

**REPORT ON  
BOTANICAL FIELD STUDY TOUR**  
*at*  
Minal River system



Submitted to  
Department of Botany  
Moreh college, Moreh

In partial fulfilment of the requirement for B.Sc. VI semester examination,  
Manipur University, Canchipur

**2022**

*Examined*

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## **INTRODUCTION**

Field study is an essential part of Botany. The natural environment, the plants in their natural habitat is one of the most interesting things that are needed to be studied by the students of LIFE SCIENCE. Studying plants in their natural habitat enhances our knowledge that is learnt from the classroom discussions and laboratory experiments.

The announcement from the Botany department, Moreh College made the students so happy. Our spot was fixed to Minal River Ecosystem which is running at the INDO-MYANMAR BORDER area.

An apprehensive knowledge of things is always required for students to start a particular study of a particular site in their natural environment. So classroom study and field study are complementary to each other and we cannot ignore any one of them. Hence keeping these two things in view, this study tour was organized by the Department of Botany, Moreh College, Moreh as per syllabus prescribed by the Manipur University.



## ACKNOWLEDGEMENT

It is with great pleasure that I express my deepest gratitude to the Department of Botany Moreh College, Moreh specially Dr. S. Shyamjai Singh (Head, Botany Dept.) and Madam Santa Konjengbam (Teacher in Charge) for organizing such a trip and also to all the teachers of Botany Department namely Dr. Jamkhoneng, Peendu, Dr. Nonibala, Kh. Surchand and Phalneineng Singson for guiding and inspiring us during this trip in **Minal River Ecosystem and its Floral diversity** and making the tour a grand success. I would also take this opportunity to thank my classmate for their co-operation rendered to me throughout the tour

*Hatkholhing Touthang*  
Hatkholhing Touthang  
Roll No.  
6<sup>th</sup> semester  
Moreh College, Moreh



This is to certify that Md. Hatkholhing Touthang, Roll No. 910539E of 6<sup>th</sup> semester Moreh College, Moreh has duly participated in the BOTANICAL STUDY TOUR at Minal River Ecosystem and Its Floral diversity as per the syllabus given by the Manipur University.

He is a bona fide student of this college of 5<sup>th</sup> semester Botany honours.

Date:  
27<sup>th</sup> Oct. 2021

Teacher in Charge

( Kh. Surchand Singh )  
Department of Botany  
Moreh College, Moreh

Assistant Professor  
Department of Botany  
Moreh College, Moreh

Head

(Dr. S. Shyamjai Singh)  
Department of Botany  
Moreh College, Moreh.

HOD  
Dept. of Botany  
Moreh College, Moreh, Manipur



## **AIM AND OBJECTIVE OF THE STUDY TOUR**

1. To observe and collect the plant species from the study site.
2. To study the natural habitats and characters of the plant found in the area.
3. To collect some plant species for herbarium preparation submission for examination.
4. The collected plant may be kept and used for reference studies.



## **TOUR DIARY**

On the 20<sup>th</sup> October 2021, all of us and our beloved teachers of Botany Department and non-teaching staff met at the college campus at 9.00 am. We gathered and started at around 9.30 am. by our college bus. We reach the place after around 10 minutes as the place is not so far from our college.

After reaching there we observe the vegetation and plant growing over there. We collected many plant species and brought for making herbaria and stay there for around three hours we came back to our college at around 1.30 pm.



## **REQUISITES FOR THE FIELD COLLECTION**

The following equipments are to be carried along in the field of the study site.

1. Knives
2. Forceps
3. Scissors
4. Magnifying lenses
5. Portable plastic containers
6. Herbarium press
7. Formaldehyde
8. Scale
9. Notebook, pen, pencil.
10. Camera





## SPECIMEN COLLECTED FROM THE STUDY SITE

SL.NO.	NAME OF THE PLANT SPECIES
1	Cymbopogon
2	Citronella
3	Mosses
4	Marchantia sp.
5	Sellaginella sp.
6	Lycopodium sp.
7	Lichens sp.
8	Plantago erosa
9	Asplenium delitescens
10	Ficus glomerata
11	Vanguirea spinosa
12	Dipterocarpus tuberculata
13	Spondias pinnata
14	Quercus serrata
15	Tamarindus indica
16	Quercus dealbata
17	Imperata cylindrica
18	Hydrilla
19	Equisetum
20	Mikania cordata



Plate 1: Study tour team at College Campus



Plate 2: Minal River Ecosystem study team



Plate3: Teachers and Students at Minal Riverine ecosystem



## CONCLUSION

Our study tour was very interesting, students participants interacted in a very well disciplined manner cooperated all with the teacher guides and overall the tour was a grand success. We realized that viewing the flora and fauna in its natural form made us things vivid enhancing the classroom lectures and laboratory experiments.

It was really a wonderful and much encouraging mode of study in the field of Science and the well explanation of Sir Shyamjai in the field was so impressive and fruitful.