



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE
NAAC accredited with 'B' Grade



Project Report on Diversity of Insects

Department of Zoology
Gargaon College



Overview of the Program: Study of diversity of insects across Gargaon College area, rice field of Gargaon Village, Sivasagar and Tea Garden of Deohaal, Charaideo, Sivasagar, Assam

Name of the Program: Study of diversity of insects across Gargaon College area, rice field of Gargaon Village, Sivasagar and Tea Garden of Deohaal, Charaideo, Sivasagar, Assam

Objective of the program:

The objective of this project is to gain knowledge about the diversity of insects in our college area as well as in Rice fields of Gargaon Village and Tea Gardens of Deohaal, Sivasagar. This project deals with the collection and identification of insects of diverse group including rice pest, tea pest, different types of moths, butterflies, dragonflies etc. Insects are the most diverse, successful, and dominant taxon of the animal kingdom. It is due to their diverse body size, habits, fecundity, different modes of respiration, food diversity etc. Because of these diverse characteristics, they became an important component of our ecosystem. They have a significant influence on agriculture, human health, and natural resources. Insects are extremely important to ecosystems and they are what make the ecosystems tick, remarked. Understanding the extent of insect diversity is one of the major challenges in modern ecology. They have permeated the diverse and essential natural processes that sustain biological systems, making up over 75% of known species of animals. Thus, the diversity and ecological importance of insects make them very valuable for studies of biodiversity. Similarly, Insects have great potential for understanding ecosystems and as measures of ecosystem health, but the incompleteness of knowledge and the limitation of resources increase the difficulty of working on insect biodiversity. This was the main reason for analyzing the status of insects' diversity across **Gargaon College area and Rice fields of Gargaon Village and Tea Gardens of Deohaal of Sivasagar District of Assam.**



Rationality of the Program:

The outreach programs helped the students to understand the diversity of insects, habitat of insects and their behaviour in their natural habitats. Additionally, the field study provides a general overview of the existing biodiversity of various insects, current threats and our contribution for its sustenance. Insects are most diverse, successful and dominant taxon of the animal kingdom. They are found in almost every habitat across the globe. It is due to their diverse body size, habit, fecundity, different modes of respiration, food diversity etc. Because of these diverse characteristics, they became an important component of our ecosystem. They have significant influence on agriculture, human health and natural resources. This was the main reason for analysing the status of insects' diversity across Gargaon College area and Rice fields of Gargaon Village and Tea Gardens of Deohaal of Sivasagar District of Assam. Insects are extremely important to ecosystems and they are what make the ecosystems tick, remarked. Understanding the extent of insect diversity is one of the major challenges in modern ecology. They have permeated the diverse and essential natural processes that sustain biological systems, making up over 75% of known species of animals.

Brief report of the Program:

A study was conducted on diversity of insects by the students of B.Sc. 5th Sem Semester, Department of Zoology, Gargaon College, as part of their syllabus and the study was conducted in October and November month, 2022. A total of 34 number of students and teacher in-charge Dr. Rashmi Dutta and Ms. Pimily Langthasa supervised the study. The study was carried out to explore the diversity of various insects' fauna available in Gargaon College campus, Rice field area of Gargaon village and Tea Gardens of Deohaal, Sivasagar District. The study on diversity of insects enriched the students with adequate knowledge on the diverse fauna of insects existing therein. In this investigation, many groups of insects recognized were; Blattodae, Coleoptera, Diptera, Hemiptera, Hymenoptera, Lepidoptera, Mecoptera, Odonata and Orthoptera. They are unique in their own way and have an important ecological role for survival of life on Earth. This is the first study which reports the abundance and distribution of insects in the Gargaon College Campus, Rice field of Gargaon village and Tea Garden of Deohaal, Sivasagarg District. Diversity of the insects in the present study can be utilized as an indicator of changing environmental conditions in the campus. In this study, a total of 48 individual of insects from 13 orders were collected. They are from the order of Blattodae (cockroaches), Coleoptera (beetles), Diptera (flies), Hemiptera (plant-bug), Hymenoptera (wasps, bees and ants), Lepidoptera (moth and butterfly), Mecoptera (scorpionflies), Odonata (dragonflies), Orthoptera (grasshoppers & crickets). The insects collected were ecologically important species. Several groups of insects are known to exhibit and live in social groups. The most well-known social insect is the honey bee that has a high economic importance. The honey bee can also indicate the productivity of the ecosystem. During the study, insects living in colonies representing three orders including Hymenoptera, Diptera and Hemiptera were observed



