

PROJECT REPORT ON A
STUDY TOUR TO

SAHITYA MANISHI UPABAN.

DEPARTMENT OF BOTANY

Submitted by :

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class : - 2nd sem.

year - 2022

Certificate

This is to certify that Sri Gouranga
Bhushan Chetia. Roll no - 141, 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 his endeavour and hard
work, under my supervision. I recommend
the report for evaluation.

Examined
B. Barikakoty
1/07/2022

ACKNOWLEDGEMENT

I am very grateful to Dr. Malakeshmi Datta ma'am, Head of the Department, Botany for organizing the study tour. I express my sincere gratitude to Dr. Nazim Farid Islam sir, Asst professor, Department of Botany for his unfailing support and for conducting the study tour successfully. I would like to express my heart felt thanks to Dr. Pranab Bhattacharya sir, Asst professor, Botany Department, for his co-operation and support throughout 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 18th June 2022. It was educational tour to Sahitya Manishi Upaban.

Sahitya Manishi Upaban is a park full of plant biodiversity; situated at Kundar gaon in Titabar. It was inaugurated by the Ministry of environment, Forest and climate change, Assam in 30 July, 2020 by Shree Parimal Suklyabadya.

Biodiversity found ?

Sahitya Manishi Upaban, located at Kumdar gaan, 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 Salkeori [aloebarbadensis],

Grathiyan [kaempferia galanga]; Rudraksha

[eleocharis ganitrus]; Bole Gros [Ficus benghalensis];

Dhuna [canarium bengalense]; Ranga Chandan;

[pterocarpus santalinum] are also found.

The different types of plant species are planted separately in the area which includes, medicinal plants, Angiosperms, Orchids, Ferns, cactus, ornamental plants etc.

Fungal species like *Agaricus abrupti bulbos* and red ring rot; [*Phellinus pini*] were found.

Bryophytes like *Lunularia cruciata*; *Marchantia* and *Sphagnum flexuosum* were found.

pteridophytes were quite abundantly found, which include species like *Pteris vittata*; *Diplazium dietrichianum*; *Huperzia selago*; *Adiantum capillus-veneris* *Lugodium*; and various other ferns.

Gymnosperms like *cycas* were found. Angiosperms was abundantly found, which include *Banyolphi*, *Kaju Badam*, *Amlakhi* *chenichampa*, *Karabi* etc.



Agaricus 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

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

Kingdom - Fungi
 Division - Basidiomycota
 Class - Agaricomycetes
 Order - Agaricales
 Family - Agaricaceae
 Genus - Agaricus
 Species -
 A. abruptibulbus

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



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. circinalis



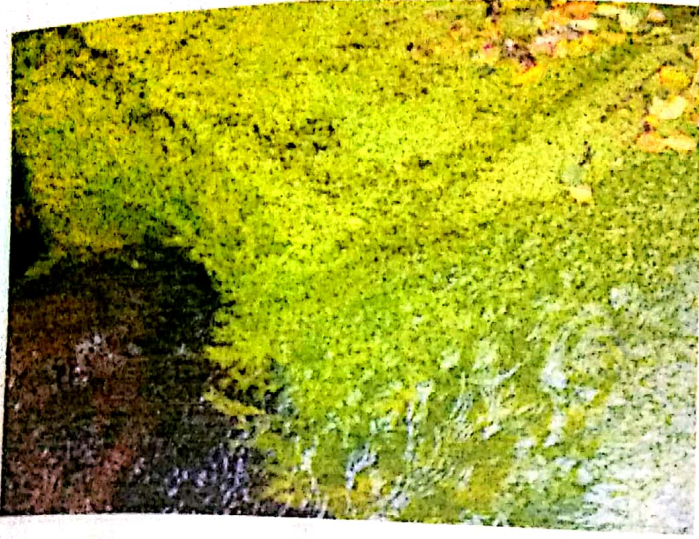
Kingdom - Plantae
 clade - Tracheophytes
 Division - Polypodiophyta
 Class - Polypodiopsida
 order - Polypodiales
 sub-order - Aspleniales
 Family - Athyaceae
 Genus - Diplazium

Diplazium dictyochianum



Kingdom - Plantae
 clade - Tracheophytes
 class - Lycopodiopsida
 order - Lycopodiales
 Family - Lycopodiaceae
 sub-Family - Huperzioidae
 Genus - Huperzia

Huperzia selago



Kingdom - plantae
 Division - Bryophyta
 class - sphagnopsida
 Order - sphagnales
 Family - Sphagnaceae
 Genus - sphagnum

sphagnum flexuosum