REPORT ON A STUDY TOUR

TO

SAHITYA MANISHI UPABAN

Submitted by - Miss Tulsi Malakar

B.Sc 2nd Semester

Roll no - 147

Year - 2022

CERTIFICATE

This is to certify that Miss Tulsi Malakar; Roll no - 147, has participated in the study tour conducted by the Department of Botany; N.N. Saikia College for 2nd Semester students in 18/06/2022. 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.

Associate professor & HOD
& Vice-principal

Examined
B. Kalita
1/07/2022

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. Nazim Farid sir, Asst. professor, Department of Botany for his unfailing support and for conducting the study tour successfully. I would like express my heart felt thanks to Dr. Pranab Bhattacharya sir, Asst. Professor, Botany Department, for his co-operation and support throught for the tour.

I am thankful to my class mates for their 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 2nd semester students of Botany department N.N. Saikia college was planned on the date of 18th june 2022. It was an educational tour to study shi sahity Monishis upaban.

Sahitya Manish upaban is a park full of plant biodiversity, situated at kundar gaon in Titabar. It was inaugarated by the Ministry of Environment, forest and climate change, Assam in 30 July, 2020 by shree Porimal Suklyabadya.

Biodiversity found :

Sahitya Manishi Upaban, located at Kunder gaon, Titabar is fail of plant diversity which includs Fungus, Pteridophytes, Bryophytes, Gymnosperms and Angiosperms.

One can find different types of orchids, medicinal plants, different species of Bamboo, ornamental plants etc. Various plant of economic importance like Salkuori [alcebartkadensis], gathiyon [Kaempferia gealanga], Rudraksha [Elocarus gamitrus] Bor gas [Ficus benghalensis]; Dhuna [canarium bengalense]; Ronga chandana [Pterocarpus santalinum] are also found.

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

Fungal species like Agaricus abetuputis bulbus and Red ring rot; [Phellinus pini] were found.

Bryophytes like lunularia cruciata, Marchantia and Sphagnum flexuosum were found.

Pteridophyte were quite abundantly found, which include species like Pteris vittata; Diplazium dietricheianum; Huperzia selago; Adiantum capillus-veneris; lygodium and various other ferns.

Gymnosperms like cycas were found.

Angiosperms was abundantly found, which include Bon Jolphai, Kaju Badam, Amlakhi, chenichampa, Karolu etc.

Agaricus Abruptibulbus

kingdom - Fungi

Division - Basidiomycota

class - Agaricomycetes

Order - Agaricales

Family - Agaricaceae

Genus - Agaricus

Species - A. abruptibulbus

1) The mushroom is medium sized, with a white, yellow staining cap on a slender stipe that has a wide, flat bulb on the base.

Lunularia Cruciata

kingdom - plantae

Division - Marchantiaphyta

class - Marchatiapsida

Order - Marchantiales

Family - Lunulariaceae

Genus - Lunularia

Species - L. Cruciata

1) It grows on damp, shaded and disturbed habitats such as path and wall edges.

Sphagnum flexuosum

Kingdom - Plantae

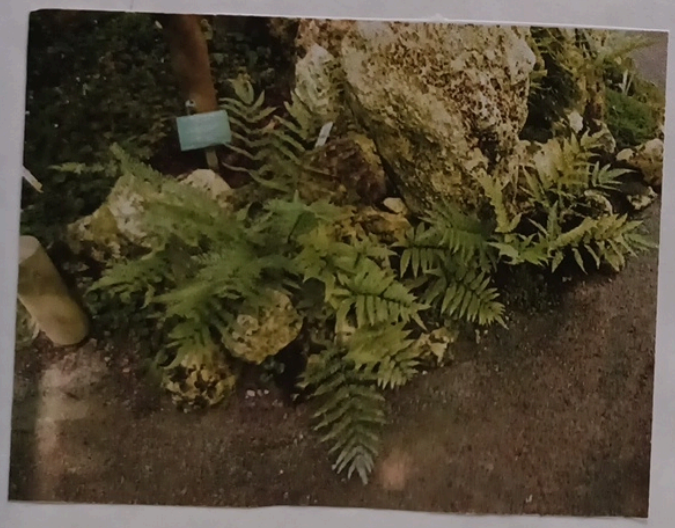
Division - Bryophyta

Class - Sphagnopsida

Order - Sphagnales

Family - Sphagnaceae

Genus - Sphagnum



Pteris vittata

Kingdom - Plantae

Clade - Tracheophytes

Division - Polypodiophyta

Class - Polypodiopsida

Order - Polypodiales

Family - Pteridaceae

Sub-family - Pteridioideae

Genus - Pteris

Diplozium dietrichianum

Kingdom - Plantae
Clade - Tracheophytes
Division - Polypodiophyta
Class - Polypodéales
Order - Polypodiales
Sub-Order - Asplenineae
Family - Athyriaceae
Genus - Diplazium

Huperzia selago

Kingdom - Plantae
Clade - Tracheophytes
Clade - Lycophytes
Class - Lycopodiopsida
Order - Lycopodiales
Family - Lycopodiaceae.
Sub-family - Huperzioidae
Genus - Huperzia

Adiantum capillus-veneris

Kingdom - Plantae

Clade - Tracheophytes

Division - Polypodiophyta

Class - Polypodiopsida

Order - Polypodiales

Family - Pteridaceae

Genus - Adiantum

Species - A. capillus-veneris

C. circinalis

Kingdom - Plantae

Clade - Tracheophytes

Division - Cycadophyta

Class - Cycadopsida

Order - Cycadales

Sub-order - Cycadineae

Family - Cycadaceae

Genus - Cycas

Conclusion :

It was a wonderful and learning experiance for me while working on this project. This project took me through the various phases of project development and give 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 feel of developers industry.

I enjoided each and every cut of work I had put into this project.