Under the Course: DSE II

Organized by: Department of Zoology, Gargaon College

Visited by: B.Sc. 5th Semester Students and Teacher in-charge

Number of Participants: 34

Nature of Activity: Extension and Outreach

Students Report Link:

<https://drive.google.com/file/d/1VhMCihpzI9U7ks5ATPuCQoAC87658ZFt/view?usp=sharing>

List of Participants:

Name of the Student	Roll Number	Project Report on	Supervisor
Ankur Gogoi	18520009	Study of Insect Diversity	Ms. Pimily Langthasa
Mousam Mohan	18520068	Study of Insect Diversity	Ms. Pimily Langthasa
Nituraj Phukan	18520079	Study of Insect Diversity	Ms. Pimily Langthasa
Ratul Borah	18520096	Study of Insect Diversity	Ms. Pimily Langthasa
Aparajita Baruah	18520137	Study of Insect Diversity	Ms. Pimily Langthasa
Aradhana Borah	18520138	Study of Insect Diversity	Ms. Pimily Langthasa
Dipshikha Borah	18520145	Study of Insect Diversity	Ms. Pimily Langthasa
Jyotika Buragohain	18520153	Study of Insect Diversity	Ms. Pimily Langthasa
Jyotismoti Phukan	18520154	Study of Insect Diversity	Dr. Rashmi Dutta
Liza Mohan	18520159	Study of Insect Diversity	Dr. Rashmi Dutta
Luna Deori	18520161	Study of Insect Diversity	Dr. Rashmi Dutta
Meetali Buragohain	18520164	Study of Insect Diversity	Dr. Rashmi Dutta
Murchana Arandhara	18520166	Study of Insect Diversity	Dr. Rashmi Dutta
Riya Devi	18520167	Study of Insect Diversity	Dr. Rashmi Dutta
Namita Gogoi	18520169	Study of Insect Diversity	Dr. Rashmi Dutta
Payal Ghosh	18520175	Study of Insect Diversity	Dr. Rashmi Dutta
Pragyashree Gogoi	18520176	Study of Insect Diversity	Dr. Rashmi Dutta
Priyakhi Gogoi	18520177	Study of Insect Diversity	Dr. Rashmi Dutta
Rongpi Konwar	18520182	Study of Insect Diversity	Dr. Rashmi Dutta
Sumaya Hussain	18520190	Study of Insect Diversity	Dr. Rashmi Dutta
Tabassum Ahmed	18520194	Study of Insect Diversity	Dr. Rashmi Dutta
Usha Rani Doley	18520198	Study of Insect Diversity	Dr. Rashmi Dutta



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GARGAON COLLEGE
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Photographs:



INSECTA FIELD STUDY REPORT



Roll No : 18520009

Handwritten signature and date: 22/12/22


NAME: ANKUR GOGOI
SEM: 5TH SEMESTER
DEPT: ZOOLOGY
ROLL NO: 335 1852009
COLLEGE: GARGAON COLLEGE.
PAPER CODE: DSE2


CERTIFICATE

This is to certify that, Ankur Gogoi, bearing Roll No 18520009
_____ had sincerely completed his/her field trip report on visit to Visiting to Gargaon College campus area, paddy field and tea garden to study the insect diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE- insect)

Teacher in charge


Dr. Rashmi Dutta


Pimily Langthasa

Dr. Anurag Proton Das. 


Dr. Rina Handique (HOD)

Department of Zoology
GARGAON COLLEGE
Simaluguri.

Field Study Report

On

Insect diversity.



Submitted by: -

Name: - MOUSUM MOHAN

Roll No: - 18520068

Registration No: - S2006899

Paper Code: - DSE -IV (Biology of Insecta)

Class: - 5th Semester

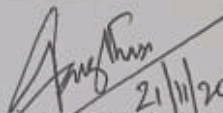
Submitted to: - Zoology Department, Gargaon College

A handwritten signature in red ink, likely of the student, is written over the registration number and paper code information.

