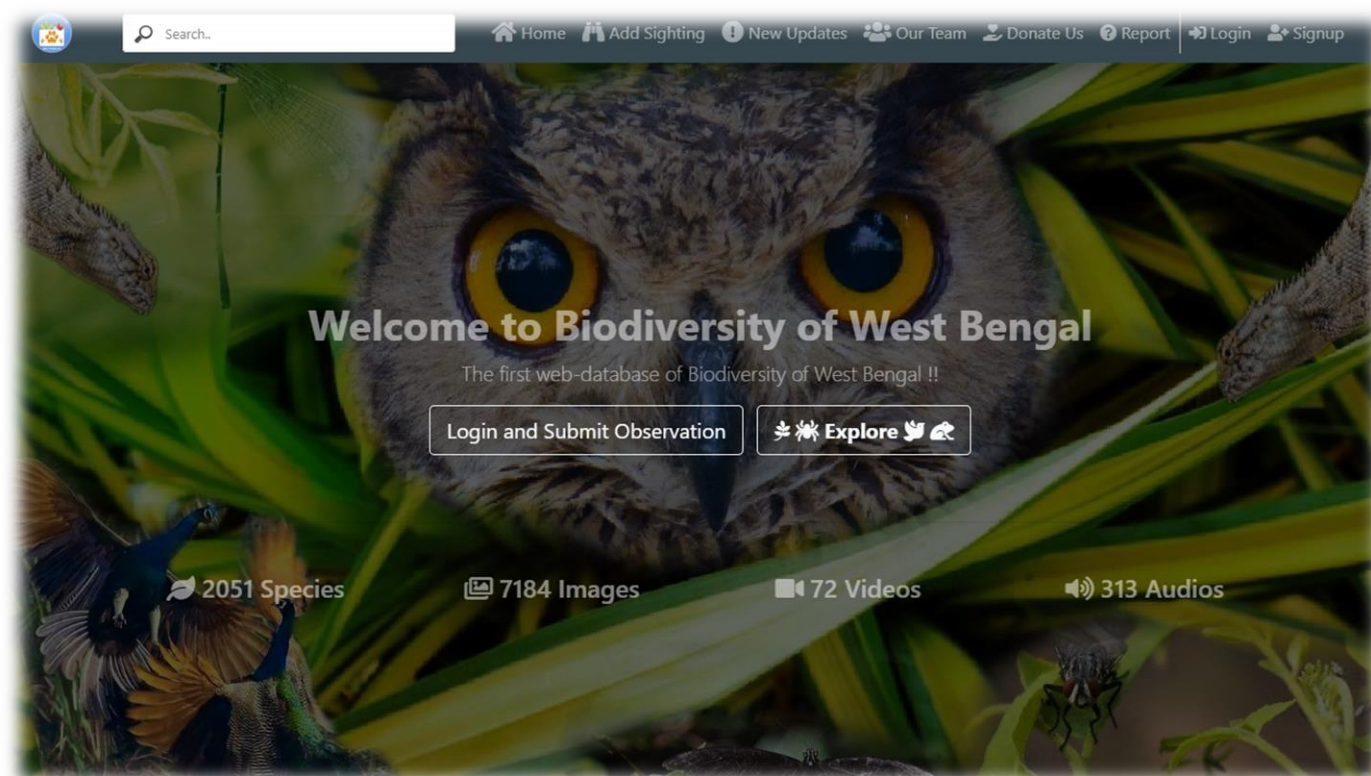
Name of research wing	Name of the contact person	Contact
Pavel Ghosh	Botanical Research Wing	7384468430
Debayan Gayen	Mammal-Herpetofauna Research Wing	7031490599
Somapika Seal	Lepidoptera Research Wing	8016352620
Sagar Adhurya	Avian Research Wing	9474739327

Our work mainly remained focused on biodiversity of Paschim Bardhaman district. In coming year, we have aim to start some work at western part of West Bengal and Sundarban. Presently we have one Journal Publication and in one publication our society is acknowledged. Many research articles are in pipeline. We also completed one project in this year. Outside these, we are working on citizen science. We developed first ever scientific biodiversity portal of West Bengal namely 'Biodiversity of West Bengal'.

To join our research group, join us as member and contact the respective contact person.

[illegible]

BIODIVERSITY OF WEST BENGAL

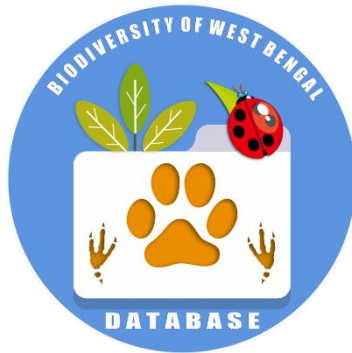


Biodiversity of West Bengal is a web application. Launched in 2019, it is the first-ever initiative to document the incredible biodiversity of West Bengal as a form of web database with audio, video, images, description with local name in different languages, common name, scientific name, IUCN status 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 2051 species of West Bengal including some of very precious and unique records. At present this web database has 7184 images, 72 videos and 313 audios. There are 23,319 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.

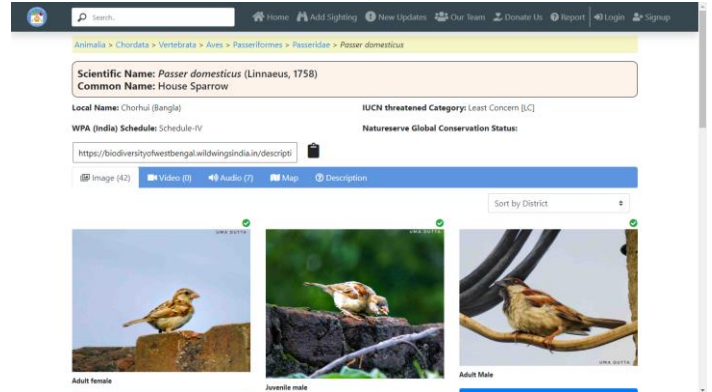
Highlights:

- **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.

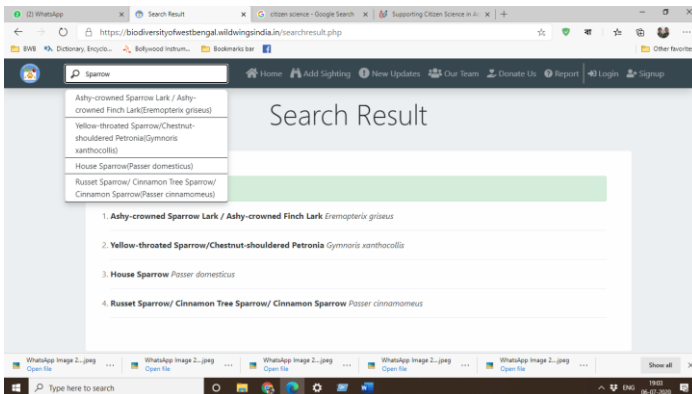


Logo

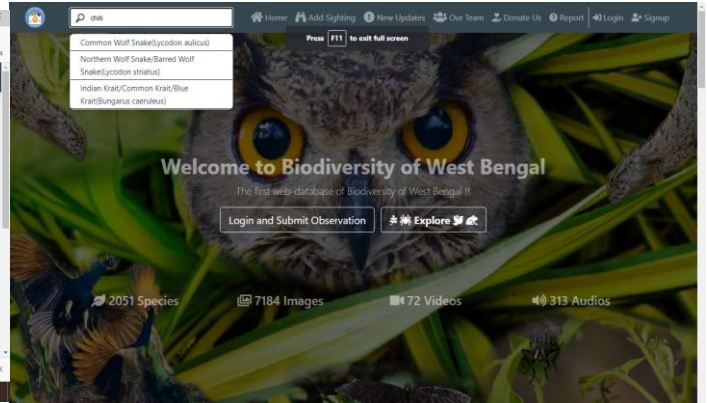
Annual Report of Durgapur WINGS 2019-2020



Species details with photo, video, audio and maps



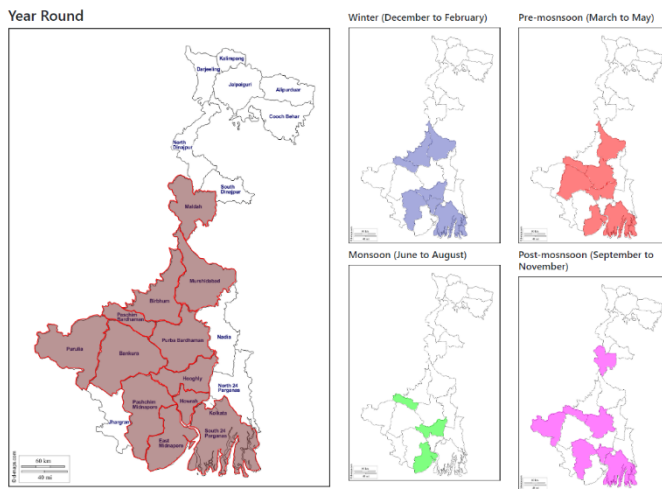
Powerful search bar



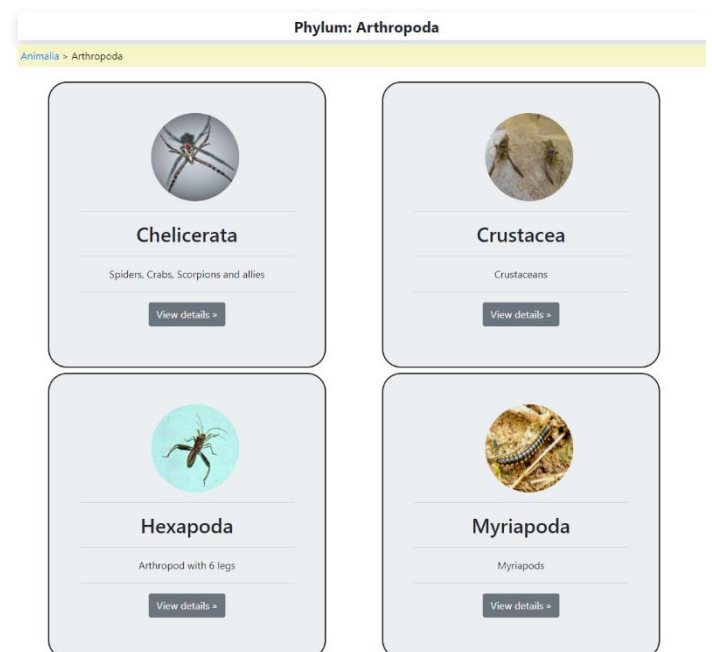
Search with vernacular name

Maps are generated from the records in this website

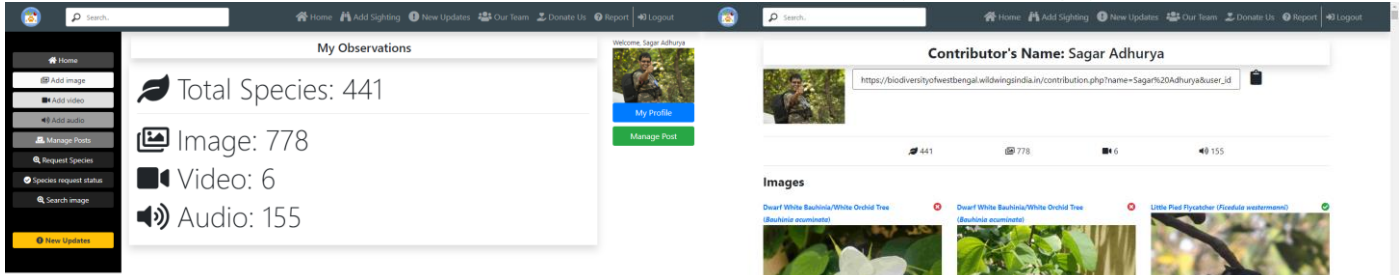
***if the map is not loaded properly please reload the page



District and season-wise map

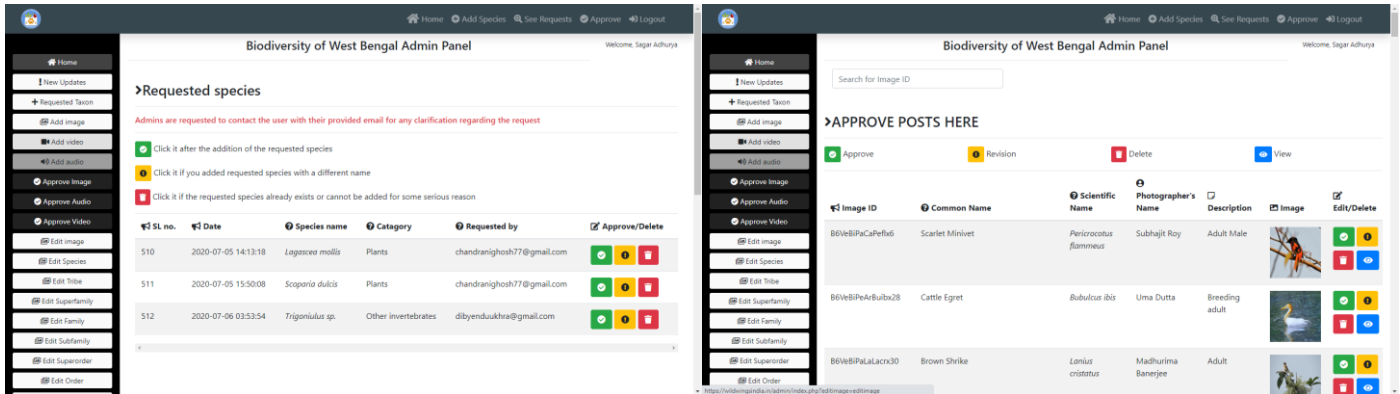


Beautiful explore option



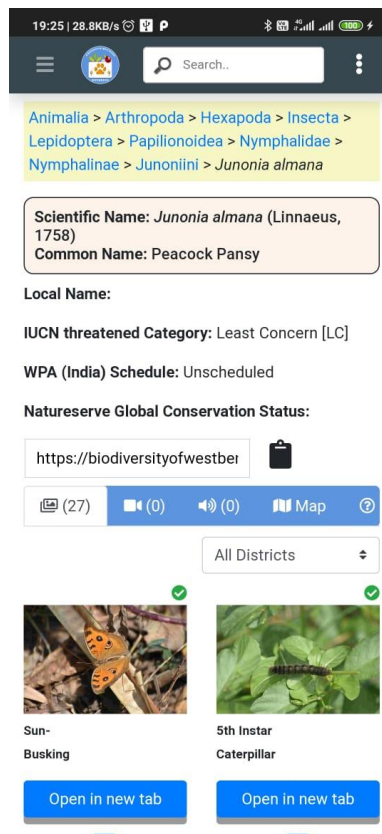
Nice user interface

Maintain your all sighting under your profile



Back-in-back admin interface

Every posts passed through peer review by admins



Mobile friendly-responsive pages

SOCIAL MEDIA-BASED CITIZEN SCIENCE INITIATIVES

Social media is now become an important platform for biodiversity documentation and species identification. It facilitates many organisations to maintain records of biodiversity. Additionally, it helps many new commers to prove themselves in this 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:

