

KAZI NAZRUL UNIVERSITY

FIELD REPORT

Zoological Excursion:- 2022-"Dehradun"

B. Sc. Zoology (Honours) Practical Examination



Registration No:- KNU20113001398 of 2020-2021

Roll No:- 1132004122043016

Raniganj Girls' College

Course Name: **Behaviour and Chronobiology**

Course Code: **BSCHZOOC401**

A Field visit Report to **DEHRADUN**

Submitted by Semester-IV students (Academic Year 2021-22)

Name of the student	Registration Number
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CERTIFICATE

This is to certify that this Field visit Report submitted by the students for the award of degree of B.Sc. Honours is a bonafide record of work carried out under our guidance and supervision.

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ANJALI KUMARI SINGH	KNU20113001238
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Place: Raniganj

Date: 18.07.2022

Umesh Chandra Haldar *Buddhadeb Mallick*

Juhin Subhra Ghosh

Assistant Professor, Department of Zoology

Signature of the supervisor with designation and department

CERTIFICATE

*This is certify that **URMI DEY**
Roll No:- **1132004122043016**
Registration No:- **KNU20113001398 of**
2020-2021*

*Of our department took part in the excursion
2022 to Dehradun from **27/03/2022 to**
01/04/2022 to fulfill the curriculum of B.Sc.
Zoology Honours Pratical Examination.*

Signature

INDEX

<u>SL. NO.</u>	<u>CONTENTS</u>	<u>PAGE NO.</u>
1.	Certificate	2
2.	Introduction	4
3.	Aim of Excursion	4
4.	Our Expedition	4
5.	Participants	5
6.	About the site	6
7.	Tourist map of Dehradun	7
8.	Visit to Asan barrage	8
9.	Visit to Sahasradhara	8
10.	Visit to Rishikesh and Haridwar	9
11.	Visit to FRI	9
12.	Bird watching	11
13.	Scientific names of observed species	14
14.	Photo gallery	14

INTRODUCTION

Learning is a holistic experience and properly conducted excursions help students to learn in a much better way. It provides the students with first hand experience. Specially in zoology it gives an insight into the habit and habitat, behaviour and characteristics of animals due to a particular environment.

Aim of Excursion

To know the unknown and to see the unseen is the eternal curiosity of human beings. This curiosity is to be fulfilled by a pleasurable trip to the heart of nature.

At zoological excursions, travel and learning go hand in hand. The world becomes our classroom and the lifeless black letters of our textbooks comes alive in front of our eyes. Excursion is an essential part of our education which increases and supplements our knowledge.

Our Expedition

The excursion team of Raniganj Girls' College from Department of Zoology consisting of 26 students and 6 Professors started our journey towards Dehradun on 27.03.2022 in the afternoon. We boarded the Kumbha express and reached our destination on 28.03.2022 in the evening and accommodated ourselves at Hotel Embassy. We spent 3 days at Dehradun and returned on 02.04.2022.

PARTICIPANTS

TEACHERS

- DR. Umesh Chandra Halder
- DR. Budhhadev Mallick
- DR. Sukanta Rana
- DR. Tuhin Subhra Ghosh
- Prof. Puja Sarkar

Non-teaching staff

- Mr. Shantiram Maji

Students

- Anushka Chatterjee
- Shreya Sadhu
- Sudeshna Layek
- Susama Bhui
- Sandipa Shit
- Hena Parween
- Ankita Singha
- Antara Mukherjee
- Anjali Kumari Singh
- Anjali Modak
- Indrani Das
- Syeda Imama Khatun
- Shreya Khan
- Mushk Sanobar
- Titli Dutta
- Urmi Dey
- Srijeeta Ghosh
- Trisita Ghosh
- Arpita Layek
- Bidisa Mondal
- Priyanka Maji
- Chaiti Chatterjee
- Puja Kumari
- Sneha Biswakarma
- Supriya Gope
- Srabani Modak

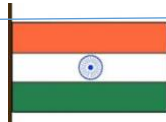
About the site

Dehradun

Dehradun is the Capital of the Indian State of Uttarakhand, near the Himalaya foothills. At its core is the 6-sided Ghanta Ghar clock tower.