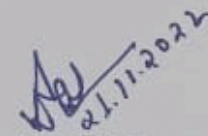
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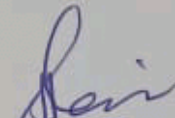
This is to certify that, **MOUSUM MOHAN**, bearing Roll no: **18520068**, had sincerely completed his field study report on visit to a forest / biodiversity park to study insect diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field project report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-IV – Biology of Insecta)

Teacher in charge


Ms. Pimily Langthasa
21/11/2022


Dr. Rashmi Dutta
21/11/2022


Dr. Anurag Protim Das
21.11.2022


Dr. Rina Handique (HOD)
Department of Zoology
Department of Zoology
GARGAON COLLEGE
Simaluguri,

Field study report

On

Insect Diversity



Submitted by: -

Name: - Nituraj Phukon

Roll No: - 18520079

Registration No: - S2006917

Paper Code: - DSE - IV (Biology of Insecta)

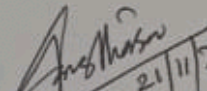
Class: - 5th Semester

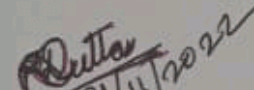
Submitted to: - Zoology Department, Gargaon College

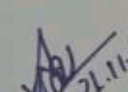
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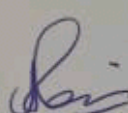
This is to certify that, **Nituraj Phukon**, bearing Roll no **18520079**, had sincerely completed his field study report on visit to a forest / biodiversity park to study insect diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field project report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-IV – Biology of Insecta)

Teacher in charge


Ms. Pimily Langthasa


Dr. Rashmi Dutta


Dr. Anurag Protim Das


Dr. Rina Handique (HOD)
Department of Zoology
GARGAON COLLEGE
Simaluguri.

Field study report

On Insect diversity



Submitted by: -

Name: - Ratul Borah

Roll No: - 18520096

Registration No: - S2006944

Paper Code: - DSE -IV (Biology of Insecta)

Class: - 5th Semester

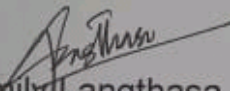
Handwritten signature in red ink.

Submitted to: - Zoology Department, Gargaon College


CERTIFICATE


This is to certify that, **Ratul Borah** bearing Roll no **18520096**, had sincerely completed his field study report on visit to a forest / biodiversity park to study insect diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field project report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-IV – Biology of Insecta)

Teacher in charge


Ms. Pimily Langthasa


Dr. Rashmi Dutta

Dr. Anurag Protim Das 


Dr. Rina Handique (HOD)
Department of Zoology

Department of Zoology
GARGAON COLLEGE
Simaluguri.

INSECTA FIELD STUDY REPORT



Roll No : 18520137

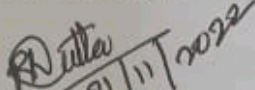
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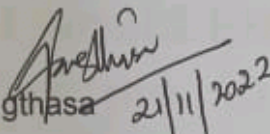
NAME: APARAJITA BARUAH
SEM: 5TH SEMESTER
DEPT: ZOOLOGY
ROLL NO: 18520137
COLLEGE: GARGAON COLLEGE.
PAPER CODE: DSE

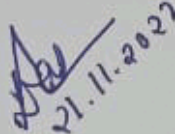
CERTIFICATE


This is to certify that, APARAJITA BARUAH, bearing Roll No GCB20
20120 had sincerely completed his/her field trip report on visit to Visiting to Gargaon College campus area, paddy field and tea garden to study the insect diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE- insect)

Teacher in charge


Dr. Rashmi Dutta


Pimily Langthasa


Dr. Anurag PROTIM DAS


Dr. Rina Handique (HOD)
Department of Zoology
GARGAON COLLEGE
Simaluguri

Field study report

On

Biology of Insecta



Submitted by :-

Name :- Aradhana Borah

Roll No :- 18520138

Regi No :- S2006815

Paper Code :- DSE -4 Biology of Insecta


Class :- 5th Semester

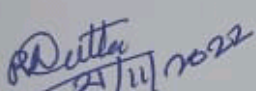
Submitted to :- Zoology Department, Gargaon College


CERTIFICATE


This is to certify that Aradhana Borah bearing Roll No 18520138 had sincerely completed her report on field study on insects and their diversity under the supervision of Dr. Rina Handique, Associate Professor, Head - Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-2 Biology of Insecta)