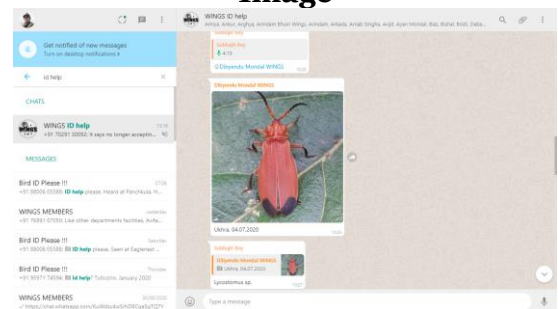
Name and link

Purpose

Image

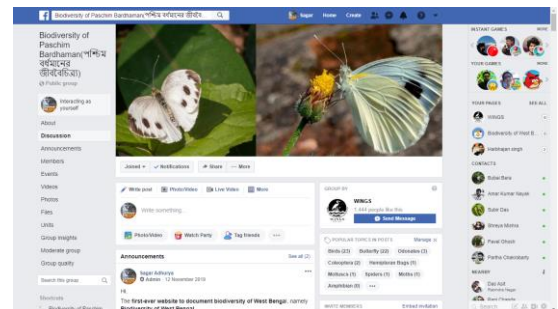
WINGS Id help -WhatsApp group
(<https://chat.whatsapp.com/KuWdzY4wSrhd8CqaSgTQ7Y>)

Identification of different species



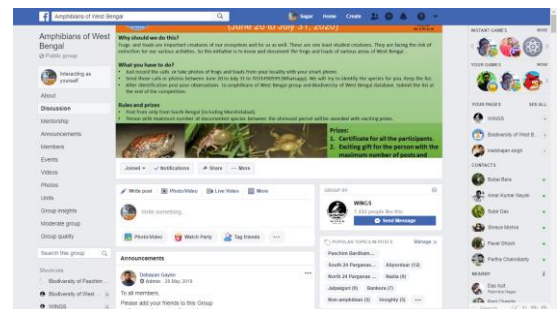
Biodiversity of Paschim Bardhaman-
Facebook group
(<https://www.facebook.com/groups/wildwestbardhaman/>)

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





EVENTS

List of events conducted by our society in 2019-2020 is given below:

Name of the event	Date	Place
Kisholoy	24 July 2019 to 3 August 2019	Durgapur, Paschim Bardhaman District
	5 June 2020	Jhargram, Jhargram District
Brikkhobondhon	15 August 2019	Durgapur, Paschim Bardhaman District
Monsoon Moth Watch	29 August 2019	Durgapur, Paschim Bardhaman District
School Student Awareness Campaign	20 September 2019	Bhiringi Girls High School, Durgapur, Paschim Bardhaman District
Nature Walk	22 September 2019	Massanjore Dam, Jharkhand
Seasonwatch: Know Our Trees	4 times a year	No definite places
Awareness campaign & wildlife photo exhibition	5.October 2019	Durgapur, Paschim Bardhaman District
Puja Moth Watch	10 October to 28 November 2019	Throughout West Bengal
Nature Walk	1-4 November 2019	Sundarban, South 24 Paraganas District
Green Picnic Mission	25 December 2019 to 1 January 2020	Bankura District: Durgapur Barrage Paschim Bardhaman District: Deul Park, Nachan Theme Park, Maithon Dam Jhargram District: Chilkigarh, Pakhiraloy
Nature Walk	31 January to 2 February 2020	Bakkhali-Frasergunj-Henry's Island, South 24 Paraganas District
Campus Bird Count	14 February 2020	University Institute of Technology, Burdwan, Purba Bardhaman district
	15 February 2020	Durgapur Government College, Paschim Bardhaman district
Nil Nirjone Bird Walk	15 February 2020	Nil Nirjone Dam, Birbhum district
Durgapur Barrage Bird Walk	16 February 2020	Durgapur Barrage, Bankura district

KISHOLOY



Project Kisholoy is a venture carried out by Durgapur WINGS under the WINGS Unmesh Citizen Science and Innovation Program, with logistic and resource collaboration with West Bengal Forest Department. The purpose of 'Kisholoy' event is to build a greener environment with the tree plantation program at different institutional and office campuses.

Event highlights:

- **Notable guest:** Sri Anirban Kolay (Hon'ble Sub-Divisional Magistrate) and Sri Milan Kanti Mandal (Hon'ble Divisional Forest officer) and Mr. Tapan Purkayastha (Lecturer, Law College Durgapur)
- **Collaborator:**
 - Divisional Forest Office, Durgapur and Divisional Forest Office, Jhargram (resource support)
 - NHIT Group of Institution (Funding)
 - Office of the Sub-Divisional Magistrate (Administrative support)
 - Indian Oil Corporation Limited

2019:

In the month of July 2019, tree plantation and awareness campaign has been conducted across 5 educational institutions of Durgapur Subdivision, namely, Bijra High School (24th July 2019), Nadiha Birbhanpur High School (25th July 2019),



Annual Report of Durgapur WINGS 2019-2020

Khandra High School (26th July 2019), Ichhapur N.C. High School (27th July 2019) and Heavy Engineering Free Primary School (Unit-II) (29th July 2019). A total of 67 plants, were planted in all of these institutions.

Bijra High School



Group photo at the end of event



Awareness program



Tree plantation

Nadiha Birbhanpur High School



Group photo at the end of the event



Awareness program



Tree Plantation

Khandra High School



Group photo at the end of the event



Awareness program



Tree plantation

Ichhapur N.C. High School



Group photo at the end of the event



Awareness program



Principal, Ichhapur NC High School planting a saplings with his own hand

Heavy Engineering Free Primary School (Unit-II)



Group photo at the end of the event



Awareness program. DFO/ Durgapur (middle-left) and SDM/Durgapur (middle-right) enlightened students regarding necessity of tree plantation.



SDM/Durgapur (right), DFO/Durgapur (behind) with our members and students planting a Neem tree.

Indian Oil Corporation Limited Indane LPG Bottling Unit, Durgapur



Group photo after event



Inauguration of event



Planted saplings

Tree plantation at Jhargram on the occasion of World Environment Day 2020



Plantation at Kumri Primary School



Plantation at Kumri Primary School



Plantation at Manikpara range

Project Kisholoy was also undertaken at Bankola Colliery of Eastern Coalfields Limited, at Ukhra, Durgapur in the month of 28 July as well. A total of 20 saplings were planted there.

This exercise was re-run on 3rd August 2019, at IOCL Indane LPG Bottling Unit, Durgapur, in active collaboration with Indian Oil Corporation Limited, on occasion of accomplishing a 'Carbon Neutral Event' at the then ensuing IOCL Plant Managers Conference WBSO, scheduled at Kolkata on 3rd and 4th August 2019. A total of 128 plants were planted on the same day.

2020

Durgapur WINGS, Jhargram Unit had undertaken Project Kisholoy on 05th June 2020, with resource collaboration from West Bengal Forest Division, Jhargram Division, on the occasion of World Environment Day. A total of 15 plants were planted at Kumri Primary School and 12 plants were planted at Manikpara Vivekananda Satavarshiki Mahavidyalaya, both being part of Jhargram District.



কিশলয়
www.wildwingsindia.in/kisholoy.php



অনিল: কি রে? সকাল থেকে গাছ লাগাতে বসলি যে?

সুনীল: হ্যাঁ, চারিদিকে যা অবস্থা। তাই একটু নিজের মতো করে চেষ্টা করছি উন্নতি করার।

অনিল: মানে? গাছ লাগানোর সাথে আবার আশেপাশের উন্নতির কি যোগাযোগ?

সুনীল: পুরোপুরি যোগাযোগ আছে। গাছ বায়ুমণ্ডল থেকে কার্বন ডাই অক্সাইড শুষে নিয়ে আমাদের অক্সিজেন প্রদান করে, যা আমাদের শ্বাসক্রিয়া চালাতে অপরিহার্য।

অনিল: হ্যাঁ, তাই তো। কিন্তু চারিদিকে যে একনাগাড়ে গাছ কাটা পড়ছে। আচ্ছা সেই কারণেই কি এতো গরম আর সাথে বৃষ্টিপাত ও নেই?

সুনীল: একদম তাই। তাছাড়া গাছ কাটার ফলে কত পশুপাখি আজ বাসস্থানহীন, তারা ধীরে ধীরে অবলুপ্তির পথে হেটে চলেছে।

অনিল: তাহলে কি করা যায়?

সুনীল: প্রতি বছর বর্ষাকালে বিভিন্ন সরকারী-বেসরকারী উদ্যোগে বৃক্ষরোপনের পরিকল্পনা চলে। সেরকমই দুর্গাপুরের একটি সংগঠন - Wildlife Information and Nature Guide Society (WINGS) আজ আমাদের বিদ্যালয়ে গাছ লাগানোর পরিকল্পনা নিয়েছে। আয় আমরা একজোটে এই উদ্যোগে সামিল হই আর সবাইকে সচেতন করি।

অনিল: চল তবে তাদের এই ভালো কাজে সামিল হই আর পরিবেশের রক্ষা করে প্রকৃত উন্নতি করি।

পরিবেশকে ঠান্ডা রাখে

জলন্তর বজায় রাখে

বাতাস পরিশোধন করে

পশুপাখিদের খাদ্য ও বাসস্থান প্রদান করে

খাদ্য ও বস্ত্র প্রদান করে

বৃষ্টিপাত হতে সাহায্য করে



একটি গাছ অনেক প্রাণ

In association with:



Leaflet circulated among students during the event

BRIKKHOBONDHON



Durgapur WINGS have always advocated for a culture that respects close binding between nature and human beings, based on our age-old heritage and rituals. As a part of this idea, Durgapur WINGS, rolled out a unique and one-of-its-kind initiative in Durgapur, under the WINGS Unmesh flagship bandwagon, named Brikkhobodhon, on the auspicious day of Rakshabandhan, which again coincided with the Independence Day (15th August 2019). Female members of the organization, tied Rakhis around trees in Bengal Ambuja and Urbashi neighbourhoods of City Centre area, Durgapur, and prayed for a long, safe life of our green neighbours, just like their own brothers.



MONSOON MOTH WATCH



Insects are the most species-rich taxon with about one million species described worldwide, corresponding to more than half of all known species. Due to their high ecological diversification and short generation times, insects are useful indicators of environmental change. Lepidoptera (butterflies and moths) is one of the largest insect orders with 160,000 described species, of which 95% are moths. Moths play important roles in many ecosystems as pollinators, herbivores, and prey for a wide range of species such as birds and bats. The distribution and ecology of moths are well known in comparison to many other invertebrates. In recent decades, steep declines of moth populations have been observed. Such declines are expected to have cascading effects at both higher (bats, birds) and lower (plants) trophic levels due to the keystone role of moths in many ecosystems. The aim of this survey is to increase the knowledge of the moth fauna at MAMC central park in Durgapur. All legal permits required to collect field data were authorised by the DFO/Durgapur and SDM/Durgapur. The area is dominated by different kinds of large trees with diverse vegetation. Halogen light was used as a source of illumination in light trap. In total, we caught 48 individuals belonging to 26 species. Most species belonged to two families: Erebidae, Noctuidae. Sampling approaches used in ecological studies on moths vary greatly. Furthermore, in studies where sampling has been performed only above a predefined temperature limit, the limit has remained constant over the season, Surveys of species richness and abundance are vital for assessing the current status and trends of moth communities.

