

# VIDYASAGAR UNIVERSITY



SWARNAMOYEE JOGENDRA NATH MAHAVIDYALAYA

**SUB :- ZOOLOGY**

**FIELD NOTE BOOK**

**NAME :- SUBHAJIT MAITY**

**B.Sc (H) : SEMESTER-III**

**Roll-1123152**

**No-210017**

**Registration No-VU211040312**

**SESSION: 2021-2023**

T.Das

**EXAMINED**





# SWARNAMOYEE JOGENDRANATH MAHAVIDYALAYA

Govt. Aided General Degree College | Estd.: 2014  
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## DEPARTMENT OF ZOOLOGY

TO WHOM IT MAY CONCERN



This is to certify that ..... Subhajit Maity ..... Roll 1123152  
No 210017 ..... Registration No. VV211040312 of 2021-22 students of B.Sc.  
Semester-III, Zoology (Aquatic Biology, GE-3) of Swarnamoyee Jogendranath  
Mahavidyalaya for the session 2022-2023, submitted his/ her field report entitled as  
a visit to a marine Biome (Digha and its  
surrounding .....

Based on field study conducted on 19.12.2022 & 20.12.2022 for partial fulfilment of the  
syllabus prescribed by Vidyasagar University. The report has been prepared under the  
supervision of Miss. Tanushree Das and may be placed before examiner for evaluation.

Samanta 05/01/23

Dr. Ratan Kumar Samanta  
Principal

Swarnamoyee Jogendranath Mahavidyalaya  
Amdabad :: Purba Medinipur :: Pin-721650

T. Das 05.01.23

Miss. Tanushree Das  
Head of the Department,  
Department of Zoology  
Swarnamoyee Jogendranath Mahavidyalaya  
Amdabad, P.S.- Nandigram, Purba Medinipur, Pin- 721650

TOR DIARY

Aug - 25

1952 - 9-15-1952

morning started from land and to light by  
dinner and at morning. Arrived at headquarters  
sea water and observed the specimens. Then  
went out to hotel. After lunch went to hotel  
at sea light.







Date:- 02

Date - 20.12.2022

visit to Digha Mohona and fish market  
at morning we collected some specimen.  
After breakfast, check out hotel and profo-  
nm then proceed for Amdad by car.

Arrive Amdabad at 3:30 pm and  
excursion end.



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# MANDARMONI

We went to Mandarmoni at 9 AM on 19.12.2022. It is located on the shores of the Bay of Bengal. This beach is 13 km long. Mandarmoni sea beach surrounded by red crabs and jelly fish, shell-fish Squids and tiny sea fishes.

## METHODOLOGY

During sample collection and observation, type of the substrate, abundance, habit and habitats of individual species were noted. Specimens were preserved in 70% Alcohol or in 10% formalin after proper narcotization and attempts were made to identify all the collected specimens up to species level when ever possible.

SL No	Scientific name	Local name	phylum
1.	<u>Aurelia</u> Sp.	Jelly Fish	Cnidaria
2.	<u>Asterias</u> Sp.	Star Fish/sea Star	Echinodermata.







## TALSARI BEACH

We went to Talsari beach at 3:00 p.m. is constitute apart of the alluvium east the Supernarekha delta plain district of odisha and hardly 10-15 km away from Digha. Geographical co-ordination of Talsari is bounded in between  $21^{\circ}35'48''$  Northern Latitude and wide beach. The estuary of the river Subarnarekha is 0.5 km to 1.5 km wide. Several types of marine habitats are found in this small area (2.5 sq. km. only). different types of faunal composition are found here in distinct zonation.

## METHODOLOGY

During sample collections and observation, type of the substrate, abundance habit and habitats of individual species were noted. Specimens were ~~pr~~ preserved in 70% alcohol after proper narcotization and attempts were made to identify the collected specimens up to species level whenever possible.

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## SURVEY REPORT

1. Common jelly fish (Aurelia sp.)
2. ~~Star~~ Star Fish (Asterias sp.)
3. Sea anemone (metridium sp.)

SL NO	scientific name	Local name	phylum
1	<u>Aurelia</u> sp.	Common jellyfish	cnidaria
2	<u>Asterias</u> sp.	sea star / starfish	Echinodermata
3	<u>metridium</u> sp.	Sea anemone	cnidaria

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# DIGHA MOHONA

We went to Digha Mohona at morning time. Mohona means estuary in Bengali. Digha Mohona is located very close to Digha. Along the fish market there are stalls selling dry fish (shutki) and various types of fishes like air vetki, pomfret, Bombay duck, stingray, shark, squid, cattle fish, octopus, ilish, crabs, shrimp.

## METHODOLOGY

During sample collections and observation, type of the substrate, abundance, habit, and habitats of individual species were noted. Specimens were preserved in 70% alcohol and the collected specimens up to species level whenever possible.

## SURVEY REPORT

List of collected specimens in Digha Mohona

1. Sting-Ray (Trigon Sp.)
2. Shark (scoriodon Sp.)
3. Eel (Amilla Sp.)
4. Bombay duck (Hampodon neherens)

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5. Tiger prawn (*Penaeus monodon*)

6. Lobster.

7. Octopus.

8. Sepia.

9. Loligo.

10. Seacrab.

11. Hilsha fish.

12. Pomfret.

13. Lates Calamifer

Sl No	Scientific Name	Local Name	Phylum
1.	<u>Trigon</u> sp.	String ray	chordata
2.	<u>Scoliodon</u> sp.	Dogfish / shark	chordata
3.	<u>Amilla</u> sp.	Eel fish	chordata
4.	<u>Harpodon neherez</u>	Eombay duck	chordata
5.	<u>Penaeus monodon</u>	Tiger prawn	Arthropoda
6.	<u>Sepia</u> sp.	Cuttle fish	Mollusca
7.	<u>Loligo</u> sp.	Squid	Mollusca
8.	<u>Octopus</u> sp.	Devil fish	Mollusca
9.	<u>Lates calamifer</u>	vetki	chordata
10.	<u>Pompus</u> sp.	Silver pomfret	chordata
11.	<u>Tenualosa ilisha</u>	Ilish fish	chordata





## HAPPY RETURNS

The tour was extremely fruitful joyous one, such type of educational tour always boost us to gain plenty of knowledge with practical views. The tour was certainly blessed a full to serve the varied species containing "Digha Mohana" and Mondamoni and Talsari. It was unique experience. We all returned with hearts although, acquiring a diversified knowledge & admixture with holymminute education for marine habitat.

We are all grateful to our respected teachers with out whose kind guidance and half the tour would not have been made possible.

T. Das  
19.01.23

Examined  
Dm

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