Teacher in charge


Ms. Pimily Langthasa


Dr. Rashmi Dutta

Dr. Anurag Protim Das 


Dr. Rina Handique (HOD)
Department of Zoology

Department of Zoology
GARGAON COLLEGE
Simaluguri

A PROJECT REPORT ON INSECT DIVERSITY



SUBMITTED BY:

NAME- DIPSIKHA BORAH

SEMESTER- B.Sc 5th sem

ROLLNO- 18520145

REGD.NO- S2006849

SUBJECT- ZOOLOGY(HONOURS)

PAPER TITLE-BIOLOGY OF INSECTA

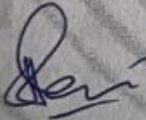
PAPER CODE- DSE4

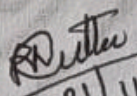
YEAR-2022

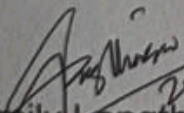
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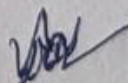
This is to certify that DIPSIKHA BORAH, bearing Roll No 18520145 had sincerely completed her field trip report on visit to a tea garden/ paddy field/ college campus to study insect diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE- Biology of Insecta).

TEACHER IN CHARGE


Dr. Rina Handique (HOD)
Department of Zoology
GARGAON COLLEGE
Simaluguri.


21/11/2022
Dr. Rashmi Dutta


21/11/2022
Pimily Langthasa


21/11/2022
Dr. Anurag Das

Field study report

On

Biology of Insecta



Submitted by :-

Name :- Jyotika Buragohain

Roll No :- 18520153

Regi No :- S2006870

Paper Code :- DSE-4 Biology of Insecta

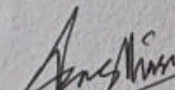
Class :- 5th Semester

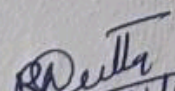
Submitted to :- Zoology Department, Gargaon College


CERTIFICATE

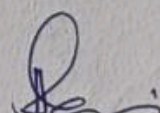
This is to certify that Jyotika Buragohain bearing Roll No 18520153 had sincerely completed her report on field study on insects and their diversity under the supervision of Dr. Rina Handique, Associate Professor, Head - Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-2 Biology of Insecta)

Teacher in charge


Ms. Pimily Langthasa
21/11/2022


Dr. Rashmi Dutta
21/11/2022

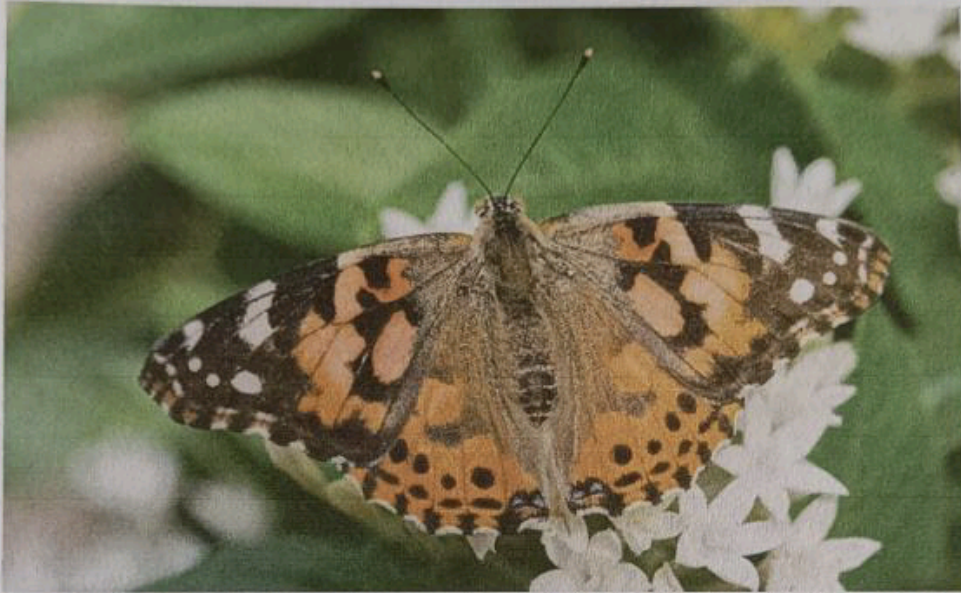
Dr. Anurag Protim Das 


Dr. Rina Handique (HOD)
Department of Zoology
Department of Zoology
GARGAON COLLEGE
Simaluguri,