Highlights:

- **Place:** MAMC Central Park, Durgapur
- **Date:** 29 August 2018
- **Time:** 6 PM to 10 PM
- **Number of participants:** 14

CHECKLIST OF MOTHS OBSERVED

#	Family	Subfamily	Scientific name	Common Name
1	Crambidae	Pyraustinae	<i>Paliga machoeralis</i>	-
2	Crambidae	Pyraustinae	<i>Metoecca foedalis</i>	-
3	Crambidae	Acentropinae	<i>Parapoynx stagnalis</i>	Rice Caseworm Moth
4	Erebidae	Hypeninae	<i>Hypena sp.</i>	-
5	Erebidae	Erebinae	<i>Grammodes geometrica</i>	-
6	Erebidae	Lithosiini	<i>Cyana hemata</i>	-
7	Erebidae	Arctiinae	<i>Lyclene sp.</i>	-
8	Erebidae	Lymantriinae	<i>Lymantria semicincta</i>	-
9	Erebidae	Herminiinae	<i>Hipoepa sp.</i>	-
10	Erebidae	Arctiinae	<i>Cretonotos transiens</i>	-
11	Erebidae	Arctiinae	<i>Cretonotos gangis</i>	-
12	Geometridae	Sterrhinae	<i>Scopula pulchellata</i>	
13	Geometridae	Sterrhinae	<i>Scopula emmissaria</i>	
14	Geometridae	Ennominae	<i>Hyperythra lutea</i>	
15	Noctuidae	Noctuinae	<i>Spodoptera cillum</i>	Dark Mottled Willow Or Grasslawn Armyworm
16	Noctuidae	Agaristinae	<i>Aegocera venulia</i>	-
17	Noctuidae	Noctuinae	<i>Spodoptera mauritia</i>	-
18	Noctuidae	Erebinae	<i>Thycas coronata</i>	-
19	Noctuidae	Aganainae	<i>Mecodina sp.</i>	-
20	Noctuidae	-	<i>Goniocraspedon mistura</i>	-
21	Noctuidae	Phalerinae	<i>Antheua exanthemata</i>	-
22	Noctuidae	Erebinae	<i>Anticarsia irrorata</i>	-
23	Noctuidae	Noctuinae	<i>Leucania sp.</i>	-
24	Noctuidae	Noctuinae	<i>Anadevidia peponis</i>	-
25	Noctuidae	Condicinae	<i>Condica sp.</i>	-
26	Sphingidae	Sphinginae	<i>Psilogramma sp.</i>	-



SCHOOL STUDENT AWARENESS CAMPAIGN



On 20 September 2019, our team visited Bhiringi Girls High School for a nature awareness campaign. Our objective was to motivate students about nature and wildlife conservation. Our member Debayan Gayen acted as a resource person. He first told the students why we should save the nature, he also explained if we destroy nature nobody will survive, and how we are destroying nature by using thermocol. Students were very interested with our campaign. They asked some questions to us and we answered them accordingly. We also showed them some pictures of birds and reptiles with their common name and vernacular names. The teachers and students were very interested. Our campaign was successful. We succeeded to create awareness among them. We promised to come again and share more. We are thankful to Principal, Bhiringi Girls High School and SDM/Durgapur for giving us the opportunity.

Highlights:

- **Place:** Bhiringi Girls High School
- **Date:** 20 September, 2019
- **Member visited:** Debayan Gayen, Satyajit Mandal and Nirjhar Banerjee
- **Activities performed:** Awareness related to environmental and wildlife conservation

NATURE WALK: MASSANJORE



Massanjore Dam is a hydropower generating dam over the Mayurakshi River located at Massanjore near Dumka in the state of Jharkhand, India. Massanjore dam $23^{\circ}06'03''\text{N } 87^{\circ}19'31''\text{E}$ is about 38 kilometres (24 mi) upstream from Suri in West Bengal. It is 47.25 m high from its base and is 661.58 m long. The reservoir has an area of 67.4 square kilometres (16,650 acres) when full and has a storage capacity of 620,000,000 cubic metres. Biodiversity is the omnium gathered of all the genes, species and ecosystems which are found in the nature. Present field observatory work highlights the uses of local floras, scientific identification and conservation of available flora and fauna in Study area and also gives attention towards the conservation of bio resources of the Study site and proper utilization of bio-wealth in research, academic activities and other uses. Documentation of fauna and flora checklist will be helpful in the environmental study too. It comprises the floral and faunal communities of an area. In this regard, studying and summarizing the flora and fauna on the territory of the study area have a crucial role, both in scientific and social-economic aspect. Knowing the Massanjore dam is the major precoding for making the dam preferred destination for alternative tourism. At the same time, studying the biodiversity provides a solid basis for all future activities to be planned in a manner to minimize negative impacts on species and their habitats. The aim of our study makes a list the flora & fauna species and ecological communities observed on site. The present study addresses the importance of the bio-wealth in urban areas to maintain the urban biodiversity to the all participants. We recorded 64 plant species under 22 families whereas 98 species of fauna are observed in the study area, in which 42 Birds, 38 Butterflies, 3 Reptiles, 6 Dragonflies and 7 Damselflies are recorded.

Highlights:

- **Date:** 22 September 2019
- **Members participated:** Nirjhar Banerjee, Pavel Ghosh, Sushen Ghosh, Uma Dutta, Subhadeep Saha, Rahul Mallick, Rajasi Roy, Subhajit Roy

LIST OF THE PLANT SPECIES OBSERVED WITHIN THE SURVEYED SITE:

LIST OF THE PLANT SPECIES OBSERVED

Name of the species	Family	IUCN Status
<i>Shorea robusta</i> Gaertn.	Dipterocarpaceae	Least Concern
<i>Bombax ceiba</i> L.	Bombacaceae	Not Assessed
<i>Ceiba pentandra</i> (L.) Gaertn.	Bombacaceae	Least Concern
<i>Mangifera indica</i> L.	Anacardiaceae	Data Deficient
<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	Not Assessed
<i>Litchi chinensis</i> Sonn.	Sapindaceae	Vulnerable
<i>Diospyros malabarica</i> (Desr.) Kostel.	Ebenaceae	Not Assessed
<i>Cyanthillium cinerium</i> (L.) H.Rob.	Asteraceae	Not Assessed
<i>Erycibe paniculata</i> Roxb.	Asteraceae	Least Concern
<i>Baliospermum solanifolium</i> (Burm.) Suresh	Euphorbiaceae	Not Assessed
<i>Lygodium flexuosum</i> (L.) Sw.	Lygodiaceae	Not Assessed
<i>Cyathocline pupurea</i> (Buch.-Ham. ex D.Don) Kuntze	Asteraceae	Least Concern
<i>Butea frondosa</i> (Lam.) Taub.	Fabaceae	Not Assessed
<i>Persicaria glabra</i> (Willd.) M.Gómez	Polygonaceae	Least Concern
<i>Bauhinia vahlii</i> Wight & Arn.	Fabaceae	Not Assessed
<i>Woodfordia fruticosa</i> (L.) Kurz.	Lythraceae	Least Concern
<i>Vanda tessallata</i> (Roxb.) Hook. ex G.Don	Orchidaceae	Least Concern
<i>Jacaranda mimosifolia</i> D.Don	Bignoniaceae	Vulnerable
<i>Senna sophora</i> L.	Fabaceae	Not Assessed
<i>Lygodium palmatum</i> (Bernh.) Sw.	Lygodiaceae	Not Assessed
<i>Azadirachta indica</i> A. Juss.	Meliaceae	Least Concern
<i>Echinops echinatus</i> Roxb.	Asteraceae	Not Assessed
<i>Euphorbia neriifolia</i> L.	Euphorbiaceae	Not Assessed
<i>Ficus religiosa</i> L.	Moraceae	Not Assessed
<i>Ailanthus excelsa</i> Roxb.	Simaroubaceae	Not Assessed
<i>Ficus hispida</i> L.f.	Moraceae	Not Assessed
<i>Michelia champaca</i> L.	Magnoliceae	Least Concern
<i>Samanea saman</i> (Jacq.) Merr.	Fabaceae	Not Assessed
<i>Alysicarpus vaginalis</i> (L.) DC.	Fabaceae	Not Assessed
<i>Tephrosia purpurea</i> (L.) Pers.	Fabaceae	Data Deficient
<i>Evolvulus nummularius</i> (L.) L.	Convolvulaceae	Not Assessed
<i>Colbrookea oppositifolia</i> Sm.	Lamiaceae	Not Assessed
<i>Trewia nudiflora</i> L.	Euphorbiaceae	Least Concern
<i>Calotropis gigantea</i> (L.) W.T.Aiton	Asclepiadaceae	Not Assessed
<i>Aegle marmelos</i> (L.) Correa	Rutaceae	Not Assessed
<i>Ficus benghalensis</i> L.	Moraceae	Not Assessed
<i>Acacia auriculiformis</i> Benth.	Fabaceae	Least Concern
<i>Streblus asper</i> Lour.	Rutaceae	Not Assessed
<i>Croton bonplandianus</i> Baill.	Euphorbiaceae	Not Assessed
<i>Tectona grandis</i> L.f.	Lamiaceae	Not Assessed

<i>Dendrocalamus strictus</i> (Roxb.) Nees.	Poaceae	Not Assessed
<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Combretaceae	Not Assessed
<i>Terminalia catappa</i> L.	Combretaceae	Not Assessed
<i>Anacardium occidentale</i> L.	Anacardiaceae	Not Assessed
<i>Peltophorum pterocarpum</i> (DC.) Backer ex Heyne	Fabaceae	Not Assessed
<i>Melia azedarach</i> L.	Meliaceae	Least Concern
<i>Achyranthes aspera</i> L.	Amaranthaceae	Not Assessed
<i>Andrographis paniculata</i> (Burm.f.) Wall. ex.Nees	Acanthaceae	Not Assessed
<i>Elephantopus scaber</i> Linn.	Asteraceae	Not Assessed
<i>Ricinus communis</i> L.	Euphorbiaceae	Not Assessed
<i>Euphorbia hirta</i> L.	Euphorbiaceae	Not Assessed
<i>Flemingia chappar</i> Benth.	Fabaceae	Not Assessed
<i>Mallotus philippensis</i> (Lam.) Mull. Arg.	Euphorbiaceae	Not Assessed
<i>Tridax procumbens</i> (L.) L.	Asteraceae	Not Assessed
<i>Clerodendrum infortunatum</i> L.	Lamiaceae	Not Assessed
<i>Chromolaena odorata</i> (L.) R.M.King & H.Rob	Asteraceae	Not Assessed
<i>Ventilago denticulata</i> Willd.	Rhamnaceae	Not Assessed
<i>Ziziphus mauritiana</i> Lam.	Rhamnaceae	Not Assessed
<i>Vachellia nilotica</i> (L.) P.J.H. Hurter & Mabb.	Fabaceae	Least Concern
<i>Moringa oleifera</i> Lam.	Moringaceae	Not Assessed
<i>Schleichera oleosa</i> (Lour.) Oken	Sapindaceae	Not Assessed
<i>Hemidesmus indicus</i> (L.) R. Br.	Asclepiadaceae	Not Assessed
<i>Madhuca longifolia</i> (L.) J.F. Macbr.	Sapotaceae	Not Assessed
<i>Solanum sisymbriifolium</i> Lam.	Solanaceae	Not Assessed
<i>Leonotis nepetifolia</i> (L.) R. Br.	Lamiaceae	Not Assessed
<i>Psidium guajava</i> L.	Myrtaceae	Least Concern
<i>Mimusops elengi</i> L.	Sapotaceae	Least Concern

LIST OF THE AVIAN SPECIES OBSERVED

Family	Common name	Scientific name
Accipitridae	Black-Winged Kite	<i>Elanus caeruleus</i>
Accipitridae	Shikra	<i>Accipiter badius</i>
Accipitridae	Oriental Honey - Buzzard	<i>Pernis ptilorhynchus</i>
Accipitridae	Chested Serpent Eagle	<i>Spilornis cheela</i>
Columbidae	Eurasian Collared Dove	<i>Streptopelia decaocto</i>
Columbidae	Spotted Dove	<i>Spilopelia chinensis</i>
Columbidae	Laughing Dove	<i>Spilopelia senegalensis</i>
Alcedinidae	White-throated Kingfisher	<i>Halcyon smyrnensis</i>
Coraciidae	Indian Roller	<i>Coracias benghalensis</i>
Meropidae	Green Bee- eater	<i>Merops orientalis</i>
Cuculidae	Asian Koel	<i>Eudynamis scolopaceus</i>
Cuculidae	Greater Coucal	<i>Centropus sinensis</i>
Phasianidae	Indian Peafowl	<i>Pavo cristatus</i>
Phasianidae	Grey Francolin	<i>Francolinus pondicerianus</i>



Aegithinidae	Common Iora	<i>Aegithina tiphia</i>
Cisticolidae	Common Tailorbird	<i>Orthotomus sutorius</i>
Cisticolidae	Ashy Prinia	<i>Prinia socialis</i>
Corvidae	House Crow	<i>Corvus splendens</i>
Corvidae	Rufous Treepie	<i>Dendrocitta vagabunda</i>
Dicruridae	Black Drongo	<i>Dicrurus macrocercus</i>
Laniidae	Brown Shrike	<i>Lanius cristatus</i>
Leiothrichidae	Jungle Babbler	<i>Argya striata</i>
Motacillidae	White -browed Wagtail	<i>Motacilla maderaspatensis</i>
Motacillidae	Olive -backed Pipit	<i>Anthus hodgsoni</i>
Muscicapidae	Oriental Magpie Robin	<i>Copsychus saularis</i>
Muscicapidae	Indian Robin	<i>Coracias benghalensis</i>
Muscicapidae	Taiga Flycatcher	<i>Ficedula albicilla</i>
Nectariniidae	Purple Sunbird	<i>Cinnyris asiaticus</i>
Oriolidae	Black -hooded Oriole	<i>Oriolus xanthornus</i>
Oriolidae	Indian Golden Oriole	<i>Oriolus kundoo</i>
Passeridae	House Sparrow	<i>Passer domesticus</i>
Pycnonotidae	Red-vented Bulbul	<i>Pycnonotus cafer</i>
Pycnonotidae	Red- wishkered Bulbul	<i>Pycnonotus jocosus</i>
Sturnidae	Asian Pied Starling	<i>Gracupica contra</i>
Sturnidae	Chestnut-tailed Starling	<i>Sturnia malabarica</i>
Sturnidae	Bank Myna	<i>Acridotheres ginginianus</i>
Sturnidae	Common Myna	<i>Acridotheres tristis</i>
Ardeidae	Little Egret	<i>Microcarbo niger</i>
Ardeidae	Cattle Egret	<i>Bubulcus ibis</i>
Megalaimidae	Coppersmith Barbet	<i>Megalaima haemacephala</i>
Psittaculidae	Rose-ringed Parakeet	<i>Psittacula krameri</i>
Psittaculidae	Plum-headed Parakeet	<i>Psittacula cyanocephala</i>

