

Field study report

Session 2015-2016

Department of Botany

During the session 2015-16, a one day field study was conducted at **Namrup College Botanical Garden** on **4th April, 2016** under the guidance of Mr. Bimal Ch. Gogoi (Head of Department) along with departmental colleague Mr. Jayanta Sonowal, two barrier and nine students to fulfill the requirement of degree (Non-CBCS) syllabus. The aim of the field trip was to study and listing of economically importance plant species found in the College Botanical Garden.

Botanical garden of Namrup college campus was established on 4th February 2004. This garden serves as conservation, research and education center for the students and also provide recreation facilities to the public. A total of 77 economic important species were recorded in the study including both medicinal and fruit yielding plants.

Verified
Principal
Namrup College
04/04/16


Signature

HoD
Dept. of Botany
Namrup College



Field study report

Session 2017-2018

Department of Botany

During the session 2017-18, the department of Botany visited **Dibru-Saikhowa National Park** as a one day field study trip which was the part of degree (Non-CBCS) syllabus on **4th February 2018**. The field trip was guided by Mr. Jayanta Sonowal (Asst. Professor, Dept. of Botany). A total of 9 students were participated in the field study. The aim of the field study was to understand the complex nature of the natural environment.

The forest of Dibru-Saikhowa consists of semi-evergreen forests, deciduous, littoral and swamp forests and patches of wet evergreen forests. The national park is about 35.84% moist mixed forest, 9.50% degraded forest and 21.25% grassland. Major tree species of the area are *tetrasperma*, *Dillenia indica*, *Bischofia javanica*, *Bombax ceiba*, *Lagerstroemia parviflora*, *Terminalia myriocarpa*, *Mesua ferrea*, *Dalbergia sissoo*, and *Ficus*. *Arundo donax*, *Imperata cylindrica*, *Phragmites karka*, *Saccharum ravennae* are principal grasses of the national park. About 35 species of epiphytic orchids and 8 species of terrestrial orchid are recorded from the study.

The tour was quite fruitful and successful from the point of the purpose of our visit.

Signature



Mr. Jayanta Sonowal
Asst. Professor
Teacher Guide of field trip

Verified
Principal
2018
Namrup College



Field study report

Session 2018-2019

Department of Botany

The department of Botany under the headship of Mr. Bimol Ch. Gogoi along with departmental colleague Mr. Jayanta Sonowal and seven numbers of 5th semester student (Non-CBCS) went to **Dehing Patkai Wildlife Sanctuary** for a one day field study visit as a part of degree syllabus on **28th December, 2018** to study the vegetation along with endemic and common plants of the sanctuary.

As the forest type of the sanctuary fall under the forest classification **wet tropical evergreen forest "rainforest"**, four types of canopy is found with rich diversity of tree, herb, shrub and climber. The study documented 101 species of orchids under 45 genera (79 species are epiphyte, 21 terrestrial and 1 saprophyte); eight critically endangered species, 5 near threatened species and 28 vulnerable species. The sanctuary has many wetland areas which provide habitat to many aquatic flora and fauna. The sanctuary also rich in natural resources which provide subsistence and livelihood to the fringe people.



Signature

Ho.D.
Dept. of Botany
Namrup College



Principal i/c
Namrup College