Field study report

On

Insect Diversity



Submitted by: -

Name:- Jyotishmoti Phukon

Roll No :- 18520154

Registration No:- S2006871

Paper Code:- DSE-IV (Biology of Insecta)

Class:- 5th Semester

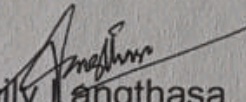
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22/12/22

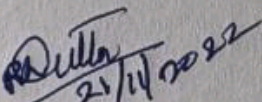
Submitted to: - Zoology Department, Gargaon College


CERTIFICATE

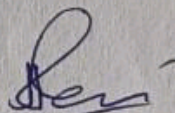
This is to certify that, **Jyotishmoti Phukon**, bearing Roll no **18520154**, had sincerely completed his field study report on visit to a forest / biodiversity park to study insect diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field project report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-IV – Biology of Insecta)

Teacher in charge


Ms. Pimily Langthasa


Dr. Rashmi Dutta

Dr. Anurag Protim Das 


Dr. Rina Handique (HOD)
Department of Zoology

Department of Zoology
GARGAON COLLEGE
Simaluguri.

Field study report

On

Insect Diversity



Submitted by: -

Name: - Liza Mohan

Roll No: - 18520159

Registration No: - S2006884

Paper Code: - DSE - IV (Biology of Insecta)

Class: - 5th Semester

Submitted to: - Zoology Department, Gargaon College

CERTIFICATE

This is to certify that, **Liza Mohan**, bearing Roll no **18520159**, had sincerely completed her field study report on visit to a forest / biodiversity park to study insect diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field project report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-IV – Biology of Insecta)

Teacher in charge

Ms. Pimily Langhasa

Dr. Rashmi Dutta

Dr. Anurag Protim Das

Dr. Rina Handique (HOD)
Department of Zoology

Department of Zoology
GARGAON COLLEGE
Simaluguri

INSECTA FIELD STUDY REPORT



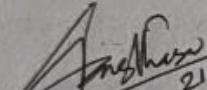
Luna Deori

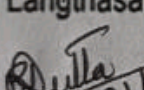
NAME: LUNA DEORI
SEM: 5TH SEMESTER
DEPT: ZOOLOGY
ROLL NO: 18520161
COLLEGE: GARGAON COLLEGE.
PAPER CODE: DSE2


CERTIFICATE

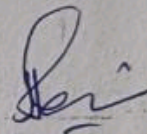
This is to certify that, Luna Deori, bearing Roll No 185
20164 had sincerely completed his field trip report on visit to a forest/ wild-life
sanctuary/ biodiversity park/ zoological park to study behavioral activities of animal
under the supervision of Dr. Rina Handique, Associate Professor, Head – Department
of Zoology, Gargaon College. It is further certified that the candidate has complied with
all the formalities as per the requirements of Dibrugarh University. The field report has
been completed under the guidance of teachers which is undertaken as a part of their
partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE- Animal
Behavior and Chronobiology)

Teacher in charge


Pimily Langthasa 21/11/2022


Dr. Rashmi Dutta 21/11/2022

Dr. Anurag Pratih Das.  21.11.2022



Dr. Rina Handique (HOD)

Department of Zoology
GARGAON COLLEGE
Simaluguri.

Field study report

On

Biology of Insecta



Submitted by :-

Name :- Meetal Buragohain

Roll No :- 18520164

Regi No :- S2006892

Paper Code :- DSE -4 Biology of Insecta

Class :- 5th Semester

Submitted to :- Zoology Department, Gargaon College


CERTIFICATE

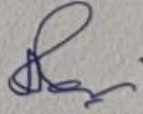
This is to certify that Meetali Buragohain bearing Roll No 18520164 had sincerely completed her report on field study on insects and their diversity under the supervision of Dr. Rina Handique, Associate Professor, Head - Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-2 Biology of Insecta)

Teacher in charge


Ms. Pimily Langthasa


Dr. Rashmi Dutta

Dr. Anurag Protim Das 


Dr. Rina Handique (HOD)
Department of Zoology

Department of Zoology
GARGAON COLLEGE
Simaluguri

Field study report

On

Biology of insecta



Submitted by :-

Name :- Murchana Arandhara

Roll No :- 18520166

Regi No :- S2006894

Paper Code :- DSE -2 Biology of Insecta

Class :- 5th Semester

Submitted to :- Zoology Department, Gargaon College

(Handwritten signatures in red ink)

CERTIFICATE

This is to certify that , Murchana Arandhara bearing Roll No 18520166 had sincerely completed her report on field study on insects and their diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-2 Biology of Insecta)

Teacher in charge

Ms. Pimily Langthasa

Dr. Rashmi Dutta

Dr. Anurag Protim Das

Dr. Rina Handique (HOD)

Department of Zoology
GARGAON COLLEGE
Simaluguri.

