



FIELD TRIP REPORT

2021-2022



A Field Trip

To

SONBEEL, KARIMGANJ

24th February, 2022

Organized by

Department of Zoology and Botany

Patharkandi College

Patharkandi, Karimganj-788724, Assam

PREFACE

The present report is a compilation of the activities undertaken in a one day field trip to Sonebeel, organized jointly by the department of Zoology and Botany, Patharkandi College, Patharkandi, as to fulfil the Practical syllabus of B.Sc. Ist semester, Zoology (Hons.), Paper-104. The field trip was organized on 24th February, 2022 with the aim to aid the students acquire basic knowledge about the different species of fauna found around the area of Sonbeel wetland.

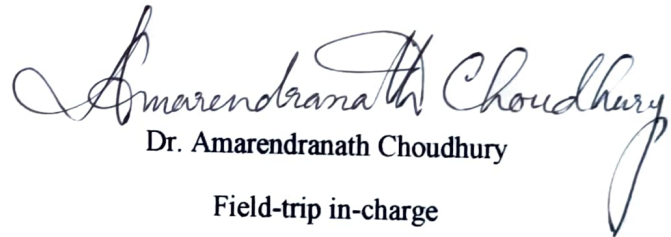
The department of Zoology, Patharkandi College not only emphasizes on the curricular syllabus but also the holistic development of the undergraduate students of the department. For the academic year 2021-2022, twelve students from the B.Sc. Zoology (Hons.) Ist sem and two students from B.Sc. Zoology (Hons.) 3rd Sem participated in the field trip. The students were accompanied by the five (05) faculty members of the Department of Zoology and Department of Botany.

Faculty Members:

1. Dr. Amarendranath Choudhury, HOD, Department of Zoology
2. Ms. Sweety Nath Barbhuiya, Department of Zoology
3. Ms. Satarupa Deb, Department of Zoology
4. Mrs. K. Tamna Singha, HOD, Department of Botany
5. Dr. Pradip Doley, Department of Botany

Acknowledgement

On behalf of the field trip members, I extend my sincere thanks to our Principal Sir, Dr. Monjurul Hoque, and other faculty members for making it possible to conduct the educational trip 2021-2022. I also convey my gratitude towards my colleagues, Miss Sweety Nath Barbhuiya and Miss Satarupa Deb, Assistant Professors of the Zoology Department, for their continuous support and management skills. And last, but not the least, my heartfelt thanks to Mrs. K. Tamna Singha and Dr. Pradip Doley for their valuable assistance throughout the trip.

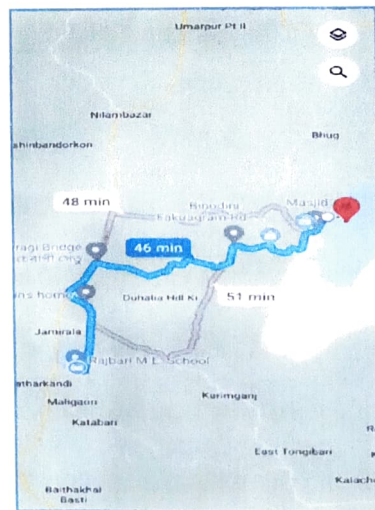

Dr. Amarendranath Choudhury
Field-trip in-charge

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Journey to the Field Site

On 24th February, 2022, in the morning at 9.30 am all the students and Faculties of Department of Zoology and Department of Botany gathered in the College Campus. After taking the attendance of the students, at 10 am we started our journey. Two cruisers were booked for the trip in order to accommodate all the students and faculty members. The journey started with a happy note and it took around one and half hour to reach the destination. During our journey, along the roadside, the views were so beautiful, tall trees of different species were visible. We went *via* the road with Duhalia hills aside.



About the Study Area

Sonbeel is the second largest wetland in Asia. Every year, the entire beel becomes full of water during rainy season and in winter it dries up. Sonbeel is linked to two major rivers of the Barak Valley viz. Singhla and Kochua. Shingla River is the main inlet which is originated in Mizoram and ends its course at the Southern end of Son beel. The outlet is Kachua River which originates from Northern part of the beel and connects Ratakandi, another beel on the Northern part of the beel, connected to Kushiara River flowing along with Northern boundary of Karimganj district. Son beel is a natural basin situated between Singla and Kachua River. During dry season, water flows in the rivers are very lean and during the rainy season the flows are very high. Water is one of most valuable resources.

Son beel is located in 24.6887° N latitude and 92.437° E Longitude. Sonbeel falls under Barak Valley climatic zone which is tropical, warm and humid. Sonbeel, which is located in the northern half of Karimganj district thus falls under rainfall zone 300-400 mm. Son beel is said to cover an area of approximately 30,000 bighas of land having length 12.7km and average breadth 3.5 km. Almost 50,000 people's livelihood is directly or indirectly related to the production of the Son beel. Major production of the beel is the fish which is one of the main sources fishes in Southern Assam. In addition to that the beel produces large amount "Buro" rice.