LIST OF THE BUTTERFLES OBSERVED

Family	Common Name	Scientific Name
Lycaenidae	Dark Cerulean	<i>Jamides bochus</i>
Lycaenidae	Common Cerulean	<i>Jamides celeno</i>
Lycaenidae	Pale Grass Blue	<i>Pseudozizeeria maha</i>
Lycaenidae	Plains Cupid	<i>Chilades pandava</i>
Lycaenidae	Zebra Blue	<i>Leptotes plinius</i>
Lycaenidae	Indian Oakblue	<i>Arhopala atrax</i>
Lycaenidae	Large Oakblue	<i>Arhopala amantes</i>
Lycaenidae	Tiny Grass Blue	<i>Zizula hylax</i>
Lycaenidae	Dark Grass Blue	<i>Zizeeria karsandra</i>
Lycaenidae	Lime Blue	<i>Chilades lajus</i>
Lycaenidae	Forget -Me- Not	<i>Catochrysops strabo</i>



Lycaenidae	Tailless Lineblue	<i>Prosotas dubiosa</i>
Pieridae	Common Grass Yellow	<i>Eurema hecabe</i>
Pieridae	Common Emigrant	<i>Catopsilia pomona</i>
Pieridae	Common Emigrant	<i>Catopsilia pomona</i>
Pieridae	Psyche	<i>Leptosia nina</i>
Papilionidae	Common Mormon	<i>Papilio polytes</i>
Papilionidae	Blue Mormon	<i>Papilio polymnestor</i>
Papilionidae	Common Lime	<i>Papilio demoleus</i>
Papilionidae	Common Rose	<i>Pachliopta aristolochiae</i>
Papilionidae	Spot Swordtail	<i>Graphium nomius</i>
Papilionidae	Common Jay	<i>Graphium doson</i>
Nymphalidae	Plain Tiger	<i>Danaus chrysippus</i>
Nymphalidae	Blue Pansy	<i>Junonia orithyia</i>
Nymphalidae	Grey Pansy	<i>Junonia atlites</i>
Nymphalidae	Peacock Pansy	<i>Junonia almana</i>
Nymphalidae	Common Sailor	<i>Neotis hylas</i>
Nymphalidae	Common Leopard	<i>Phalanta phalantha</i>
Nymphalidae	Common Castor	<i>Ariadne merione</i>
Nymphalidae	Tawny Coster	<i>Acraea terpicore</i>
Nymphalidae	Common Bushbrown	<i>Mycalesis perseus</i>
Nymphalidae	Common Crow	<i>Euploea core</i>
Nymphalidae	Common Fourring	<i>Ypthima huebneri</i>
Nymphalidae	Blue Tiger	<i>Trirumala limniace</i>
Hesperiidae	Chesnut Bob	<i>Iambrix salsala</i>
Hesperiidae	Grass Demon	<i>Udaspes folus</i>
Hesperiidae	Common Banded Awl	<i>Hasora chromus</i>
Hesperiidae	Fulvous Pied Flat	<i>Pseudocoladenia dan</i>

LIST OF THE DAMSELFLIES OBSERVED

Family	Common Name	Scientific Name
Coenagrionidae	Coromandel Marsh Dart	<i>Ceriagrion coromandelianum</i>
Platynemididae	Black Marsh Dart	<i>Onychargia atrocyana</i>
Coenagrionidae	Pygmy Dartlet	<i>Agriocnemis pygmaea</i>
Coenagrionidae	Golden Dartlet	<i>Ischnura aurora</i>
Platoneuridae	Black-Winged Bambootail	<i>Prodasineura verticalis</i>
Coenagrionidae	Milky Dartlet	<i>Agriocnemis lacteola</i>

LIST OF THE DRAGONFLIES OBSERVED

Family	Common Name	Scientific Name
Libellulidae	Black Stream Glider	<i>Trithemis festiva</i>
Libellulidae	Crimson Marsh Hawk	<i>Trithemis aurora</i>
Libellulidae	Green Marsh Hawk	<i>Orthetrum sabina</i>
Gomphidae	Common Hooktail	<i>Paragomphus lineatus</i>
Gomphidae	Deccan Bowtail	<i>Macrogomphus annulatus</i>
Libellulidae	Long-Legged Marsh Glider	<i>Trithemis pallidinervis</i>

LIST OF THE REPTILES OBSERVED

Family	Common Name	Scientific Name
Agamidae	Garden lizard	<i>Calotes versicolor</i>
Scincidae	Indian Mabuya	<i>Eutropis carinata</i>
Agamidae	Indian Rock Agama	<i>Psammophilus sp.</i>



Shot on OnePlus

SEASONWATCH: KNOW OUR TREES



SeasonWatch is a Pan-India program that studies the changing seasons by monitoring seasonal cycles of flowering, fruiting and leaf-flush of common trees. It is organised by Nature Conservation Foundation. It is a Citizen Science Program that involves people of all ages, interested in trees and in the rapidly changing climate. It requires downloading an Android application in the smartphone, and then feeding the data in the application while surveying the trees and their morphological observations. Durgapur WINGS, has been a part of this initiation since its inception in December 2018, and had organized “Know Your Trees” Campaign, in anticipation of SeasonWatch , in several phases across the months of September and December 2019.

2019

Durgapur WINGS registered a unique feat of being the ‘numero uno’ Institutional Participant of SeasonWatch Eastern Zone, and the seventh largest contributor on All-India Basis.

2020

A similar initiative was in the pipeline for March 2020, but later the proposal for the same, was withdrawn, due to the COVID-19 Pandemic Crisis.



AWARENESS CAMPAIGN & WILDLIFE PHOTO EXHIBITION

Among many other activities which Durgapur WINGS organizes round the year to spread the idea of establishing harmony between man and nature, one such event was organized in the month of October, 2019 at B2 down, Sarbojanin Durga Puja Pandal, in collaboration with the Sarbojanin Durga Puja Committee, B2 colony, Durgapur.



An awareness campaign was organized amidst the holy chants of Devi Durga, at the Puja Pandal on the auspicious evening of Shasti, or the Sixth day of the nine-day long NAVRATRA devoted to the worship of Hindu Deity, Devi DURGA. Our General Secretary and Treasurer presided over the session with delivering talk upon the importance of Conservation of Mother Nature, also personified as one amongst many of the AVATAR of Devi Durga as per Hindu Mythology. The talk was presented to outreach the idea to the numerous pandal-hoppers who visited the pandal.

Beside the awareness campaign, a two-day long wildlife Photo-exhibition was also organized at the same pandal premises, to showcase the hidden beauties of Nature and its elements being captured through the lenses of numerous budding photographers as well as nature enthusiasts from different parts of the country and even cross border participation from Bangladesh. The visitors really appreciated the good work. It is worth of mention that the judges unanimously selected a photo amongst the numerous entries that we got, as the best photograph which happened to be the international entry from Bangladesh, and thus in this way Durgapur WINGS provided a stage to showcase talent from across the border. Prize was given to the winner on 11.10.2019.

In this way Durgapur WINGS concluded another event amidst the holy vibes of Durga Puja.

We are thankful to Subhadeep Saha, one of our governing body members, who collaborated with the Puja Committee and structured the whole event along with Debayan Gayen (executive member), Pavel Ghosh (General Secretary), and Rahul Mallick (Treasurer).

Special Note of Thanks for the B2 Down Sarbojanin Durga Puja Committee for their patronage towards the successful execution of the whole event beside of providing us with the opportunity for organizing the same.....



Prized as showcased during photography exhibition



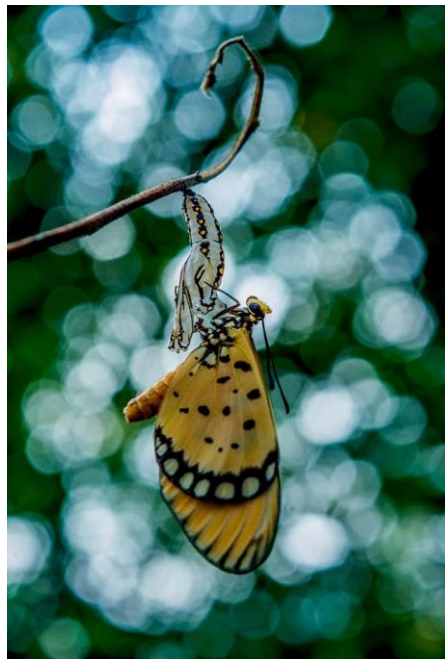
Rank#1: Sumon Das



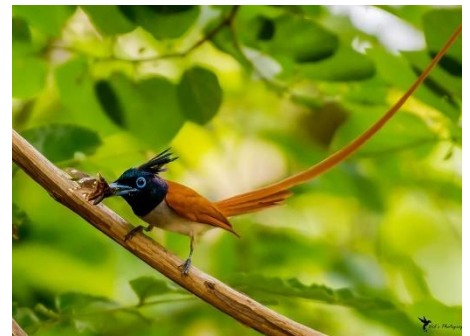
Rank#2: Subhadeep Saha



Rank#1: Babai Daripa



Rank #2: Suman Mukherjee



Rank#3: Dibyendu Karmakar

PUJO MOTH WATCH 2019

It was a very unique event since this was the first time a Mothing event was organised in Paschim Bardhaman District. 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. There are more than 1,400 species of butterflies in India, but moths reportedly outnumbered the butterflies by about eight times. 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 14 October- 16 November 2018. The highly successful annual moth recording program held throughout Paschim Bardhaaman. The Puja Moth Watch 2019 was held between 10 October-28 November. The campaign witnessed good participation with over 94 observations being uploaded from across the state. Participation was extremely diverse ranging from individuals and families looking for moths in their own backyards or pandals. Participants were also encouraged to become citizen scientists, and were mentored on how to document moths in their backyards, parks, and neighbourhoods, as well as contribute scientific data about moths.

Highlights:

- **Date:** 10 October to 28 November 2019 (Durga puja to Kali puja)
- **Place:** Throughout West Bengal
- **Targeted area:** Puja Mandap
- **Number of participants:** 22

CHECKLIST OF THE MOTH RECORDED

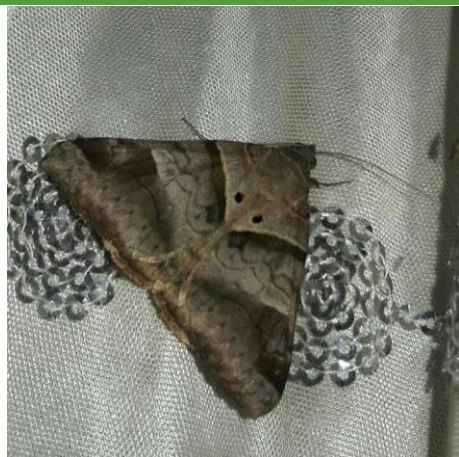
No	Family	Scientific Name	Common Name	Town/Village	District
1	Bombycidae	<i>Trilocha sp.</i>	-	Durgapur	Paschim Bardhaman
2	Blastobasidae	<i>Blastobasis sp.</i>	-	Durgapur	Paschim Bardhaman
3	Crambidae	<i>Paliga machoeralis</i>	-	Durgapur	Paschim Bardhaman
4	Crambidae	<i>Metoea foedalis</i>	-	Durgapur	Paschim Bardhaman
5	Crambidae	<i>Cnaphalocrocis medinalis</i>	Rice leafroller moth	Durgapur	Paschim Bardhaman
6	Crambidae	<i>Omphisa sp.</i>	-	Laudoha	Paschim Bardhaman
7	Crambidae	<i>Cydalima laticostalis</i>	-	Durgapur ,Chittaranjan	Paschim Bardhaman
8	Crambidae	<i>Dysallacta negatalis</i>	-	Laudoha	Paschim Bardhaman
9	Crambidae	<i>Synclera traducalis</i>	Variegated pearl moth	Durgapur	Paschim Bardhaman
10	Crambidae	<i>Paliga machoeralis</i>	-	Durgapur	Paschim Bardhaman
11	Crambidae	<i>Herpetogramma sp.</i>	-	Chittaranjan	Paschim Bardhaman
12	Crambidae	<i>Parapoynx stagnalis</i>	Rice caseworm moth	Chittaranjan,	Paschim Bardhaman
13	Crambidae	<i>Spoladea recurvalis</i>	Beet webworm moth	Chittaranjan,	Paschim Bardhaman
14	Crambidae	<i>Parapoynx fluctuosalis</i>	-	Chittaranjan , Durgapur	Paschim Bardhaman
15	Crambidae	<i>Haritalodes derogata</i>	Cotton leaf roller moth or bhindi leaf roller	Chittaranjan	Paschim Bardhaman
16	Crambidae	<i>Pyrausta phoenicealis</i>	Perilla leaf moth	Chittaranjan	Paschim Bardhaman
17	Crambidae	<i>Hydriris sp.</i>	-	Chittaranjan	Paschim Bardhaman
18	Crambidae	<i>Ostrinia furnacolis</i>	Asian corn borer	Durgapur	Paschim Bardhaman
19	Crambidae	<i>Parotis sp.</i>	-	Durgapur	Paschim Bardhaman
20	Crambidae	<i>Scirpophaga incertulas</i>	Yellow stem borer	Durgapur	Paschim Bardhaman
21	Crambidae	<i>Eurrhyarodes tricoloralis</i>	-	Durgapur	Paschim Bardhaman
22	Crambidae	<i>Antigastra catalaunalis</i>	-	Durgapur	Paschim Bardhaman
23	Crambidae	<i>Mabra sp.</i>	-	Durgapur	Paschim Bardhaman
24	Drepanidae	<i>Tridrepana sp.</i>	-	Chittaranjan	Paschim Bardhaman
25	Erebidae	<i>Oraesia sp.</i>	-	Laudoha ,	Paschim Bardhaman
26	Erebidae	<i>Asota ficus</i>	-	Durgapur ,Chittaranjan	Paschim Bardhaman
27	Erebidae	<i>Amata sp.</i>	-	Asansol	Paschim Bardhaman
28	Erebidae	<i>Asota caricae</i>	Tropical tiger moth	Chittaranjan,	Paschim Bardhaman

