Amar Jyoti Das
Roll- No - 150
class - 2nd sem (Botany)
year - 2022
Project report on Study tour to Sahitya Manishi upaban.

CERTIFICATE

This is to certify that Sri Anwar Jyoti Das, Roll-No 150, has participated in the Study tour conducted by the department of Botany; N.N. Saikia college for 2nd Semester Students on 18/06/22. I further certify that the report being brought out in this form is the result of her Endeavour and hard-work, under my supervision. I recommend the report for Evaluation.

Examined
B. Barthakur
1/07/2022

28/06/2022

ACKNOWLEDGEMENT

I am very grateful to Dr. Malakshmi Dutta ma'am, Head of the Department, Botany for organizing the study tour. I Express my sincere gratitude to Dr. Nayim Foried Islam Sir Asst. professor, Department of Botany for his un-failing Support and for conducting the study tour Successfully. I would like to Express my heart felt thanks to Dr. Pranab Bhatta charya Sir, Asst. professor, Botany Department for his co-operation and Support thought the tour.

I am thankfull to my class mates for thier constant motivation and Encouragement.

Introduction :

The field study as per the curriculum was an exposure trip to a place of rich biodiversity. The field study tour programme of the second semester students of Botany Department. N.N. saikia collage was planed on the date of 18th June 2022. It was an Educational tour to Sahity Manishi upaban.

Sahitya Manishi upaban is a park full of plant biodiversity, situated at Kundar gaon in Titabar. It was inaugarated by the Ministry of Enviroment, Forest and climate change, Assam in 30 July, 2020 by Shree Parimal Sukhlyabadya.

Biodiversity found :

Sahitya Manishi upaban, located at Kundar gaon, Titabar is full of plant diversity which includes Fungus, Bryophytes, pteridophytes, Gymnosperms and Angiosperms.

one can find different types of orchids, medicinal plants, different species of Bamboo, ornamental plants etc. various plants of Economic importance like salkuroi [aloebarbadensis], Gathiyon [Kaempferia galang], Rudrakshi [Elaeocarpus ganitrus], Bor gos [Ficus, benghalensise] Dhuna [canarium Bengalense], Ronga chandar [Pterocarpus santalium] are also found.

The different types of plant species are planted separately on the area which includes, Medicinal plants, Angiosperms, orchinds, Ferns, cactus, Ornamental plants etc.

Fungal species like Agaricus abrupt tibulbus and red ring rot. [Phellinuspini] were found.

Bryophytes like *Lunularia cruciata*, *Marchantia* and *Sphagnum fleuosum* were found.

pteridophites were quite abundantly found, which include species like *pteris vittata*. *Diplazium dictrichianum* *Hupernzia Silago*, *Adiantum capillus-veneries*. Lygodium and various other ~~ferns~~ ferns.

Gymnosperms like cycas were found.

Huperzia selago

Systematic position

Kingdom - plantae
clade - Tracheophytes
clade - Lycophytes
class - Lycopodiopsida
order - Lycopodiales
Family - Lycopodiaceae
Sub-Family - Huperzioidae
Genus - Huperzia

Adiantum capillus-veneris

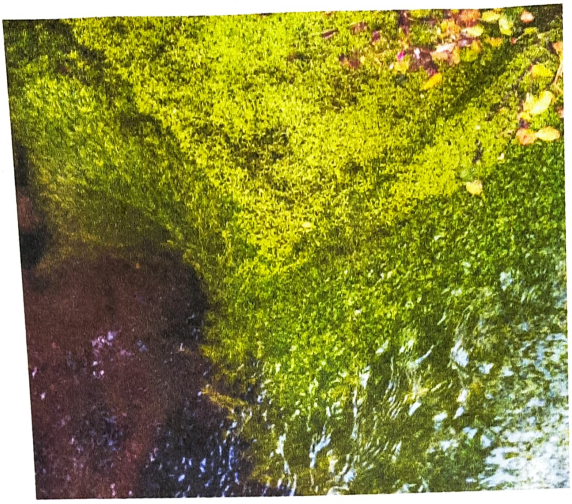
Systematic Position

Kingdom - Plantae
Clade - Tracheophytes
Division - Polypodiophyta
class - polypodiopsida
order - polypodiales
Family - Pteridaceae
Genus - Adiantum
Species - A. capillus veneris

Pteris vittata

Systematic position

Kingdom - plantae
clade - Tracheophytes
Division - polypodiophyta
class - polyopodiopsida
order - polypodiales
Family - Pteridaceae
Sub- Family - pteridoideae
Genus - Pteris



Sphagnum flexuosum

Systematic Position	
Kingdom	: Plantae
Division	: Bryophyte
class	: Sphangnopsida
order	: Sphagnales
Family	: Sphagnaceae
Genus	: Sphagnum

Angiosperms was abundantly found, which includes Bon Jalphai, Kaju Badam, Amlokhi Chenichampa, Karuli Etc ___

1. The mashroom is medium shaped, with a white yellow staining cap on a slender stipe that has a wide, flat bulb on the box.

Kingdom - Fungi
Division - Basidiomycota
class - Agaricomycetes
order - Agaricales
Family - Agaricaceae
Genus - Agaricus
Species - A. Abruptibulbus

Diplazium dilatatum

Systematic position
Kingdom - Plantae
clade - Tracheophytes
Division - Polypodiophyta
Class - polypodiales
order - polypodiales
Sub - order - Aspleniineae
Family - Athyriceae
Genus - Diplazium

CONCLUSION :

It was a wonderful and learning Experience for me while working on this project. This project took me through the various phases of project development and gave me real insight in the world of plant Biodiversity. The Joy of work and the thrill involved while tackling the various problems and challenges gave me a fell of developers industry.

I Enjoyed Each and Every bit of work I had put into this project.

28/06/2022