

**A FIELD REPORT ON
FAUNA AND FLORA OF
DIHING-PATKAI NATIONAL PARK
LOCATED ON DIBRUGARH AND TINSUKIA DISTRICT OF ASSAM**

**Submitted to the Dept. Of Botany
Nandanath Saikia College , Titabar**



Submitted by -

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CERTIFICATE

I have to pleasure to certify that Mr./Ms.*Monalisha Jyoti*..... a student of B.Sc. 4th semester in this Department participated in the field study tour to Dihing – Patkai National Park on 9th to 11th June, 2022 for partial fulfilment of the requirements for the degree of Bachelor of Science under our Dept. guidance. This report made by him was checked and verified by me.

[Signature]
(Dr. M. L. Dutta)

Head, Dept. Of Botany

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*Examined
Approved
22/06/2022*

PREFACE

Dibrugarh university have incorporated "Field study" in the syllabus of B.Sc. 4th semester , Botany Department keeping in view of such an educational study we visited "Dihing-Patkai national park" which is situated between Dibrugarh and Tinsukia District of Assam.

The field study report contains all records of educational study undertaken by the students of Botany Department of N.N. Saikia college during the session 2021-2022.

Finally , I thought i have taken special case to give a correct account , there may be some mistakes. So, i seek apology for my unwilling mistakes, if there may be any , in my description.

With thanks,

Mr./Ms. Nonalisha Jyoti

B.Sc. 4th semester

Dept. Of Botany

N.N. Saikia college

ACKNOWLEDGEMENT

At the very outmost, I would like to express my respectful gratitude to the HOD of the Botany department and thank to all the professor of Botany department for showing extreme kindness and providing me guidance throughout the whole field study trip. It has been my privilege to learn about field study under such scholarly persons.

I am highly thankful to Dr. M. L. Dutta (HOD), Department of Botany and all the Faculty members for their support, encouragement, valuable suggestion, remarks, and genial atmosphere during the field study period.

I like to thank Almighty God, for giving good health, mental peace, and strength to pursue this study and finally I wish to express gratitude to my family members for their love, moral support and invariable care throughout the entire study period.

Lastly, I express my sincere gratitude to my friends for their constant encouragement and help at that trip.

With thanks,

Mr./Ms. Monalisha Gogoi

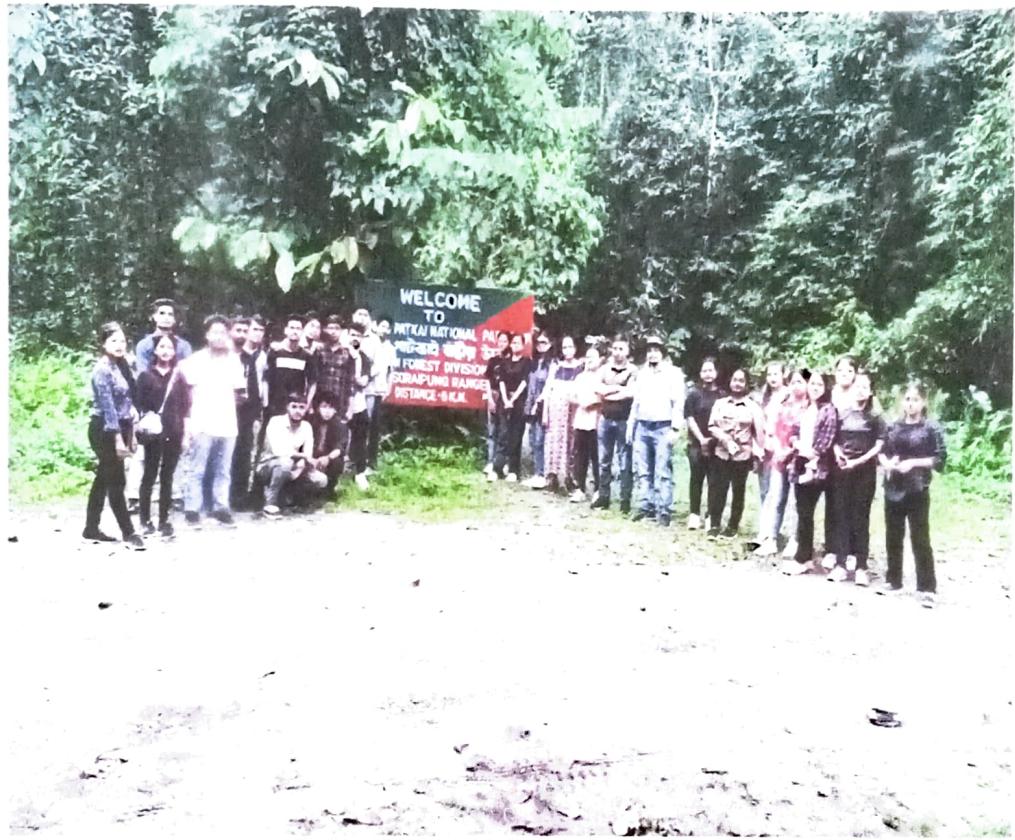
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Group photo in Dehing patkai national park,