INSECTA FIELD STUDY REPORT 2022



NAME: RIYA DEVI

SEM: 5th SEMESTER

DEPT: ZOOLOGY

ROLL NO: 18520167 (class roll no: 140)

COLLEGE : GARGAON COLLEGE

PAPER CODE: DSE2

[Handwritten signature in red ink]

CERTIFICATE

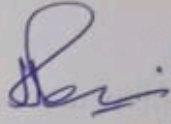
This is to certify that, Miss Riya Devi, bearing Roll No 18520
167 had sincerely completed his field trip report on visit to a forest/ wild-life sanctuary/ biodiversity park/ zoological park to study behavioral activities of animal under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE- Animal Behavior and Chronobiology)

Teacher in charge

Pimily Langthasa

Dr. Rashmi Dutta

Dr. Anurag Gogoi *Prabir Das*


Dr. Rina Handique (HOD)

Department of Zoology
GARGAON COLLEGE
Simaluguri.

INSECTA FIELD STUDY REPORT



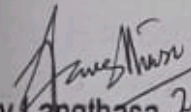
Namita Gogoi
22/12/2022

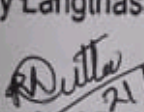
NAME: NAMITA GOGOI
SEM: 5TH SEMESTER
DEPT: ZOOLOGY
ROLL NO: 18520169
COLLEGE: GARGAON COLLEGE.
PAPER CODE: DSE2

CERTIFICATE

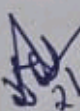
This is to certify that, Narmita Gogoi, bearing Roll No 18520169 had sincerely completed his field trip report on visit to a forest/ wild-life sanctuary/ biodiversity park/ zoological park to study behavioral activities of animal under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE- Animal Behavior and Chronobiology)


Teacher in charge


Pimily Langthasa 20/11/2022


Dr. Rashmi Dutta 21/11/2022

Dr. Anurag Das


21.11.2022


Dr. Rina Handique (HOD)
Department of Zoology
GARGAON COLLEGE
Simaluguri,

Field study report

On

Biology of insecta



Submitted by : -

Name : - Payal Ghosh

Roll No : - 18520175

Regi No : - S2006926

Paper Code :- DSE -2 Biology of Insecta

Class :- 5th Semester


Submitted to : - Zoology Department, Gargaon College

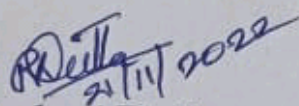
Payal Ghosh
22/12/22


CERTIFICATE

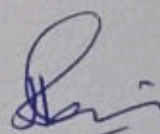
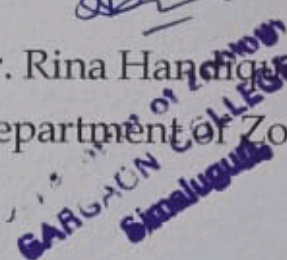
This is to certify that Payal Ghosh bearing Roll No 18520175 had sincerely completed her report on field study on insects and their diversity under the supervision of Dr. Rina Handique, Associate Professor, Head - Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-2 Biology of Insecta)

Teacher in charge

Ms. Pimily Langthasa 

Dr. Rashmi Dutta 
21/11/2022

Dr. Anurag Protim Das 


Dr. Rina Handique (HOD)
Department of Zoology

GARGAON COLLEGE
Simaluguri

Field study report

On

Biology of insecta



Submitted by : -

Name : - Pragyashree Gogoi

Roll No : - 18520176

Regi No : - S2006930

Paper Code :- DSE -2 Biology of Insecta

Class :- 5th Semester

Submitted to : - Zoology Department, Gargaon College

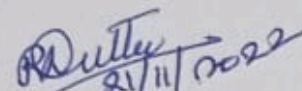
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22/12/22


