

*“ Sheel, Sharir, Adhyayan ”  
Aundh Shikshan Mandal, Aundh*



*Raja Shripatrao  
Bhagawantrao  
Mahavidyalaya, Aundh.  
(Satara)*

*Experiential Learning  
B.Sc. Part 1  
Subject: Zoology*

*2019-2020*



# **Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh**

## **Study Tour Report**

2019-20

### **Introduction**

The purpose of educational trip was to provide students with practical and theoretical experience of field work. The 1<sup>st</sup> year of class of zoology students visited the Yamai hill for their annual educational tour on Jan/2020. The tour offers study of biodiversity of Aves in Aundh. The students of zoology department able to understand biodiversity and its relation with environment. Adaptations of birds can be well understood in their habitat only.

### **Objectives of the Study Tour**

The objectives of the study tour are as follows:

1. To increase interest of students in zoology.
2. To enhance the knowledge about the Aves.
3. To study adaptation and habits of local birds.

### **Analysis of Study Tour**

As per syllabus of Shivaji university Kolhapur for F.Y.B.Sc. we study the local ecosystem. We visit Yamai hill area for bird watching. Study tour give such opportunity of observing different animals, birds and their habitat that is their natural home. We observed and study the local birds. The

habits like feeding, swimming, flying, group behavior, alertness are seen in this tour.


## Outcomes of Study Tour

Outcomes are as follows:

1. To study birds in their natural habitat.
2. To classify birds.
3. To understand the correlation between manmade activities and bird biodiversity.

## Appendix-1

103 Students participated in study tour:

  
I/C PRINCIPAL  
Raja Shripatrao Bhagwantrao  
Mahavidyalaya, Aundh (Satara)



  
Head of

Zoology Department

## Appendix-1

| Sr.no. | Name of Student           | Sr.no. | Name of Student                  | Sr.no. | Name of Student              |
|--------|---------------------------|--------|----------------------------------|--------|------------------------------|
| 1      | Amale Jyoti Nana          | 44     | Kanwalu Paras Dayanand           | 87     | Sawant Sujit Ramesh          |
| 2      | Bhujbal Sanket Dhanaji    | 45     | Karande Samiksha Rajendra        | 88     | Sawant Vishwajeet Dilip      |
| 3      | Budhe Pravin Tanaji       | 46     | Khan Amir Daulat                 | 89     | Sawashe Priyanka Hemant      |
| 4      | Chavan Kalyani Baban      | 47     | Kumbhar Abhishek Shivaji         | 90     | Shendage Shubhangi Tatyaso   |
| 5      | Chavan Prerana Dattatray  | 48     | Kumbhar Ajay Chandrakant         | 91     | Shinde Omkar Dattatray       |
| 6      | Chavan Vaishali Kailas    | 49     | Kumbhar Rahul Rajendra           | 92     | Shinde Shruti Shrimant       |
| 7      | Chavan Varsha Sambhaji    | 50     | Kumbhar Vrushali Hanmant         | 93     | Suryawanshi Archana Suresh   |
| 8      | Chormale Jay Santosh      | 51     | Madane Aakash Nandkumar          | 94     | Suryawanshi Gayatri Suresh   |
| 9      | Dange Simran Iqbal        | 52     | Madane Abhijeet Harishchandra    | 95     | Suryawanshi Kishori Yashwant |
| 10     | Deshmane Anuja Sunil      | 53     | Madane Girish Namdev             | 96     | Sutar Aniket Shivaji         |
| 11     | Deshmukh Ganesh Sambhaji  | 54     | Madane Latika Balu               | 97     | Thorat Anuradha Mukund       |
| 12     | Deshmukh Sameer Shahaji   | 55     | Madane Sagar Shivaji             | 98     | Yamgar Amol Pandharinath     |
| 13     | Deshmukh Sneha Sharad     | 56     | Madane Sayali Ramdas             | 99     | Yamgar Ashwini Sarjerao      |
| 14     | Dhole Anjali Bhimrao      | 57     | Makar Nikita Nanasahab           | 100    | Yewale Aakash Randhava       |
| 15     | Gadhve Chaitany Dattaji   | 58     | Mulani Rahiman Gulab             | 101    | Yewale Abhijit Popat         |
| 16     | Gaikwad Aakash Vasudev    | 59     | Nagmal Atharv Ramesh             | 102    | Yewale Bhagyashri Vijay      |
| 17     | Galande Vaibhav Dattatray | 60     | Nikam Aakash Machindra           | 103    | Yewale Yogita Sopan          |
| 18     | Ghadge Rohit Rajaram      | 61     | Nimbalkar Aniket Ashok           |        |                              |
| 19     | Gharage Pawan Satyavan    | 62     | Paithankar Dhairyashil Dhananjay |        |                              |

