

Annexure I

List of students who attended the field trip:

Sl no.	Name
1.	JUBANDARIS WANNIANG
2.	LALSANGZUALI
3.	C. LALRINNGHETI
4.	EUGINIA KHARUMNUID
5.	BADEITILANG SYNGKLI
6.	PUJUM RILO
7.	IBARIBHA RYNJAH
8.	ATHONLU NGAOMEI
9.	PRISCA TIMSHON VASHUM
10.	TEILINDA NONGTDU
11.	ALISHA KSHETRIMAYUM
12.	MAYENGBAM ALBINA CHANU
13.	DAPHUHKYRHAI KHARBUKI
14.	BAWANPYNTNGEN RISA LAWRNIANG
15.	CARALEEN NONGKYNRIH
16.	DABAHUNSHISHA MYLLIEMNGAP
17.	BATRITI LANGTE
18.	RENGKIMNEI LEIVON
19.	SONIA RABHA
20.	ZEPHYRLYNE D. LYNGDOH

REPORT ON FIELD TRIP TO MAWKHAP, UMSNING, RI BHOI DISTRICT
BY DAPHUHKYRHAI KHARBUKI
COURSE: B.SC(ZOOLOGY) 6TH SEMESTER
ROLL NO: S2000084
DEPARTMENT OF ZOOLOGY
LADY KEANE COLLEGE
SHILLONG

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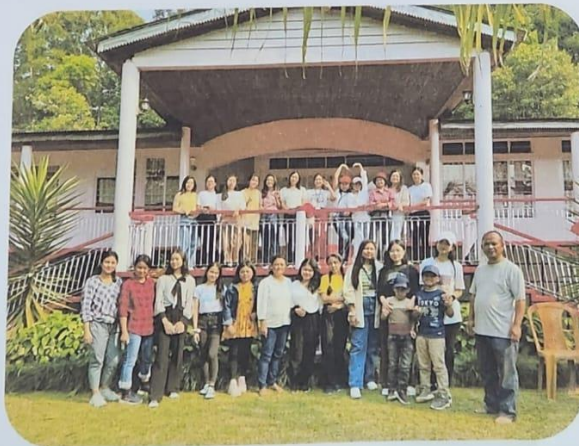
6TH SEMESTER

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SUBMITTED TO

DEPARTMENT OF ZOOLOGY

LADY KEANE COLLEGE, SHILLONG



This report has been prepared as part of my grand project of Bachelor of Science. This report provide the gist of our fish farm visit. Every data taken, every result of the site visit are maintained in this report.

The field trip was conducted on behalf of the Department of Zoology. Our destination was Mawkhap, Unising located in the Ri Bhoi District. On reaching our designated place we were amazed by the beautiful surrounding and the pleasant ambience. We were welcomed with warmth hospitality from sir J.P. who is the owner of this fish farm and the H.O.D. of Education Department. Moreover, he provided us breakfast with gracious benevolence, he also gave us extra knowledge about fish farming.

Under the guidance of our teachers, we were able to do our experiments based on water samples which are all included in the consecutive pages of this report.

Our Fieldtrip Journey:

All of our friends arrived in the College Campus at 7:30 AM in the morning and in no time we started our journey at 8:05 AM. It was not a long journey and we arrived at our destination i.e., Sir J.P farm at 9:56 AM.

On reaching there, we were allowed to explore the beautiful surrounding first and then we had our brunch at 11:30 AM. We started our experiment for collecting different water samples at the time of 12:39 PM and we are done with our experiment at around 2:10 in the afternoon. We left from Sir J.P's place at 2:50 PM and we had our pre dinner at 4:08 PM, along the Bypass Road surrounded with green trees. After having our food we continue our journey and reached the College at 5:20 PM.



FIG. REARING POND 1 (SAMPLE A)



FIG. REARING POND 2 (SAMPLE B)



FIG: BOD BOTTLES CONTAINING WATER SAMPLES
COLLECTED FROM THE PONDS



FIG: BOD BOTTLES AFTER ADDING KI, $MnSO_4$
AND CONC. H_2SO_4

The field trip which we had was a successful one, we were able to do our experiments in a jiffy with the help of our teachers. We were able to gain so much thing including other things apart from the experiment.

After performing the experiments for dissolved oxygen from the water sample that we collected from the ponds, we found out that the amount of dissolved oxygen is more in Sample A & Sample B, as they are from the Rearing ponds which are the natural ponds which has abundance of oxygen as compared to nursery pond, the amount of dissolved O_2 is slightly less, since it is the artificial pond. For alkalinity, we found that Sample C has an ideal alkalinity of about 126 mg/l , Since a desirable range of total alkalinity for fish farming is between 75 mg/l to 200 mg/l .

For the qualitative and quantitative analysis of plankton from the samples we found out that there are abundance of plankton present in these two rearing ponds.