



HOLY CROSS COLLEGE

(An ISO 9001:2015 certified institution)

Tripura Central University Reg. Code: 17

Jubatara, P.O. Lembucherra, Mohanpur Road, Tripura (W) Pin - 799210

Phone: (0381) 286 5222 / 09402315672, Fax: (0381) 2342572

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Web: www.holycrosscollege.in

"Educating hearts and minds"

NAAC ACCREDITED WITH 'A' GRADE (2017)

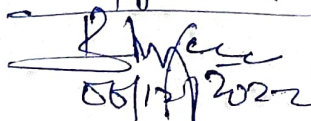
To
The Principal
Holy Cross College.
Jubatara, Agartala.


Date:-06/12/2022

Subject: Permission for field visit with the students of the 3rd semester Zoology General.

Reverend Father,

This is to let you know that the Department of Zoology needs to conduct a field visit to Shipaipara Village, Jubatara Agartala with 3rd semester Zoology general students, as a part of their curriculum. In this regard we do hereby seek your permission for the field visit on 9th December 2022. The aim of this field visit is to study the environment of local area and availability of Zoological species in the said area.

Approved

06/12/2022
PRINCIPAL
HOLY CROSS COLLEGE
AGARTALA

Thanking You
Yours sincerely

Dr. Rumki Nath Sen.
HOD, Dept. of Zoology



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REPORT ON FIELD TRIP BY STUDENTS OF 3RD SEMESTER (GENERAL) GROUP OF THE DEPARTMENT OF ZOOLOGY.

DATE: 10.12.2022

A field trip was carried out on 9TH December 2022 (11:00 am to 02:00pm) for the students of 3rd Semester, Zoology (General) Holy Cross College, to study the terrestrial fauna. The study was carried out at Debendrachandranagar, West Tripura which is 1.02 kilometers away from our college. The studied area comprised mainly of *Hevea Brasiliensis*, *Mangifera indica*, *Ficus elastica*. Small agricultural fields of *Oryza sativa* was also present.

To understand the density and diversity of the terrestrial fauna, students of 3rd semester (B.Sc. Zoology -General) had made a wide range of observation covering a scarcely populated area adjoining a mixed forest area.

Students were divided into small groups. They studied the faunal diversity, classified the different specimens on spot by observation; without actually harming any of them.

The overall observations revealed that the studied area was composed of a wide group of animal species which included total Sixteen (16) identified species. The identified species occupied three (3) phyla amongst four (4) order of ten (10) families. Phylum Arthropoda seemed to be very diversified group. There were casts of various species of earthworms (Phylum Annelida) as well.

Butterfly is an indicator species and represent the diversity and responses of other wildlife. It indicates that the area is very rich in Biodiversity. Specimens of this insect order (Lepidoptera) were photographed. *Junonia atlites*, *Ixias pyrene*, *Acytolepis puspa*, *Pseudozizreria maha* are some of them. Some representatives of the insect order Odonata; popularly known as dragonflies were also recorded.



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Such studies are always useful and essential for us, as biodiversity contributes to environmental, economic, cultural and social well-being by providing valuable ecosystem services such as pollination, carbon storage by forests, biofiltration of water, nutrient cycling, soil formation, erosion control, sediment retention and recreation opportunities.

The young minds of the Department were fueled enough by this short trip to look into their own neighbourhood, list and take care of the various available specimens of The local fauna.

The total number of student participants of this trip was 40. The group was accompanied by Dr. Subhalaxmi Bhattacharjee and Dr. Parichita Roy Chaudhury; both Asst. Professor, Department of Zoology, Holy Cross College, Agartala. Mr. Nantu Kar the Laboratory Assistant of the Department was also present.

This report is prepared by Dr. Subhalaxmi Bhattacharjee, faculty of the department and Pohor Debbarma, student, 3rd semester Zoology(General) 2022.

Dr. Rumki Nath Sen
10/12/2022

Dr. Rumki Nath Sen
Head of the Department
Dept. of Zoology

Head, Dept. of Zoology
Holy Cross College
Agartala

Dr. Fr. Benny K. John

Dr. Fr. Benny K. John, CSC
Principal
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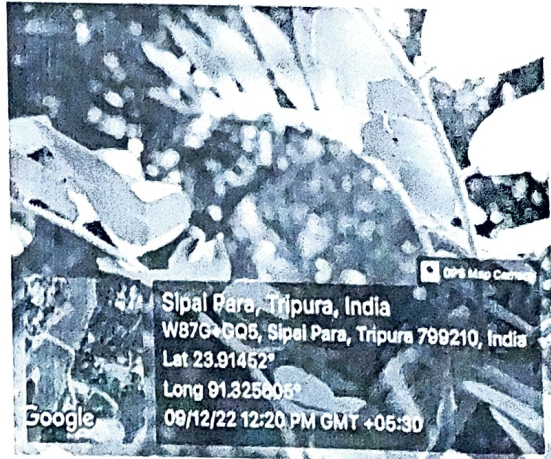
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