Dehradun is a notable academic and research hub and is home to the Indian Military Academy, Forest Research Institute, Indira Gandhi National Forest Academy, The Doon School, Welham Boys School, Rashtriya Indian Military College, Uttarakhand Ayurveda University, Wadia Institute of Himalayan Geology and the Indian Institute of Remote Sensing.

Coordinates :-30.345°N78.029°E



Country	India
State	Uttarakhand
District	Dehradun
Founded	1817
Municipality	1867

Elevation 640m(2,100 ft)

Population ⁽²⁾⁽⁴⁾⁽⁵⁾

- City 803,983 (2,018)
- Rank 79th

Languages

- Official
- Additional
- Regional Jaunsar⁽¹¹⁾

Hindi ⁽⁷⁾
Sanskrit ⁽⁸⁾⁽⁹⁾
Garhwali, (10)

Time Zone UTC+5:30 (IST)

Details about the Excursion

29th March 2022

“ Visit to Asan Barrage ”

Description of the site :-



The Asan Barrage is a barrage in the Uttarakhand - Himachal Pradesh border region in Doon Valley, (Dehradun district), northern India, situated at the confluence of the Eastern Yamuna Canal and the Asan River, northwest of Dehradun in Uttarakhand. The barrage is 287.5m long and has water throughout the year which is fed from the river Asan and the discharge channel of the river Yamuna. Since 2020 it has been declared as Uttarakhand's first Ramsar site.

On the morning of 29th March we commenced our journey towards Asan Barrage. It was a beautiful place with umpteen flora and fauna. The thing that attracted us the most at Asan Barrage was thousands of fruits bats (Megachiroptera). The other species that we saw there are mentioned later.

Visit to “Sahasradhara”:

Description of site:-

Sahasradhara, meaning thousandfold spring, is one of the most popular destination located in Dehradun in Uttarakhand state of India. This is situated on the banks of small river, Kali Gad which a tributary of Song River. The place has magnificent beauty of nature where water drips from the limestone stalactites, making the water abundant in sulphur and thus the place is known for its sulphur springs. The sulphur water springs are of relatively lower temperature than its surroundings. After visiting Asan Barrage we headed towards Sahasradhara, and saw beautiful Waterfalls and Caves. The place is filled with notorious rhesus macaque. The other species found there are mentioned later.

30th March,2022 :

“Visit to Rishikesh and Haridwar”

Description:

On the morning of March 30 we headed towards Rishikesh. We all were Mesmerized by the beauty of the roads and hills. Rishikesh is about 44.4 Km from Dehradun. We spent our entire morning at Rishikesh, enjoying the beautiful nature and the ghats of Ganga. We also observed few species of birds there and then in the afternoon we headed towards Haridwar. We spent the evening there and returned after dusk. This was a peaceful day in the lap of nature.

31st March,2022

“Visit to Forest Research Institute(FRI),Dehradun”

Description of the site:-

Forest Research Institute is a Natural Resource Service Training institute of the Indian Council of Forestry Research and Education. It is located at Dehradun, Uttarakhand and is among the oldest institute of its kind. It was established in 1906 under the British Imperial Forestry Service. There are 6 sections in the museum of FRI: Pathology museum, Social Forestry museum, Silviculture museum, Timber museum, Non-wood forest products museum and Entomology museum.



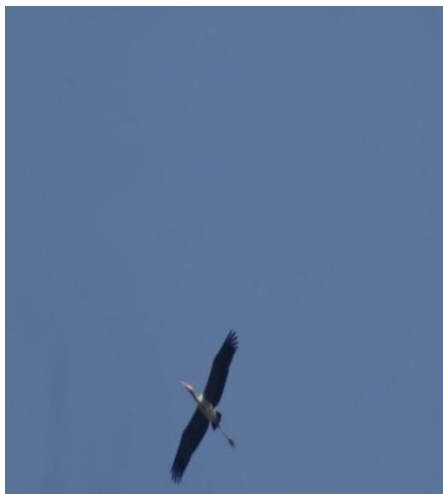
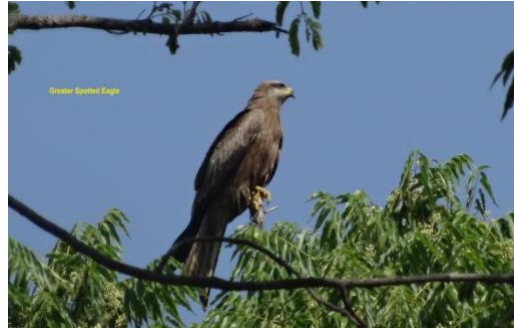
Our most significant visit was conducted on the 3rd day of the trip and it was to the Forest Research Institute Dehradun. While moving towards the main campus we saw diverse species of birds. Among the 6 museums, we were able to visit 3, which were, Pathology museum, silviculture museum and timber museum.