CERTIFICATE


This is to certify that Pragyashree Gogogi bearing RollNo18520176 had sincerely completed her report on field study on insects and their diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-2 Biology of Insecta)

Teacher in charge

Ms. Pimily Langthasa 

Dr. Rashmi Dutta 
21/11/2022

Dr. Anurag Protim Das 


Dr. Rina Handique (HOD)

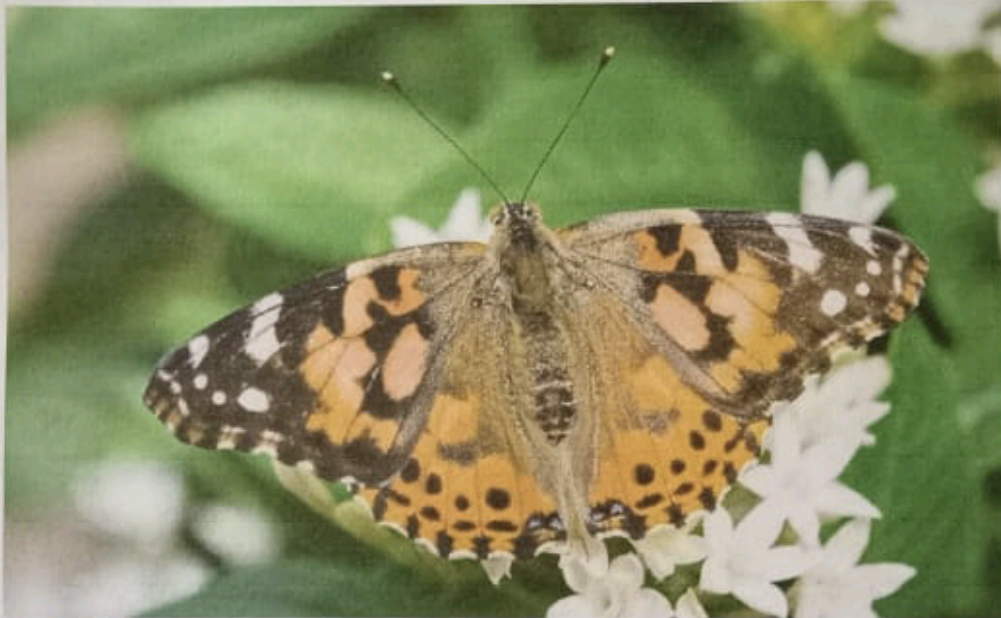
Department of Zoology

Department of Zoology
GARGAON COLLEGE
Dibrugarh

Field study report

On

Insect Diversity



Submitted by: -

Name:- Priyakhi Dutta

Roll No :- 18520177

Registration No:- S2006934

Paper Code:- DSE-IV (Biology of Insecta)

Class:- 5th Semester

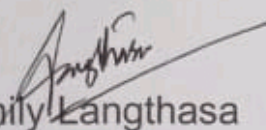
Submitted to: - Zoology Department, Gargaon College

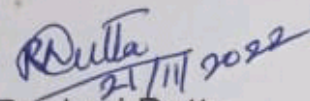
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22/12/22


CERTIFICATE

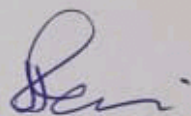
This is to certify that, **Priyakhi Dutta**, bearing Roll no **18520177**, had sincerely completed his field study report on visit to a forest / biodiversity park to study insect diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field project report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-IV – Biology of Insecta)

Teacher in charge


Ms. Pimily Langthasa


Dr. Rashmi Dutta
21/11/2022

Dr. Anurag Protim Das 


Dr. Rina Handique (HOD)
Department of Zoology
Department of Zoology
GARGAON COLLEGE
Simaluguri.

Priyakhi Dutta
Signature of Student

Field study report

On

Biology of insecta



Submitted by :-

Name :- *Rongpi Kenumat*

Roll No :- *18520182*

Regi No :- *S2006948*

Paper Code :- DSE -2 Biology of Insecta

Class :- BSc 5th Semester

Submitted to :- Zoology Department, Gargaon College

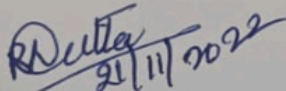
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CERTIFICATE

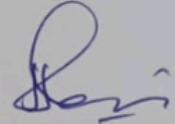
This is to certify that ,Rongpi Konwar bearing Roll No 18520182 had sincerely completed her report on field study on insects and their diversity under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-2 Biology of Insecta)

Teacher in charge

Ms. Pimily Langthasa 

Dr. Rashmi Dutta 
21/11/2022

Dr. Anurag Protim Das 


Dr. Rina Handique (HOD)

Department of Zoology

Department of Zoology
GARGAON COLLEGE
Simaluguri.