29	Erebidae	<i>Hypena sp.</i>	-	Durgapur, Chittaranjan	Paschim Bardhaman
30	Erebidae	<i>Grammodes geometrica</i>	-	Durgapur, Chittaranjan	Paschim Bardhaman
31	Erebidae	<i>Cyana hemata</i>	-	Chittaranjan	Paschim Bardhaman
32	Erebidae	<i>Lyclene sp.</i>	-	Durgapur	Paschim Bardhaman
33	Erebidae	<i>Lymantria semicineta</i>	-	Chittaranjan	Paschim Bardhaman
34	Erebidae	<i>Hipoepa sp.</i>	-	Chittaranjan, Durgapur,	Paschim Bardhaman
35	Erebidae	<i>Cretonotos transiens</i>	-	Durgapur	Paschim Bardhaman
36	Erebidae	<i>Cretonotos gangis</i>	-	Chittaranjan,	Paschim Bardhaman
37	Erebidae	<i>Mocis frugalis</i>	Sugarcane looper	Chittaranjan,	Paschim Bardhaman
38	Erebidae	<i>Mocis undata</i>	Brown-striped semilooper	Chittaranjan,	Paschim Bardhaman
39	Erebidae	<i>Hulodes caranea</i>	-	Chittaranjan,	Paschim Bardhaman
40	Erebidae	<i>Arctornis sp.</i>	-	Chittaranjan,	Paschim Bardhaman
41	Erebidae	<i>Lacera sp.</i>	-	Durgapur	Paschim Bardhaman
42	Erebidae	<i>Anomis sp.</i>	Angled gem	Chittaranjan,	Paschim Bardhaman
43	Erebidae	<i>Bastilla sp.</i>	-	Chittaranjan, Durgapur, Laudoha	Paschim Bardhaman
44	Erebidae	<i>Rajendra vittata</i>	-	Chittaranjan	Paschim Bardhaman
45	Erebidae	<i>Mangina argus</i>	Crotalaria podborer	Chittaranjan,	Paschim Bardhaman
46	Erebidae	<i>Ericeia inangulata</i>	Sober tabby	Chittaranjan	Paschim Bardhaman
47	Erebidae	<i>Eublemma sp.</i>	-	Chittaranjan	Paschim Bardhaman
48	Erebidae	<i>Bruniaantica</i>	-	Durgapur	Paschim Bardhaman
49	Erebidae	<i>Hypopyra sp.</i>	-	Durgapur	Paschim Bardhaman
50	Erebidae	<i>Orvasca sp.</i>	-	Chittaranjan	Paschim Bardhaman
51	Erebidae	<i>Arna sp.</i>	-	Chittaranjan, Durgapur	Paschim Bardhaman
52	Erebidae	<i>Lyclene sp.</i>		Durgapur, Deul	Paschim Bardhaman
53	Erebidae	<i>Goniocraspedon mistura</i>	-	Durgapur	Paschim Bardhaman
54	Erebidae	<i>Nodaria sp.</i>	-	Durgapur	Paschim Bardhaman
55	Erebidae	<i>Rivula sp.</i>	-	Durgapur	Paschim Bardhaman
56	Erebidae	<i>Chalciope mygdon</i>	-	Durgapur	Paschim Bardhaman
57	Erebidae	<i>Hypocala sp.</i>	-	Deul	Paschim Bardhaman
58	Erebidae	<i>Eudocima materna</i>	Dot –underwing moth	Durgapur	Paschim Bardhaman
59	Erebidae	<i>Orgyia sp.</i>	-	Bijra	Paschim Bardhaman

60	Erebidae	<i>Pindara illibata</i>		Chittaranjan	Paschim Bardhaman
61	Euteliidae	<i>Penicillaria jocosatrix</i>	-	Chittaranjan	Paschim Bardhaman
62	Geometridae	<i>Traminda mundissima</i>	-	Chittaranjan	Paschim Bardhaman
63	Geometridae	<i>Cleora sp.</i>	-	Durgapur,	Paschim Bardhaman
64	Geometridae	<i>Scopula sp.</i>	-	Durgapur,	Paschim Bardhaman
65	Geometridae	<i>Scopula pulchellata</i>	-	Durgapur	Paschim Bardhaman
66	Geometridae	<i>Hyperythra lutea</i>	-	Chittaranjan	Paschim Bardhaman
67	Geometridae	<i>Gonodontis sp.</i>	-	Chittaranjan	Paschim Bardhaman
68	Geometridae	<i>Pelagodes sp.</i>	-	Jamuria, Durgapur	Paschim Bardhaman
69	Geometridae	<i>Spaniocentra sp.</i>	-	Chittaranjan	Paschim Bardhaman
70	Geometridae	<i>Eumelea rosalia</i>	-	Durgapur	Paschim Bardhaman
71	Noctuidae	<i>Callopietria sp.</i>	-	Chittaranjan,	Paschim Bardhaman
72	Noctuidae	<i>Aegocera venulia</i>	-	Durgapur barrage	Bankura
73	Noctuidae	<i>Spodoptera mauritia</i>	-	Durgapur	Paschim Bardhaman
74	Noctuidae	<i>Mecodina sp.</i>	-	Chittaranjan	Paschim Bardhaman
75	Noctuidae	<i>Antheua exanthemata</i>	-	Chittaranjan	Paschim Bardhaman
76	Noctuidae	<i>Anticarsia irrorata</i>	-	Chittaranjan	Paschim Bardhaman
77	Noctuidae	<i>Anadevidia peponis</i>	-	Chittaranjan	Paschim Bardhaman
78	Noctuidae	<i>Mythimna separata</i>	Oriental armyworm or rice cutting moth	Chittaranjan	Paschim Bardhaman
79	Noctuidae	<i>Helicoverpa armigera</i>	Cotton bollworm or corn earworm	Chittaranjan	Paschim Bardhaman
80	Noctuidae	<i>Zonoplusia sp.</i>	-	Durgapur	Paschim Bardhaman
81	Noctuidae	<i>Ozarba sp.</i>	-	Durgapur	Paschim Bardhaman
82	Notodontidae	<i>Tarsolepsis sp.</i>	-	Chittaranjan	Paschim Bardhaman
83	Nolidae	<i>Nola sp.</i>	-	Pandaveswar, Chittaranjan	Paschim Bardhaman
84	Nolidae	<i>Earias cupreoviridis</i>	-	Durgapur	Paschim Bardhaman
85	Pterophoridae	<i>Lantanophaga pusillidactylus</i>	-	Durgapur	Paschim Bardhaman
86	Pterophorida	<i>Exelastis pumilio</i>	-	Durgapur	Paschim Bardhaman
87	Scythrididae	<i>Eretmocera cf impactella</i>	-	Durgapur	Paschim Bardhaman
88	Sphingidae	<i>Theretra silhetensis</i>	Brown banded hunter hawk moth	Durgapur, Pandaveswar	Paschim Bardhaman
89	Sphingidae	<i>Theretra clotho</i>	-	Durgapur,	Paschim Bardhaman
90	Sphingidae	<i>Psilogramma sp.</i>	-	Chittaranjan	Paschim Bardhaman

91	Sphingidae	<i>Ambulyx liturata</i>	-	Durgapur	Paschim Bardhaman
92	Tineidae	<i>Phereoeca sp.</i>	-	Durgapur	Paschim Bardhaman
93	Tortricidae	<i>Adoxophyes sp.</i>	-	Durgapur	Paschim Bardhaman
94	Tortricidae	<i>Cydia sp.</i>	-	Durgapur	Paschim Bardhaman

SOME IMAGES



Mocis undata



Pseudonoorda rubricostalis



Asota ficus



Thyas coronata



Cydalima laticostalis



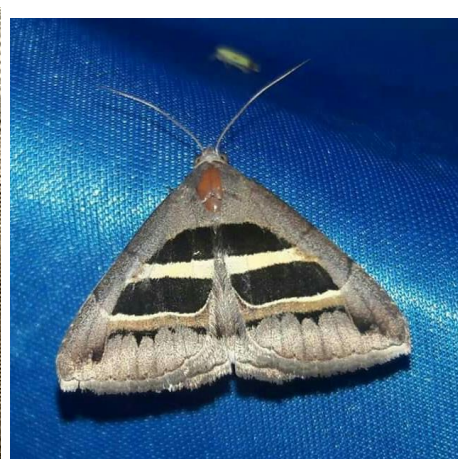
Mangina argus



Penicillaria jocosatrix



Traminda mundissima



Grammodes geometrica

NATURE WALK: SUNDARBAN



The Sundarbans National Park is a national park, tiger reserve, and biosphere reserve in West Bengal, India. It is one of the UNESCO World Heritage Sites and also a Ramsar Site. It is part of the Sundarbans on the Ganges Delta, and adjacent to the Sundarban Reserve Forest in Bangladesh. The Sundarban National Park is located between 21° 43' to 21° 55' N latitude and between 88° 42' to 89° 04' E longitude. The average altitude of the park is 7.5 m above sea level. The park is composed of 54 small islands and intersected by several distributaries of the Ganges River. It consists of most part of South 24 Parganas and parts of North 24 Parganas in West Bengal. The delta is densely covered by mangrove forests, and is one of the largest reserves for the Bengal tiger.

Flora: The coastal active delta of Sunderban at the mouth of Bay of Bengal in Bangladesh, having a complex geomorphologic and hydrological character with climatic hazards, has a vast area of mangrove forests with a variety of flora in a unique ecosystem. More than 64 mangrove tree species and mangrove associated plant species are reported from this region. In our trip we observed about 32 plant species which includes *Ceriops decandra* (Jele Goran), *Heritiera fomes* (Sundari) at Sajnekhali Nature Interpretation Centre, *Nypa fruticans* (Golpata), *Phoenix palludosa* (Hental).

Highlights:

- **Place:** Bali Island, Sarak-khali I, II, Pirkhali-V, VI, VII, Deulvarani, Chora Gajikhali, Borogaji, Dobaki, Sudhanyakhali, Panchamukhani, Amlamethir Char
- **Date:** 1 November 2019 to 4 November 2019
- **Member participated:** Sagar Adhurya, Debayan Gayen, Pavel Ghosh, Satyajit Mandal, Subhadeep Saha, Mantu Hait

Fauna: The world's largest mangrove with its peculiar type of habitat is a home to various birds, reptiles, mammals and amphibians. During our Nature Walk, we observed more than 80 species of birds and 5 species of mammals from that area. Among the birds and mammals, mention may be made of Collared Kingfisher, Black capped Kingfisher, Brown winged Kingfisher, Peregrine falcon, Changeable Hawk-eagle, White bellied Sea eagle, Wild Boar, spotted deer and many more. 9 species of herpetofauna were also recorded which includes the Saltwater Crocodile, Water Monitor Lizard, Red tailed Bamboo pit-viper and Dog faced water snake. About 12 species of butterflies and dragonflies were also observed during this trip.



Water Monitor Lizard



White Tiger



Tickell's Thrush



Black-capped Kingfisher



Blue-spotted Mudskipper



Mangrove Date Palm



Saltwater Crocodile



Wild Boar



Brown-winged Kingfisher



Mangrove Apple



Cannonball Mangrove



Lesser Adjutant

GREEN PICNIC MISSION

Green Picnic mission (GPM) is the name of the hallmark initiative designed & organised by Durgapur Wildlife Information & Nature Guide Society, (aka Durgapur WINGS) as a 3-day long awareness campaign to educate and inspire normal masses about the negative impacts which pollution implies upon the biodiversity and hence, how we can mitigate those ill-effects and contribute towards creating a healthy, eco-friendly & sustainable environment.

It all started in the winters of 2016, with a Facebook post addressed to the DFO/Durgapur by one of our senior member about the plethora of plastic wastes being scattered at the premises of the Durgapur Barrage (built on the banks of river Damodar), particularly during the winter season marked by huge gatherings of people for PICNIC & other recreational activities. Himself being a birder and nature enthusiast, Nirjhar Banerjee urged forest officials through his post to take necessary steps to minimise this mayhem being caused to the local biodiversity, since most of the plastic wastes were going unchecked & getting dumped into the river beds of Damodar and hence affecting the biodiversity. The year marked the onset of this awareness campaign under the then name of Durgapur Barrage Cleaning Campaign with only **five** on-field volunteers, along with assistance provided by the Divisional Forest Office, Durgapur.