In the pathology museum we saw various kinds of fungus and timber infected with various kinds of pathogens. Timber museum was loaded with various kinds of tree trunks and timber made products from old times. The word silviculture was very new to us. But the moment we entered there we got the exact theme of the museum. The museum was filled with large 3-D models of various aspects and types of forests, biodiversity conservation, forest products, etc.,

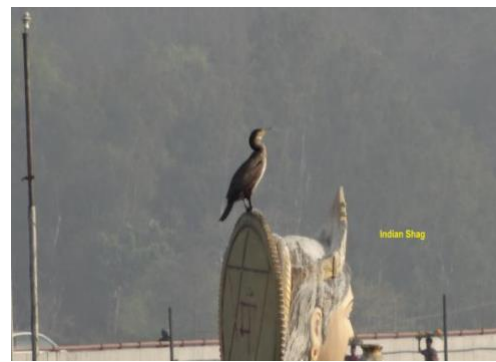
In FRI, we were very elated to meet Dr. Arun Pratap Singh Scientist-F under ICFRE. He has an expertise in forest entomology, Butterfly tourism, Butterfly trails ornithology, etc. He said that the entomology museum at FRI was one of the largest in Asia with great collection of Butterflies. But unfortunately we could not visit that due to renovation activities going on there. He also provided us with the information about his latest research work on “Biodiversity conservation and ecology with special reference to lepidoptera and birds across Himalayan region”. Although we couldn’t visit entomology section but we saw the butterfly and various other arthropoda collection that was present in his chamber.

We left FRI at about 3 p.m, came back to our hotel and packed our bags for return journey on 31st March, 2022. This marked the end of our educational excursion to Dehradun.

Bird Watching During Excursion



Name of the species {in clockwise direction} : Yellow footed green pigeon, Greater spotted eagle, Grey Wagtail, Brown headed barbet, Painted stork, White browed wagtail



Name of the species[in clockwise direction] : Little comorant, River lapwing, Indian shag, Indian grey hornbill, Spotted dove, Rose ringed parakeet, Migratory sea gull, Blue rock thrush



Name of the species{in clockwise direction} : Brown headed barbet, Hawk eagle, White wagtail, Fruit bats

Scientific Names of observed species

COMMON NAME	SCIENTIFIC NAME
Brown-headed barbet	<i>Psilopogon sp.</i>
Spotted Dove	<i>Spilopelia sp.</i>
Rose-ringed Parakeet	<i>Pssitacula sp.</i>
Indian grey hornbill	<i>Ocyrceros sp.</i>
Migratory sea gull	<i>Larus sp.</i>
Indian shag	<i>Phalacrocorax sp.</i>
River Lapwing	<i>Vanellus sp.</i>
Little Cormorant	<i>Microcarbo sp.</i>
Blue whistling thrush	<i>Myophonus sp.</i>
Blue rock thrush	<i>Monticola sp.</i>
Grey wagtail	<i>Motacilla sp.</i>
White browed wagtail	<i>Motacilla maderaspatensis</i>
Greater spotted eagle	<i>Clanga clanga</i>
Yellow footed green pigeon	<i>Treeron sp.</i>
Painted stork	<i>Mycteria sp.</i>
Hawk eagle	<i>Nisaetus sp.</i>
White wagtail	<i>Motacilla alba</i>
Indian flying fox	<i>Pteropus giganteus</i>

Photo Gallery



Excursion team of Raniganj Girls' College at FRI [left], with DR. Arun Pratap Singh [right] and at Asan barrage [bottom]