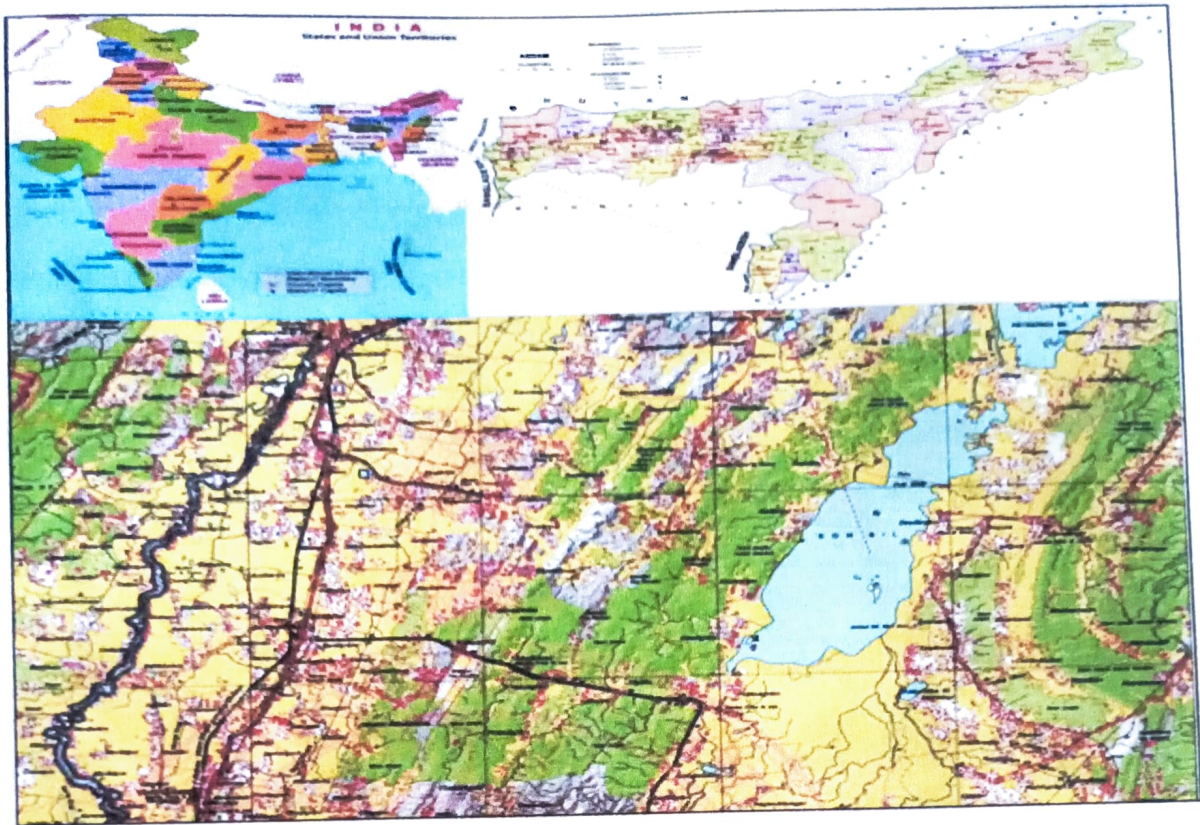


Figure 1: Location Map of Sonbeel.



Figure 2: Faculty members along with the students at the field site

Biodiversity of Sonbeel

During the field trip, different species of animals, birds and insects were observed and photographs were taken. The list of different species observed is as follows:

Animals

Serial No.	Common Name	Scientific Name
1	Horse	<i>Equus caballus</i>
2	Cow	<i>Bos indicus</i>
3	Dog	<i>Canis lupus familiaris</i>
4	Goat	<i>Capra aegagrus hircus</i>
5	Cat	<i>Felis catus</i>

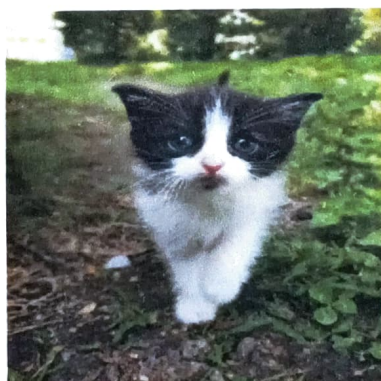


Photo 1: Cat



Photo: Pictures of animals captured during the field visit. 2- Horse, 3- Cow, 4- Dog, 5- Goat

Birds

Serial No.	Common Name	Scientific Name
1	Crow	<i>Corvus corax</i>
2	King Fisher	<i>Alcedo atthis</i>
3	Duck	<i>Anas platyrhynchos domesticus</i>
4	Cotton teal	<i>Netapus coromandelianus</i>
5	Lesser Whistling-duck	<i>Dendrocygna javanica</i>
6	Common Myna	<i>Acridotheres tristis</i>



Photo: Pictures of birds captured during field visit, 1. Crow, 2. King fisher, 3. Duck, 4. Cotton teal, 5. Lesser Whistling duck and 6. Common Myna.

Insects

Serial No.	Common Name	Scientific Name
1	Dragonfly	<i>Anax imperator</i>
2	Butterfly	<i>Graphium antiphates</i>
3	Yellow garden spider	<i>Argiope pulchella</i>
4	Ant	<i>Lasius niger</i>



Photo: Pictures of insects captured during field visit, 1. Dragonfly, 2. Butterfly, 3. Yellow garden Spider, 4. Ant

Some moments captured during the field trip





Photo: Some pictures captured during the field trip.

After observing the different species at the study site and gathering pictures and knowledge, all the members have their lunch in a restaurant while returning back to the college at a place called Ramkrishna Nagar. The journey ended on a happy note at the College campus at around 4.30 pm.

Signature of the Faculty Members:

1. DR. AMARENDRANATH CHOUDHURY
2. *Sweety Nath Barbhuiya*
3. *X Tanna Singha*
4. *Pradip Doley*
5. *Satarupa Deb*

AmB
28/02/22

Sweety
28/2/22

X Tanna Singha
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Approved by

Monjurul Hoque
28/02/2022

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