Gradually the volunteers grew in number along with active participation being witnessed from Durgapur Government College, The New Horizons Institute of Technology, Durgapur Snake & Wild Lovers group and of course, Divisional Forest Office, Durgapur in the succeeding years. Soon after, it was observed that the above-mentioned mayhem was caused not only at Durgapur barrage, but in the other adjacent hotspots for picnic as well. With a growth in the number of volunteers and stakeholders, the core team decided to expand their areas of operation and educate more and more people about this social issue. Hence in the year 2018-2019, green picnic mission was organised at new neighbouring locations like the Nachan dam, Deul Park and of course, the mighty Maithon dam, which is worth of a mention since with this we went across state border and successfully carried out the event in the state of Jharkhand.

This year, that is 2019-2020, two other NGOs joined their hands with us, namely, Amra Kajan Nature Club and FOCUSS- the pride of Durgapur, along with the other institutions as well. This year also we continued our “operation expansion” drill with including the Nil-Nirjon Dam in the list, & hence included one more district, that is the Birbhum district, West Bengal.

Green Picnic Mission, as the name suggests, was designed with the sole purpose of creating awareness, and educating the masses about the adversities our activities for mere recreation, impose upon the biodiversity directly and onto us, indirectly.

The main objectives which we promote through this campaign are:

- ✓ Usage of eco-friendly alternatives to Thermocol or one-time use plastic plates and glasses during picnics
- ✓ Avoid litter of non-biodegradable wastes around the picnic area & the adjoining premises.
- ✓ Refrain from playing music at high volume near the water bodies (within 100 meters from the periphery of the water body) as it creates noise pollution and hence is a punishable offence under the National Green Tribunal, 2016 order.
- ✓ To not indulge in activities like harassment/catching/killing wild plants and animals for recreation, as it being a punishable offence under WILDLIFE PROTECTION ACT, 1972.

Pre-event Meeting



Meeting at Durgapur Barrage on 5 December 2019 with officials from Subdivisional Magistrate office, Divisional Forest Office, Irrigation department, West Bengal Pollution Control Board, police officials and other some officer



Site inspection at Durgapur Barrage on 5 December 2019 after meeting



Administrative meeting at Deul Park with officers from SDM-Durgapur office, local administration at Deul, BDO Kanksa, Deul Park committee and our members



Inauguration of special dresses for Green Picnic Mission volunteers provided by SDM Durgapur office by SDM-Durgapur, DFO Durgapur, DMDC Durgapur and President Durgapur WINGS

Durgapur Barrage



Volunteers with DFO/Durgapur and his forces on 25 December



Group photo of the volunteers on 1 January



Group photo of our collaborator NSS unit, Durgapur Govt. College on 31 December



Group photo with SDM/Durgapur and his officials, Neo Metaliks and other officials on 31 December 2019



Volunteer awarding picnickers with leaflets



Volunteers cleaning plastic and thermocols



Permanent banner



Dumping of collected non-biodegradable product at permanent dustbins



Volunteers making awareness to picnickers



Stall for volunteers by Neo metaliks



Group photo on 25 December 2019



Volunteers cleaning barrage

Nachan Theme Park



Volunteers with forest force



Volunteers generating awareness



Volunteers with forest force providing paper cup in exchange of plastic glass to picnickers

Nil Nirjone Dam, Birbhum district



Jhargram District



Picnickers with leaflets



Green Picnic Mission banner at Chilkigarh



Use of thermocol at Pakhiralaya

Deul Park



Volunteers making awareness among picnickers on 25.12.2019



Volunteers making awareness among picnickers on 25.12.2019



Volunteers with BDO Kanksa and his team



Awareness to stall regarding the harmful effect of plastic glass on 31 December 2019



Picnickers were not ready to stop DJ box



Volunteers cleaning Deul



Large DJ boxes are not easy to handle



Volunteers with police on 1 January 2020



Volunteers making awareness among picnickers on 25.12.2019

Maithon Dam



Member destroying plastic glass on 1 January 2020



Volunteers and forest guard on 1 January 2020



Volunteers with collected non-biodegradable matter on 1 January 2020



Picnicker delivering thermocol bowls on 1 January 2020



Group photo after work on 1 January 2020



Member explaining leaflet to police official on 1 January 2020



Use of plastic and thermocol by unaware picnicker on 1 January 2020



Volunteer after work on 25 December 2019



Volunteers on 1 January 2020



Police controlling violence on 1 January 2020



Dumping garbage at proper place



Picnickers killing plastics



Through the three day long awareness campaign we not only aim to educate the picnickers about the ill-effects but also present this message to them, 'of not organising recreation at the cost of hurting our Mother Nature', a thought to contemplate upon, and how they can act at individual level to mitigate this global crisis, named POLLUTION.

We feel really honoured beside being grateful to Durgapur Forest division, West Bengal Pollution Control Board-Durgapur, Durgapur Government College, The New Horizons Institute of Technology, Durgapur Snakes and Wild Lovers Group, both FOCUSS and Amra Kajan Nature Club and all the volunteers who volunteered for the campaign and made it a successful event. A special note of thanks for our respected Sub-Divisional Magistrate of Durgapur, Mr. Anirban Koley and his team for extending their support for successful execution of the entire process of GREEN PICNIC MISSION. We are also thankful to

We, the members at Durgapur WINGS have always strived to be the change and contribute towards the betterment of our Environment, may it be through Green Picnic Mission or other activities. All we want is a greener, and sustainable environment for us and our future generations as well.

Highlights:

- **Date:** 25 December 2019 to 1 January 2020
- **Place:** Durgapur Barrage, Maithon Dam, Nil Nirjone Dam, Deul Park, Nachan Theme Park, Chilkigarh, Pakhiralay
- **Collaborator:**
 - **Administrative:** Office of Sub-Divisional Magistrate-Durgapur, Divisional Forest Office-Durgapur & Jhargram, Office of Chief Conservator of Forest-South East Circle, West Bengal Pollution Control Board-Durgapur, Irrigation Department-Damodar Headworks
 - **Infrastructure and funding:** The New Horizon Institute of Technology, New Metaliks, Shyam Steel
 - **Volunteer support:** FOCUSS the pride of Durgapur, Amra Kajan Nature Club, Durgapur Government College, The New Horizon Institute of Technology
- Event website: www.wildwingsindia.in/gpm.php

Newspaper clips



NATURE WALK: BAKKHALI-FRASERGUNJ-HENRY'S ISLAND



Bakkhali is a village within the jurisdiction of the Namkhana police station in the Namkhana CD block in the Kakdwip Subdivision of the South 24 Parganas district in the Indian state of West Bengal. Fraserganj and Henry's island are also situated in the same district and lies in the coastal areas of West Bengal.



Red Ghost Crab

Flora: Bakkhali-Fraserganj-Henrys Island is also a home to many floral species. We observed about 11 plant species in our trip which includes *Excoecaria agallocha* (Geoa), *Heliotropium curassavicum*, *Finlayfolia ovovata* (Dudhi lata), *Avicennia alba* (Peyara bayen) and



Waders

many more.

Fauna: During our Nature Walk, we observed more than 60 species of birds and 5 species of reptiles from that area. Among the birds and mammals, mention may be made of Collared Kingfisher, Black capped Kingfisher, Brown winged Kingfisher, Peregrine falcon, Changeable Hawk-eagle, White bellied Sea eagle, the herpetofauna includes the Saltwater Crocodile, Water Monitor Lizard, Common garden Lizard and Rat snake.

Highlights:

- **Place:** Bakkhali, Fraserganj, Henry's Island
- **Date:** 31 January 2020 to 2 February 2020
- **Members participated:** Pavel Ghosh, Debayan Gayen and Subhadeep Saha

CAMPUS BIRD COUNT



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 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/cbc2020/>. 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.

On 14 February 2020, the event was conducted at UIT, Burdwan with 4 participants. Participants observed a total of 27 species at their college campus with effort of 1 hr. 46 minutes. The checklist can be found at https://ebird.org/gbbc/hotspot/L5449780?yr=EBIRD_GBBC_2020&m=&rank=mrec

On 15th February, 2020, the event was conducted at Durgapur Government College with 20 participants. Participants observed a total of 42 species with effort of 3 hrs 30 min. They covered a distance of 4.18 km. The checklist can be found at <https://ebird.org/india/checklist/S64487769>. Ashy Drongo was first sighting for college campus. Tickell's Thrush and Scaly Thrush was first sighting for Durgapur Subdivision.

Highlights:

- **Place:** UIT Burdwan
- **Date:** 14 February 2020
- **Species observed:** 27
- **Number of participants:** 4
- **Name:** Saikat Adhurya (member), Raunak Kumar, Subhashree Dutta, Adarsh Anand

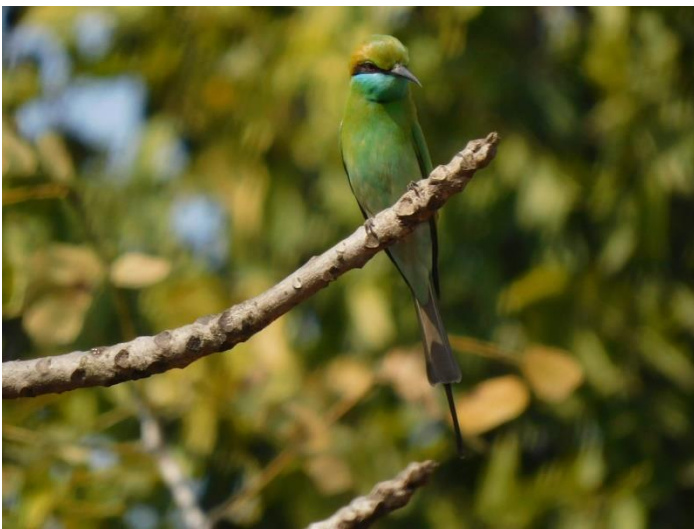
- **Place:** Durgapur Government College
- **Date:** 15 February 2020
- **Species observed:** 42
- **Number of participants:** 18
- **Name of participants:**
Member: Sagar Adhurya, Debayan Gayen, Subhadeep Saha, Uma Dutta, Pallabi Maity, Dibyendu Mondal, Samim Hossain
Non-member: Dr. Tapojit Bhattacharya, Dr. Rajib Biswas, Sanchari Sarkar, Fortune Ahamad, Atasi Chatterjee, Shantanu Paul, Chandrani Ghosh, Mou Das, Sujata Das, Sharmila Soren, Nisha Majhi, Rizia Sultana, Susmita Mondal



Dr. Tapojit Bhattacharya instructing student regarding bird watching at Durgapur Govt. College



Team UIT, Burdwan



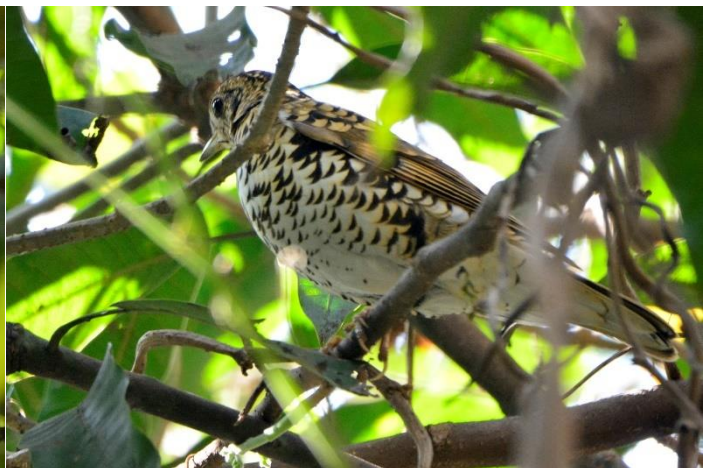
Green Bee-eater



Ashy Drongo



Tickell's Thrush



Scaly Thrush

NIL NIRJONE BIRD WALK



As a sub event of Great Backyard Bird Count, we launched this year 1st Nil Nirjone Bird Walk with only two participants. Due to high winter avian congregation and proximity of the place from our office we decided to start this event to start long term monitoring of avian bird diversity at this place. A total of 7157 individuals belonging to 85 species was recording with an effort of 3 hours. Observers travelled 1.21 mile. Checklist can be found at: <https://ebird.org/checklist/S64492386>. We have plan to continue this event in coming years.

Highlights:

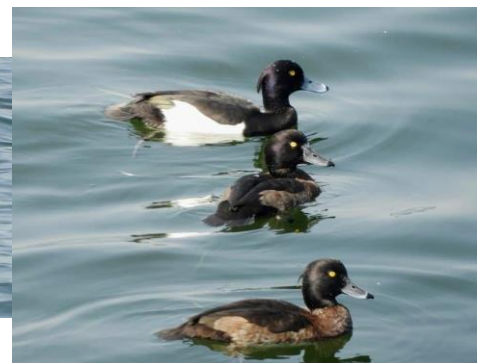
- **Date:** 15 February 2020
- **Place:** Nil Nirjone Dam, Birbhum
- **Number of participants:** 2
- **Name of participants:** Debayan Gayen, Subhadeep Saha
- **Species observed:** 85



Lesser Whistling-Duck



Northern Shoveler



Tufted Duck

DURGAPUR BARRAGE BIRD WALK



Durgapur Barrage Bird Walk is oldest event of our organisation. It's 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 facilitate 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.

This year this event was happened on 16th February. The species recorded during this year's Durgapur Barrage Bird Count can be found at https://ebird.org/gbbc/hotspot/L2419883?yr=EBIRD_GBBC_2020&m=&rank=mrec. A total of 70 confirmed species recorded during this year's GBBC based on 9 submitted checklist. Total 33 people participated in birding which is also is highest in Durgapur Barrage Bird Walk's history.

Notable observation includes high count of Small Pratincole (600+) and Kentish Plover. In addition, we unable to record two common species: Wood Sandpiper and Little Stint and we recorded lowest number for Barn Swallows.