Date-10/05/2022

INTRODUCTION :

Educational excursions are of great value of the student of science. The theoretical knowledge learned by a student about a living thing such as plants and animals remains incomplete. But if the student study these living things in their natural condition the knowledge will be increased. Therefore to acquire complete knowledge about the natural habit, habitat, animals which are found in a particular area of climate and physical condition one must go through their natural existence and in their natural environment.

As a science of living beings it has a wide range of study. So, one cannot summarise all these things at a time, an area is selected within a time limit to study the habit, habitat, temperature etc. Specific study help us to record different habit and habitat of various specific plants and animals and also to understand the ecological interaction prevailing in the area.

SELECTION OF THE PLACE:



In case of our field study tour we visited Dihing Patkai National Park. Dihing Patkai is a National park located in Tinsukia and Dibrugarh districts of Assam. It was established as a national park on 2020 , before it was a wildlife sanctuary since 2004. Dihing Patkai national park has a rich biodiversity of flora and fauna. It is a rainforest. The climatic condition of this national park is more suitable for plants and animals.

On 9th June 2022, we arranged our two days field tour to Dihing Patkai National Park. We started our journey at 7 am from Mariani Railway station in Ledu intercity express. We arrived at Makum station then went to the forest guest house, where we took rest for some time and had our lunch.

At 3:00 pm after lunch we started our first visit to the Digboi Centenary Museum with the aid of our kind teachers Dr. Ma Dutta, Dr. Nazim Farid Islam and Dr. Pranab Bhattacharya.

In the museum we observed the first oil well, which was found in 1889. The well was 202 meters depth and the rate of the oil production was 909 liters per day. The well was ceased in 1927 and we observed the whole formula of oil refinery and the piping code of the oil pipe. We also observed the machinery system and different types of vehicle which was used in oil refinery of Digboi at that time.

After visiting the museum of Digboi oil refinery, we went to Digboi War Cemetery. We observed the cemetery of soldiers that were the martyrs of the second world war.



Then we went to Noloni Reserved forest and had a look of the different florals present there.

After that we returned to our guest house and had a cup of tea. After taking rest for some time, we had our dinner at 9 pm, and went to sleep.

Next day, we woke up early in the morning, and had our tea and then breakfast.

Then we went to the Dihing Patkai National Park and reached the Soraipung range of that national park at 10:30 am. After we reached the national park, we collected some plant specimen to prepare herbarium sheet. After collection, we walked through the wild rainforest observing the flora and beauty of nature. We were instructed by forest guards for our safety.

Since, it is a rainforest; so mainly Hoolong is found and in fauna the wild cat is found.

After observing the National Park we went to see a mini water dam project at Nagerating, Digboi.

STUDY AREA:

Dihing Patkai National Park is a park in the Tinsukia and Dibrugarh districts of Assam, India.

FLORA OF DIHING PATKAI:

The flora of this region is very unique, rare and diversified. Many plant species of shrubs, herbs and trees of various size are seen through the forest. Several exotic species of orchids, abundant ferns, epiphytes, wild banana, areums, climber and lianas are found in the forest habitat. Important tree species such as mekai, dhuna, Udiyan, Nahor, Sam, Bhee, Au Tenga, Dimoreu etc envelope the forest. The Hollong, which is the state tree of Assam is found here.

FAUNA OF DIHING PATKAI:

The rich biodiversity of Deting Patkai include about 46 species of mammals, 283 species of birds, 276 species of butterflies, 70 species of fish, 71 species of reptiles and 70 species of dragon flies that are found scattered within the area. The most common mammal species that are found are - hoolock gibbon, slow loris, pig tailed macaque, asian elephant etc.

Thus it is the only sanctuary or national park in India which is home to 7 different species of wild cat - tiger, leopard, clouded leopard, leopard cat, golden cat, jungle cat and murebled cat.

DISCUSSION :

Dihing Patkai National Park is magnificent paradise of many species of flora and fauna. The main fauna found in the region include Chinese Penguin. We also found deforestation by people for house hold purpose.

To maintain the biodiversity of the National Park, we should save valuable plants and animals, rare species.

CONCLUSION:

Field study is one of the source to acquire knowledge. It was really interesting to study the biological world around us.

I am convinced that such a field study, as a whole is very helpful to study in general and we have Botany as a discipline of their study in particular.

PHOTO GALLERY :