INSECTA FIELD STUDY REPORT



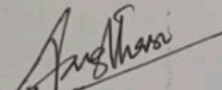
Handwritten signature and date: 24/12/22

NAME: SUMAYA HUSSAIN
SEM: 5TH SEMESTER
DEPT: ZOOLOGY
ROLL NO: 18520190
COLLEGE: GARGAON COLLEGE.
PAPER CODE: DSE2

CERTIFICATE


This is to certify that, Sumaya Hussain, bearing Roll No 297 had sincerely completed his field trip report on visit to a forest/ wild-life sanctuary/ biodiversity park/ zoological park to study behavioral activities of animal under the supervision of Dr. Rina Handique, Associate Professor, Head – Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE- Animal Behavior and Chronobiology)

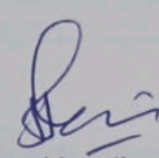
Teacher in charge


Pimily Langthasa


Dr. Rashmi Dutta

Dr. Anurag Gogoi


Pratim Das


Dr. Rina Handique (HOD)

Department of Zoology
GARGAON COLLEGE
Simaluguri.

INSECTA FIELD STUDY REPORT



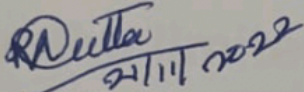
Handwritten signature and date: 24/12/22

NAME: TABASSUM AHMED
SEM: 5TH SEMESTER
DEPT: ZOOLOGY
ROLL NO: 185-20-10A
COLLEGE: GARGAON COLLEGE.
PAPER CODE: DSE2

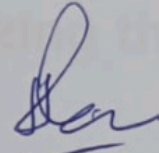
CERTIFICATE

This is to certify that, Tabassum Ahmed, bearing Roll No 18
520194 had sincerely completed his/her field trip report on visit to Visiting to Gargaon
College campus area, paddy field and tea garden to study the insect diversity under the
supervision of Dr. Rina Handique, Associate Professor, Head – Department of
Zoology, Gargaon College. It is further certified that the candidate has complied with all
the formalities as per the requirements of Dibrugarh University. The field report has
been completed under the guidance of teachers which is undertaken as a part of their
partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE- insect)

Teacher in charge


21/11/2022

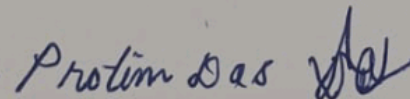
Dr. Rashmi Dutta



Dr. Rina Handique (HOD)


Pimily Langthasa

Dr. Anurag Gogoi


Protim Das

Department of Zoology
GARGAON COLLEGE
Simaluguri.

Field study report

On

Biology of Insecta



Submitted by :-

Name :- Usha Rani Doley

Roll No :- 18520198

Regi No :- S2006486

Paper Code :- DSE -4 Biology of Insecta

Class :- 5th Semester

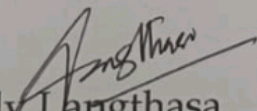
Submitted to :- Zoology Department, Gargaon College

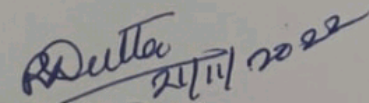
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22/12/22


CERTIFICATE

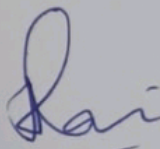
This is to certify that Usha Rani Doley bearing Roll No 18520198 had sincerely completed her report on field study on insects and their diversity under the supervision of Dr. Rina Handique, Associate Professor, Head - Department of Zoology, Gargaon College. It is further certified that the candidate has complied with all the formalities as per the requirements of Dibrugarh University. The field report has been completed under the guidance of teachers which is undertaken as a part of their partial fulfilment of practical syllabus by Dibrugarh University, (Paper: DSE-2 Biology of Insecta)

Teacher in charge


Ms. Pimily Langthasa


Dr. Rashmi Dutta

Dr. Anurag Protim Das 


Dr. Rina Handique (HOD)
Department of Zoology
GARGAON COLLEGE
Simaluguri