Highlights:

- **Date:** 16 February 2020
- **Place:** Durgapur Barrage, Bankura district
- **Number of participants:** 33
- **Number of species recorded:** 70
- **Name of the participants:**
 - **Member:** Sagar Adhurya, Saikat Adhurya, Rupa Ghosh, Dibyendu Mondal, Samim Hossain, Uma Dutta, Soumik Ghosh, Jatin Rajak, Nirjhar Banerjee, Somapika Seal, Debayan Gayen, Satyajit Mandal, Subhadeep Saha
 - **Non-member:** Pratyay Bhattacharya, Debsikha Mahajan, Nandini Shaw, Arnab Goswami, Kaushik Roy, Sudip Baksi, Rajib Dana, Samrat Chakraborty, Dr. Suvamoy Changder, Amar Kumar Nayak, Dr. Nirmal Kumar Jajodia, Dr. Ashish Krishna, Sathi Deghoria, Ruben Mondal, Biswajit nath, Deblina Bhowmik, Dr. Padmawati Bhattacharya, Molay Satapati, Dr. Abhisek Ray, Priyotosh Mandal.



Group photo of the participants



Pratincole there pratincole here....



Small Pratincole



Participants enjoying birding



Ashy Prinia



White Wagtail



Rosy Pipit

SEMINAR/CONFERENCE/TRAINING PROGRAM ATTENDED BY MEMBERS

Our members attended several outside scientific programs and also acted as resource person in some of them. Those are listed below:

CAPACITY BUILDING OF STAKEHOLDERS ON E-WASTE (MANAGEMENT AND HANDLING) RULES 2016 RESTRICTION OF HAZARDOUS SUBSTANCES (ROHS)

- **Member attended:** Sagar Adhurya, Somapika Seal
- **Date:** 12 September 2019
- **Place:** Srijoni Auditorium, Durgapur
- **Organised by:** West Bengal Pollution Control Board, Government of West Bengal

WORKSHOP ON THE USE AND IMPORTANCE OF 'EBIRD' IN BIRDWATCHING

- **Member attended:** Sagar Adhurya, Subhadeep Saha, Satyajit Mandal
- **Date:** 14-15 September 2019
- **Place:** Birla Planetarium, Kolkata
- **Organised by:** Birdwatchers' Society and Bird Count India

A DAY WITH THE HERPWIZARDS

- **Members attended:** Debayan Gayen, Pavel Ghosh, Subhadeep Saha
- **Date:** 16 November 2019
- **Place:** Birla Planetarium, Kolkata
- **Organised by:** Wish Foundation, Kolkata
- **Special activity:** Our member *Debayan Gayen* delivered a lecture on "Anurans of an urban landscape – diversity, distribution patterns and threat."



At Srijoni Auditorium



At the workshop "workshop on the use and importance of 'eBird' in birdwatching"



Our member presenting at "A Day with The Herpwizards"

INVITED LECTURES

In the last year our members were invited to deliver same invited talks:

KANYASHREE DAY

- **Date:** 16 August 2019
- **Place:** Srijoni Auditorium, City Center
- **Talk given by:** Sagar Adhurya
- **Title of the presentation:** Flora and Fauna of Durgapur Subdivision
- **Organiser of the event:** Office of the Sub-Divisional Magistrate, Durgapur

CLIMATE CHANGES AND DEPLETION OF BIODIVERSITY

- **Date:** 19 December 2019
- **Place:** Srijoni Auditorium, City Center
- **Talk given by:** Sagar Adhurya
- **Title of the presentation:** Enchanting Wildlife of Durgapur
- **Organiser of the event:** Office of the Sub-Divisional Magistrate, Durgapur



16 August 2019



19 December 2019

PARTICIPATION AT EVENT

The implementation of a national republic, in India, is ubiquitously celebrated on 26th of January, every year, and is widely acclaimed as the first national holiday of the annual calendar. Durgapur WINGS (Wildlife Information and Nature Guide Society) got a major opportunity to participate in the Republic Day ceremonial events this year, at Chaturanga Maidan, Durgapur. The entire routine of programmes were organised and executed by the Durgapur Sub-Divisional Administration, where we were obliged to participate in the rally of tableaux, as a distinct unit, in association with West Bengal Pollution Control Board, Durgapur Chapter. The event commenced with the flag-hoisting, done by Shri Anirban Koley, SDM Durgapur, in assistance of Shri Sukesh Kumar Jain, Commissioner of Police, ADPC; and the schedules rolled over by the SDM patrolling the ground, his invigorating speech and performances by school students of the city, depicting our homage for the country. Near to the end of the day, Durgapur WINGS was honoured in the category of Social Service for its unique awareness campaign program- The Green Picnic Mission for the year 2019-2020. Our intentions to build a clean, green and sustainable environment achieved heights with their token of appreciation and motivated us to work hard and make earth a better place to live in with each passing day.



Our tableaux at Republic day rally



Members with the tableaux at the end of the event

ACHIVEMENT BY OUR MEMBER

Our member *Debayan Gayen* achieved Second Place throughout the world in 2019 Great Backyard Bird Count photography competition in People category.



ACHIVEMENT BY SOCIETY

Our Society received SPECIAL PRIZE on 71st Republic Day celebration organised by Office of the Sub Divisional Magistrate, Durgapur for our good work in Green Picnic Mission.



SCIENTIFIC PUBLICATION

1. **Sagar Adhurya, Shantanu Bhandary.** 2019. Report of five interesting avian species from Durgapur ecoregion, West Bengal, India by citizen science effort. *Journal of Threatened Taxa*. 11(12): 14496-14502

COMMUNICATION



ISSN 0974-7907 (Online)
ISSN 0974-7893 (Print)

PLATINUM
OPEN ACCESS



Journal of Threatened Taxa | www.threatenedtaxa.org | 26 September 2019 | 11(12): 14496-14502

REPORT OF FIVE INTERESTING AVIAN SPECIES FROM DURGAPUR ECOREGION, WEST BENGAL, INDIA BY CITIZEN SCIENCE EFFORT

Sagar Adhurya¹ & Shantanu Bhandary²

¹ Department of Zoology, Visva-Bharati University, Santiniketan, Birbhum, West Bengal 731235, India.

^{1,2} Durgapur Wildlife Information and Nature Guide Society, Fuljhore, Durgapur, Paschim Bardhaman, West Bengal 713206, India.

¹sagaradhurya.rs@visva-bharati.ac.in (corresponding author), ²shaanbhandary@gmail.com

Abstract: This study aimed to report a few lesser known species from Durgapur ecoregion, West Bengal, India. In spite of the anthropogenic pressure, Durgapur supports a high avian diversity. So far, 257 avian species belonging to 59 families were recorded with a citizen science effort during a period of more than five years (2013–present). Out of these, five species discussed here, are either not recorded previously or have few records: Hume's Lark and Graceful Prinia were recorded from riverine habitat; and Lesser Racket-tailed Drongo, White-rumped Shama, and Indian Blue-Robin were recorded from woodland habitat. More extensive exploration of this region with involvement of citizen scientists in this study will enrich our knowledge about bird diversity, their migration and distribution pattern in this region.

Keywords: Anthropogenic activity, birds, drongo, lark, prinia, robin, shama.

Bengali abstract: এই প্রতিবেদনের লক্ষ্য হলো ভারতের পশ্চিমবঙ্গ রাজ্যে অবস্থিত দুর্গাপুর জৈব-ভৌগোলিক অঞ্চলের কিছু তুলনামূলক ভাবে বিরল প্রজাতির পাখির উপর আলোকপাত করা। এই অঞ্চলে নগরায়নের জন্য দৈনন্দিন ভিত্তিতে প্রাকৃতিক সম্পদের ধ্বংস চলতে থাকলেও, দুর্গাপুরে পাখির বৈচিত্র্য এখনও বেশ ভালো। ২০১৩ সাল থেকে এখনও পর্যন্ত 'নাগরিক বিজ্ঞান' পদ্ধতিতে চলতে থাকা আমাদের সমীক্ষা অনুযায়ী দুর্গাপুরে মোট ৫৯-টি গোত্রের ২৫৭-টি প্রজাতির পাখি পাওয়া গেছে। পর্যবেক্ষিত পাখিগুলির মধ্যে, এখানে আলোচিত পাঁচটি পাখির এই অঞ্চলে উপস্থিতি সম্পর্কে ইতিপূর্বে খুব একটা ধারণা ছিলোনা। ছোট বাগেরী (হিউম স লার্ক) ও মেছো ফুটকি (গ্রেসফুল প্রিনিয়া) নদীর অববাহিকা অঞ্চল থেকে; এবং ছোট ভীমরাজ (লেসার র্যাকেট-টেইলড ড্রঙ্গো), শ্যামা (হোয়াইট-রাম্পড শামা), নীল শ্যামা (ইন্ডিয়ান ব্লু রবিন) জঙ্গলাকীর্ণ অঞ্চল থেকে পাওয়া গেছে। ভবিষ্যতে আরও বিশদ গবেষণা এবং পক্ষিগবেষণায় আরও নাগরিক-বিজ্ঞানীদের যোগদান, এই অঞ্চলের পাখিদের সম্পর্কে আমাদের জ্ঞানভান্ডারকে আরও সমৃদ্ধ করবে।

DOI: <https://doi.org/10.11609/jott.3980.11.12.14496-14502> | ZooBank: urn:lsid:zoobank.org:pub:9E0EAB8F-3F3B-496B-AFCB-76E9C711F8D6

Editor: Hem Sagar Baral, Charles Sturt University, Australia.

Date of publication: 26 September 2019 (online & print)

Manuscript details: #3980 | Received 30 December 2017 | Final received 13 July 2019 | Finally accepted 31 August 2019

Citation: Adhurya, S. & S. Bhandary (2019). Report of five interesting avian species from Durgapur ecoregion, West Bengal, India by citizen science effort. *Journal of Threatened Taxa* 11(12): 14496–14502. <https://doi.org/10.11609/jott.3980.11.12.14496-14502>

Copyright: © Adhurya & Bhandary 2019. Creative Commons Attribution 4.0 International License. JoTT allows unrestricted use of this article in any medium, reproduction and distribution by providing adequate credit to the authors and the source of publication.

Funding: Self-funded.

Competing interests: The authors declare no competing interests.

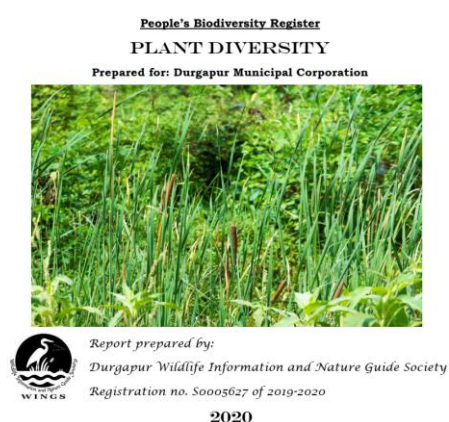
Author details: Sagar Adhurya is Senior Research Fellow at Department of Zoology, Visva-Bharati University. SHANTANU BHANDARY is employee of Eastern Coalfield Limited. Both of the authors are member of Durgapur Wildlife Information and Nature Guide Society and working on its project on avian diversity study.

Author contribution: SA wrote the paper and performed all of the analysis. Both authors collected field data.

Acknowledgements: The author would like to thank all members of Durgapur Wildlife Information and Nature Guide Society for their hard efforts to explore the biodiversity of Paschim Bardhaman District; especially Nirjhar Banerjee for his first sighting of Hume's Lark, Sumit Acharjee for his field cooperation to find Indian Blue-Robin and Saikat Adhurya for his field cooperation to find Graceful Prinia. Authors are thankful to Amar Kumar Nayak for the help with essential literature. Authors are also thankful to prof. Santanu Ray, Dr. Utpal Singha Roy, and Dr. Moitreyee Chakraborty for their constant encouragement behind this study.



PROJECT HANDLED



In the FY 2019-2020 we handled two projects:

Title	Project Given by	Ref No.	Work order no.
People's Biodiversity Register on Animal Diversity of Durgapur Municipal Corporation area.	Durgapur Municipal Corporation	WINGS/2020/REPORT/001	DMC/PW/1592
People's Biodiversity Register on Plant Diversity of Durgapur Municipal Corporation area	Durgapur Municipal Corporation	WINGS/2020/REPORT/002	DMC/PW/1592 (A)

Report can be downloaded from our website at: www.wildwingsindia.in/publication.php

FINANCIAL REPORT



KALYAN KR. GHOSH (F.C.A)**CHARTERED ACCOUNTANT**5/18, AMBAGAN, BHIRINGI
DURGAPUR – 713213
DIST – BURDWAN, WEST BENGAL

Ref No.....

Date.....

AUDIT REPORT

We have Audited the attached **BALANCE SHEET** of “**DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY**” REGN NO. – **SO005627** OF 2019-20 OF M6, BIDHAN PARK, SECTOR-1, FULJHORE, DURGAPUR, DIST – PASCHIM BARDHAMAN (WB), PIN – **713206** for the year ended 31.03.2020 and also **Profit & Loss Account** the year ended on that date annexed hereto. These Financial Statement are the responsibility of **DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY**. Our responsibility is to express an opinion on these financial statement based on our Audit.

We conducted our Audit in accordance with Auditing standard generally accepted in India. Those standards require we plan and perform the Audit to obtain reasonable assurance about whether the financial statement are free of material miss-statement. An audit also includes assessing the accounting principles used and significant estimates made by **DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY**, as well as evaluating the overall financial statement presentation. We believe that our Audit provides reasonable basis for our opinion.

