

A REPORT ON BOTANICAL FIELD STUDY TOUR

AT

CHAJING LOUKOL, NARANKONJIN

SUBMITTED TO:

MANIPUR UNIVERSITY

In partial fulfilment for the Degree of B.SC. ^{3rd Sem}.....in BOTANY

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SUBMITTED BY :

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ACKNOWLEDGMENT

I am thankful to the Head of Botany Department for this One Day Study Tour Program.

I am also desire to express my deep appreciation to the Principal, Regional College, Lilong for giving Financial Assistance in connection with the study tour program.

I would like to express my humble gratitude to the learned teacher of the Botany Department of Regional College , Imphal west for their guidance and valuable advice while conducting the field at Chajing Loukol and also for helping me in preparing this field report .

I am grateful to my colleagues for their unavoidable company. I am indebted to our Teachers-in charge for their cordial guidance under collection and making of Herbarium during the field report.

My thanks also goes to Manipur University, Canchipur for the inclusion a part of field study tour in the syllabus which provides scope in the study of natural sciences.

Lastly, but not the least , I would like to thank my parents to who encourage me to pursue higher studies and sacrifice their endless effort for blooming spirit.

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CERTIFICATE

This is to certify that *Raina Khumukcham*..... student of B.Sc
3rd Sem. Botany bearing Roll No *2110.6089* and Registration No *21670027/21* of Regional
College , Lilong Chajing has attended the field study Tour at Chajing Loukol, Narankonjin
Mamang Leikai, Imphal west on 22nd September 2022, conducted by the Department of
Botany , Regional College, Lilong Chajing Imphal West in partial fulfilment of the syllabus
prescribed by the Manipur University.

The student was found to be very sincere, obedient and dutiful in both classes and study tour .

He / She is quite deserved with satisfaction to award the degree.

J. Sushila Devi
18/10/22
HoD

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INTRODUCTION

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

To observe the flora in their natural habitat in an organised way is also a very valuable part to be acquainted with an acquired student of Botany. The announcement from the Botany Department of Regional College made the students happier. Our joy knew no bound when the spot was fixed to Chajing Loukol at Naran Konjin situated at Lilong .

An apprehensive knowledge of things are always required for students to start a particular study of plants species in their natural habitat. It help us to understand fully the intra and inter relationship that exists among the livings and their interaction with environment. In addition, the peculiar characteristics of the study site has provided many extra knowledge not found in the classroom keeping all this things in view, the study tour was organised by the Department of Botany, Regional College ,Lilong Chajing as per syllabus prescribed by the Manipur University.

AIM AND OBJECTIVE OF THE STUDY TOUR

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

MATERIAL REQUISITES FOR THE STUDY OF FLORAS IN THE FIELD

The materials requirements for the study are as follows:

1. Camera
2. Forceps
3. Formaldehyde
4. Knife
5. Magnifying lens
6. Notebook and pen
7. Newspapers
8. Polythene bags and rubber bands
9. Scissors
10. Specimen bottles
11. Twig cutter etc.

LIST OF COLLECTED PLANTS

Total of 18 plants were collected belonging to pteridophytes(03), Monocots (08) and Dicots (07). Name of some plants collected during our field study tour at Chajing Loukol, Narankonjin.

PTERIDOPHYTES (03)

SL.NO.	SCIENTIFIC NAME	LOCAL NAME	FAMILY
1.	<i>Adiantum sps.</i>	Mayur-pambi	Adiantaceae
2.	<i>Dryopteris sps.</i>	Lai-changang	Polypodiaceae
3.	<i>Lycopodium sps.</i>	Leishang	Lycopodium

ANGIOSPERMS

Monocot Plants (08)

SL.NO.	SCIENTIFIC NAME	LOCAL NAME	FAMILY
1.	<i>Agave americana L.</i>	Kewa	Agavaceae
2.	<i>Bamboos asps.</i>	Waa	Poaceae
3.	<i>Bauhinia acuminata L.</i>	Chingthrao	Ceasalpinaceae
4.	<i>Canna indica L.</i>	Laphurit	Cannaceae
5.	<i>Cynodon dactylon</i>	Tingthou	Poaceae
6.	<i>Musa paradisiac L.</i>	Laphu	Musaceae
7.	<i>Zingiber officinale</i>	Shing	Zingiberaceae
8.	<i>Oryza sativa L.</i>	Phou	Poaceae

Dicot Plants (07)

SL. NO.	SCIENTIFIC NAME	LOCAL NAME	FAMILY
1.	<i>Centella asiatica L.</i>	Peruk	Apiaceae
2.	<i>Ficus religiosa L.</i>	Sana-khongnang	Moraceae
3.	<i>Michelia champaca L.</i>	Leihao	Magnoliaceae
4.	<i>Nerium indicum</i>	kabilei	Apocyanaceae
5.	<i>Polygonum sps.</i>	Yelang	Polygonaceae
6.	<i>Quercus sps.</i>	Uyung	Fagaceae
7.	<i>Urena lobata L.</i>	Sampakpi	Malvaceae

COURSE OF STUDY TOUR

On 22nd September 2022 of about 20 students participated in the team of 25 members including Teaching and non-teaching staffs on the study tour at Chajing Loukol, Naran Konjing located at Lilong Chajing . All the members of the team left our college campus at about 9.00 am. Our Teachers brief about the tour and precautions to be taken while collecting the plant specimens and preservations for the plants during our tour. We left for Chajing Loukol by own vehicles as the place is not far from the college. We reached the spot at about 9.30 am . We studied the area and started collecting the floras available with the equipments we have. After we have finished collecting the plant specimens we have refreshment.

We left the place at about 3.00 pm and reached the college . We dispersed for our respective home. All the participants reached home safely and in time.

CONCLUSION

The site selected for the study tour provides a place of having mixed forest where we could see various types of plant species of pteridophytes and angiosperms.

In the field, demonstration and discussion were done for proper field study tour and collection of the specimens. The importance of field study by making planned scheme for a peculiar site is really the one type of learning which can impart knowledge directly to the studies of Botany.

Therefore, without the field study tour, the study of Botany would remain incomplete. The idea about the living organisms become clear when they are seen in the natural habitat and thus give us much more information than we learn in the classroom.

It is not improper to say that some of the places we visited in relation with the study tour become threatened to a great extent due to over exploitation by human such as wood collection, cutting down of trees etc. Therefore, it is the right time to generate protective scheme and awareness programs to keep environment free from further exploitations by human and to conserve natural floras and fauna for the future generation.

The study tour program help us in understanding the human-plant relationship that exists in the rural areas of the place. It also provides important knowledge about the different uses and importance of ethnically plants.