REPORT ON A STUDY TOUR TO SAHITYA MANISHI UPABAN

NANDA NATH SAIKIA COLLEGE, TITABAR

Department of Botany.

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Year :- 2022

CERTIFICATE

This is to certifiy that Srei Prasanta kachari, Roll no. 96; has participated in the study tour Conducted by the Depertment of Botany; N.N. Saikia. College for 2nd semester students in 18/06/2022. I further certify that that report being brought Out in this form is the result of her endeavour and hard work, under my supervision. I recomment the report for evaluation.

Examined
B. Baskalaby
1/07/2022

28/06/22

ACKNOWLEDGEMENT

I am very grateful to Dr. Malakshmi Dutta maam, Head of the Department, Botany for organizing the study tour. I express my sincere gratitude to Dr. Nazim Foeid Islam sir. Asst. Professor, Department of Botany for his unfailing support and for conducting the study tour successfully. I would like express my heart felt thank to Dr. Pranab Bhattacharya sir, Asst. Professor, Botany department, for this co-operation and support through the tour.

I am thankful to my classmates 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 18 june 2022. It was an educational tour to Sahitya Monishi Upaban.

Sahitya Monishi Upaban is a park full of plant biodiversity, situated at kundar goan in Titabor. It was inaugarated by the ministry of Enviroment, Forest and climate change, Assam in 30 July, 2020 by — Shree Parimal Suklyabadya.

Biodiversity found:-

Sahitya Manishi Upaban, located at Kandar goan, Titabor is full of plant diversity which includes Fungus, Pteridophytes, Bryophytes, 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 [aloabarbadensis], Gathiyon [Kaempferia galanga], Rudraksha [Elaeocarus ganitrus], Bor gos [Ficus benghalensis], Dhuna [Canarium bengalanse], Ronga chandan [Pterocarpus santalinum] are also found.

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

Fungal species like Agaricus abruptibulbus and Red ring rot, [Phellinus pini] were found.

Bryophytes like Lunularia cruciata, Marchanta and sphagnum flexuosum were found.

Pteridophites were quite abundantly found, which include species like Pteris vittata, Diplazium dietrichianum, Huperzia selago, Adiantum Capillus-veneris, Lygodium, and various others ferns.

Gymnosperms like cycas were found.

Angiospems was abundantley found, which include Bon-Bon Golphai, Kaju Badam, Amo Amlokhi cherichampa, Karulei etc.

Agaricus abruptibullus

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.

Kingdom — Fungi
Division — Basidiomycota
Class — Agaricomycetes
Order — Agaricales
Family — Agaricaceae
Genus — Agaricus
Species —
A. abruptibullus

Lunularia Cruciata

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

Kingdom	Plantae
Division	Marchantiophyta
Class	Marchantiopsida
Order	Marchantiales
Family	Lunulariaceae
Genus	Lunularia
Species	L. cruciata

Sphagnum flexuosum

Kindom	—	Plantae
Division	—	Bryophyte
Class	—	Sphagnopsida
Order	—	Sphagnales
Family	—	Sphagnaceae
Genus	—	Sphagnum

Pteris Vittata

Kingdom	—	Plantae
Clade	—	Tracheophytes
Division	—	Polypodiophyta
Class	—	Polyopodiopsida
Order	—	Polypodiales
Family	—	Pteridaceae
Sub-family	—	Pteridoideae
Genus	—	Pteris

Diplozium dietrichianum

Kingdom	:-	Plantae
Clade	:-	Tracheophytes
Division	:-	Polypodiophyta
Class	:-	Polypodiales
Order	:-	Polypodiales
Sub-order	:-	Asplenineae
Family	:-	Athyrieeae
Genus	:-	Diplazium

Kingdom :— Plantae

Clade :— Tracheophytes

Clade :— Lycophytes

Class :— Lycopodiopsida

Order :— Lycopodiales

Family :— Lycopodiaceae

Sub-family :— Huperzioidae

Genus :— Huperzia

Huperzia Selago

Kingdom — Plantae

Clade — Tracheophytes

Division — Polypodiophyta

Class — Polypodiopsida

Order — Polypodiales

Family — Pteridaceae

Genus — Adiantum

Species — A. capillus-veneris

Adiantum capillus-veneris

Kingdom — Plantae

Clade — Tracheophytes

Division — Cycadophyta

Class — Cycadopsida

Order — Cycadales

Sub-order — Cycadineae

Family — Cycadaceae

Genus — Cycas

C. circinales

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 ~~bid~~ biodiversity. The joy of work and the thrill involved while tackling the various problems and challengs gave me a fell of developers industry.

I enjoyed each and every bit of work, I had put into this project.

28/06/22