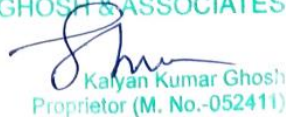
Subject to the above:-

1. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our Audit.
2. The **BALANCE SHEET & INCOME & EXPENDITURE ACCOUNT** dealt with on this report are in agreement with the books of accounts.
3. In our opinion at the best of our information and according to the explanations given to us the said accounts read to generally accepted in India.
 - a) In case the **BALANCE SHEET** of the state of affairs of **DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY** for the year ended 31.03.2020.
 - b) In case also **INCOME & EXPENDITURE & RECEIPT & PAYMENT ACCOUNT** of **DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY** for the year ended on that date.

THE ABOVE AUDIT REPORTS WERE VALID SUBJECT TO THE AUDIT OBSERVATIONS, ACCOUNTING POLICIES & NOTES TO ACCOUNTS ANNEXED HEREWITH.

Date : 22.06.2020

Place : Durgapur 13

K.K. GHOSH & ASSOCIATES
Kalyan Kumar Ghosh
Proprietor (M. No.-052411)**KALYAN KR. GHOSH**

Chartered Accountant



Kalyan Kr. Ghosh F.C.A
Chartered Accountant

DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY

REGN NO. – SO005627 OF 2019-20

M6, BIDHAN PARK, SECTOR-1, FULHORE, DURGAPUR
DIST – PASCHIM BARDHAMAN (WB), PIN – 713206

SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO ACCOUNTS FORMING PART OF **THE FINAL ACCOUNT FOR THE YEAR ENDED 31.03.2020**

Final Account has been prepared on historical cost basis and as mercantile system of accounting.

Value of Fixed Assets have been capitalized on cost of purchase basis and depreciation have been charged on written down value method.

As explained to us no personal expenses has been debited to Profit & Loss Account.

Closing Cash – in – Hand of Rs. 10,385.00 was explained to be physically verified by the Management and found O.K.

K.K. GHOSH & ASSOCIATES


Kalyan Kumar Ghosh
Proprietor (M. No.-052411)

Place: Durgapur
Date: 22.06.2020



DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY

REGN NO. – SO005627 OF 2019-20

M6, BIDHAN PARK, SECTOR-1, FULHORE, DURGAPUR

DIST – PASCHIM BARDHAMAN (WB), PIN – 713206

RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDED 31ST MARCH' 2020

Receipt	Amount in Rs.	Payment	Amount in Rs.
To Opening Balance		By Printing & Stationery	833.00
Cash in Hand	-	By Gift & Others	12,531.00
To Subscription	9,810.00	By Travelling & Conveyance	4,600.00
To Donation	4,988.00	By Registration Fees Payout	2,000.00
To I.D. Card	1,100.00	By Xerox Expenses	610.00
To Misc. Income	18,050.00	By Website Domain Renewal	589.00
		By Rent	2,400.00
		By CLOSING BALANCE	
		Cash In Hand	10,385.00
	33,948.00		33,948.00

Signed in Terms of Separate Audit Report attached on even date

K.K. GHOSH & ASSOCIATES

K.K. Ghosh
Kalyan Kumar Ghosh
Proprietor (M. No.-05241)



DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY

REGN NO. – SO005627 OF 2019-20

**M6, BIDHAN PARK, SECTOR-1, FULIHORE, DURGAPUR
DIST – PASCHIM BARDHAMAN (WB), PIN – 713206**

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH' 2020

Expenditure	Amount in Rs.	Income	Amount in Rs.
To Printing & Stationery	833.00	By Subscription	9,810.00
To Gift & Others	12,531.00		
To Travelling & Conveyance	4,600.00	By Donation	4,988.00
To Registration Fees Payout	2,000.00		
To Xerox Expenses	610.00	By I.D. Card	1,100.00
To Website Domain Renewal	589.00		
To Rent	2,400.00	By Misc. Income	18,050.00
	23,563.00		
To (Excess of Income)	10,385.00		
Over Expenditure	33,948.00		33,948.00

Signed in Terms of Separate Audit Report attached on even date

K.K. GHOSH & ASSOCIATES

Kalyan Kumar Ghosh
Proprietor (M. No.-052411)



DURGAPUR WILDLIFE INFORMATION AND NATURE GUIDE SOCIETY

REGN NO. – SO005627 OF 2019-20

M6, BIDHAN PARK, SECTOR-1, FULHORE, DURGAPUR

DIST – PASCHIM BARDHAMAN (WB), PIN – 713206

BALANCE SHEET AS AT 31ST MARCH' 2020

Liabilities	Amount in Rs.	Amount in Rs.	Assets & Properties	Amount in Rs.	Amount in Rs.
General Fund			Fixed Assets		
(Last year Balance)	-		(As per Schedule No. 1)		-
Add: Excess of			Closing Balance		
Income over Expenditure	10,385.00		Cash in Hand		10,385.00
	10,385.00	10,385.00			
		10,385.00			10,385.00

Signed in Terms of Separate Audit Report attached on even date



K.K. GHOSH & ASSOCIATES

K.K. Ghosh

Ka yan Kumar Ghosh
Proprietor (M. No.-052411)



PROPOSED EXPENSE

Item	Quantity	Price
GPS	1	10,385.00
Total		10,385.00

Total proposed expense: Rs. 10,385.00/- (Rupees Ten thousand three hundred eighty-five only)

Balance in hand at the end of FY 2019-20: Rs. 10,385.00/- (Rupees Ten thousand three hundred eighty-five only)

Remaining balance: NIL

GOVERNING BODY



NEW GOVERNING BODY AS PER ELECTION 2020

Name	Designation	External Designation & Affiliation	Photo
Sagar Adhurya	President	Senior Research Fellow, Department of Zoology, Visva-Bharati University	
Debayan Gayen	Vice-President	PG student, Department of Conservation Biology, Durgapur Government College	
Pavel Ghosh	Secretary	Guest Lecturer, Department of Conservation Biology, Durgapur Government College	
Somapika Seal	Joint Secretary	Assistant Teacher, Red Rose Model School, Durgapur	
Rahul Mallick	Treasurer	PG student, Department of Zoology, The University of Burdwan	
Subhadeep Saha	Assistant Treasurer	Freelance Photographer	
Saikat Adhurya	Executive Member	UG Student, Department of Information Technology, University Institute of Technology, Burdwan	
Dibyendu Mondal	Executive Member	UG Student, Department of Zoology, Durgapur Government College	
Nirjhar Banerjee	Executive Member	Self Employed	

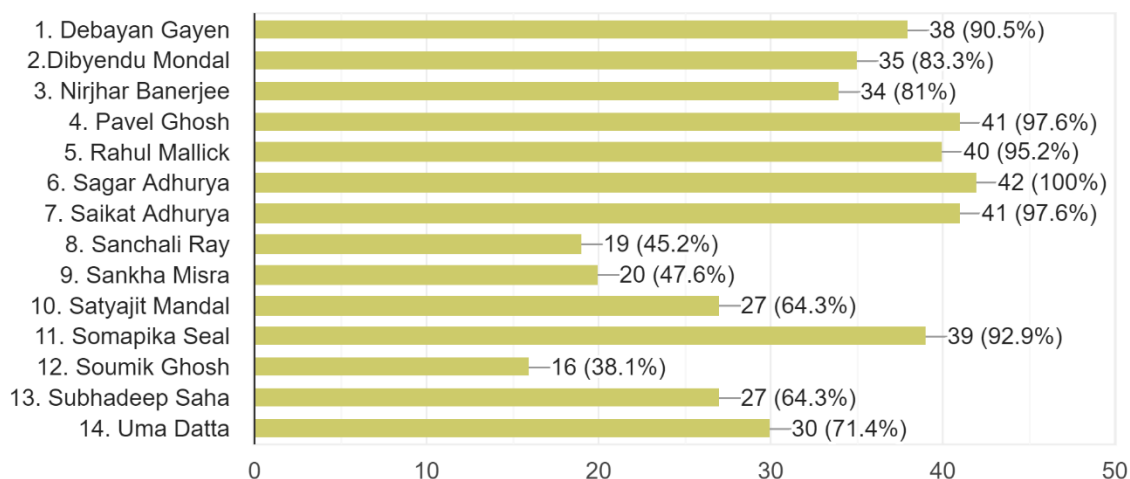
Uma Dutta	Executive Member	UG Student, Department of Zoology, Durgapur Government College	
Satyajit Mondal	Executive Member	Safety Executive, Eastern Coalfield Limited, Coal India	

RESULT OF THE GOVERNING BODY ELECTION 2020

The governing body is decided as per the decision of the general member with their voting right. A total of 42 vote received a considered for the decision making. Vote was performed digitally with the help of Google form to maintain social distancing in COVID 19 situation. The result is summarized below:

Select your BEST 11 out of 14 names, from the list below (names are arranged alphabetically):

42 responses



ELECTION FOR RANK SELECTION

A second round of voting has been conducted for the selection of post with in the governing body via google form. Only elected governing body members were eligible for this voting. Result of the vote for the different post/rank are summarized below:

RESULT OF THE VOTE FOR THE POST OF PRESIDENT

4. Vice-president

RESULTS

Choices	%	Count
Debayan Gayen	45.45	5
Dibyendu Mondal	0.00	0
Nirjhar Banerjee	0.00	0
Pavel Ghosh	9.09	1
Rahul Mallick	0.00	0
Sagar Adhurya	9.09	1
Saikat Adhurya	0.00	0
Satyajit Mondal	0.00	0
Somapika Seal	9.09	1
Subhadeep Saha	27.27	3
Uma Dutta	0.00	0

RESULT OF THE VOTE FOR THE POST OF VICE-PRESIDENT

RESULT OF THE VOTE FOR THE POST OF SECRETARY

5. Secretary

RESULTS

Choices	%	Count
Debayan Gayen	9.09	1
Dibyendu Mondal	0.00	0
Nirjhar Banerjee	0.00	0
Pavel Ghosh	81.82	9
Rahul Mallick	0.00	0
Sagar Adhurya	0.00	0
Saikat Adhurya	0.00	0
Satyajit Mondal	0.00	0
Somapika Seal	9.09	1
Subhadeep Saha	0.00	0
Uma Dutta	0.00	0

6. Jt. Secretary (Reserved for Female Candidates)

RESULTS

Choices	%	Count
---------	---	-------

Somapika Seal	81.82	9
---------------	--------------	---

Uma Dutta	18.18	2
-----------	--------------	---

RESULT OF THE VOTE FOR THE POST OF TREASURER

7. Treasurer

RESULTS

Choices	%	Count
Debayan Gayen	0.00	0
Dibyendu Mondal	0.00	0
Nirjhar Banerjee	0.00	0
Pavel Ghosh	0.00	0
Rahul Mallick	90.91	10
Sagar Adhurya	0.00	0
Saikat Adhurya	9.09	1
Satyajit Mondal	0.00	0
Somapika Seal	0.00	0
Subhadeep Saha	0.00	0
Uma Dutta	0.00	0

RESULT OF THE VOTE FOR THE POST OF ASSISTANT TREASURER

8. Asst. Treasurer

RESULTS

Choices	%	Count
Debayan Gayen	9.09	1
Dibyendu Mondal	27.27	3
Nirjhar Banerjee	18.18	2
Pavel Ghosh	0.00	0
Rahul Mallick	0.00	0
Sagar Adhurya	0.00	0
Saikat Adhurya	9.09	1
Satyajit Mondal	0.00	0
Somapika Seal	0.00	0
Subhadeep Saha	36.36	4
Uma Dutta	0.00	0

LIST OF MEMBERS

Sl. No.	Name	Organization
1	Dr. Roli Shukla Ray	Durgapur Government College
2	Dr. Sudipta Das	Durgapur Government College
3	Dr. Utpal Singha Roy	P. R. Thakur Government College
4	Dr. Moitreyee Chakrabarty	Durgapur Government College
5	Luna Tewary Adhurya	West Bengal Primary School Council
	Mantu Hait	Self Employed - Advocate
6	Amiya Tudu	The University of Burdwan
	Ankur Samanta	Bankura Unnayani Institute of Engineering
7	Arindam Bhui	The University of Burdwan
8	Arkajyoti Mukherjee	Jadavpur University
9	Bias Chakraborty	Bodhicariya Senior Secondary School
10	Golak Mahata	Manikpara Vibakananda College
11	Indrani Chatterjee	Trivenidevi Bhalotia College
12	Jatin Rajak	University Institute of Technology Burdwan
13	Kajori Mondal	Durgapur Government College
14	Manisha Datta	The University of Calcutta
15	Nikhil Gautam	University Institute of Technology Burdwan
16	Nilesh Das	Visva-Bharati University Alumnus
17	Pallabi Maiti	Durgapur Government College
18	Piklu Das	North Orissa University
19	Pintu Mahata	Wbsedcl
20	Puja Banerjee	Nshm
21	Purnendu Mishra	The University of Burdwan
22	Rajasi Roy	The University of Burdwan
23	Rituparna Kundu	St. Xavier's High School, Damodarpur, Bankura
24	Rupa Ghosh	Durgapur Government College
25	Samim Hossain	Durgapur Government College
26	Sanchali Ray	Trivenidevi Bhalotia College
27	Sangam Bharti	University Institute of Technology Burdwan
28	Santanu Bag	Gaythri College of Nursing
29	Shantanu Bhandary	Eastern Coalfield Limited
30	Soumik Ghosh	Institute of Engineering and Industrial Technology
31	Suman Chatterjee	Durgapur Steel Plant
32	Sushen Ghosh	Bankura Unnayani Institute of Engineering

***Name of the members who joined our society after 31 March 2020, are excluded from this list



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