|    |                                |    |                            |  |  |
|----|--------------------------------|----|----------------------------|--|--|
| 20 | Gharge Nikhil Sunil            | 63 | Palkar Dhananjay Dadaso    |  |  |
| 21 | Gharge Sakshi Kisan            | 64 | Palkar Pallavi Sambhaji    |  |  |
| 22 | Gharge Sanchita Shankar        | 65 | Palkar Sonali Pandurang    |  |  |
| 23 | Gore Roshan Hanmant            | 66 | Patil Madhuri Navnath      |  |  |
| 24 | Gosavi Vaibhav Chandrakantpuri | 67 | Patole Aishwarya Lalaso    |  |  |
| 25 | Harale Ashish Rajendra         | 68 | Patole Akash Sayaji        |  |  |
| 26 | Ingale Kedar Ratan             | 69 | Patole Rushikesh Ashok     |  |  |
| 27 | Ingale Rushikesh Suresh        | 70 | Pawar Pratiksha Ramchandra |  |  |
| 28 | Jadhav Arpita Dhairyashil      | 71 | Pawar Reshma Sambhaji      |  |  |
| 29 | Jadhav Dipti Bhimrao           | 72 | Pawar Reshma Shankar       |  |  |
| 30 | Jadhav Dipti Kundalik          | 73 | Pawar Siddhi Sanjay        |  |  |
| 31 | Jadhav Kumar Satish            | 74 | Pawar Yogesh Sunil         |  |  |
| 32 | Jadhav Rohit Vishwas           | 75 | Pawashe Asmita Ramesh      |  |  |
| 33 | Jadhav Roshan Raysing          | 76 | Phadatare Kishor Bapurao   |  |  |
| 34 | Jadhav Shivam Suryakant        | 77 | Randive Samiksha Vikas     |  |  |
| 35 | Jadhav Shubham Navnath         | 78 | Rathod Ram Jayram          |  |  |
| 36 | Jadhav Supriya Mahesh          | 79 | Rathod Savitri Jayram      |  |  |
| 37 | Jadhav Vijay Dilip             | 80 | Sakate Priyanka Mangesh    |  |  |
| 38 | Jagtap Rajashri Dilip          | 81 | Salunkhe Aniket Nanasaheb  |  |  |
| 39 | Jagtap Tushar Subhash          | 82 | Salunkhe Neha Hanmant      |  |  |
| 40 | Kadam Akanksha Sanjay          | 83 | Sargar Somnath Sanjay      |  |  |
| 41 | Kadam Roshan Aanada            | 84 | Sarvgod Sunny Tanaji       |  |  |
| 42 | Kadam Rushi Bharat             | 85 | Sawant Ganesh Jotiram      |  |  |
| 43 | Kadam Sandesh Sanjay           | 86 | Sawant Namrata Haridas     |  |  |

*Shardul*  
**I/C PRINCIPAL.**  
**Raja Shripatrao Bhagwatrao**  
**Mahavidyalaya, Aundh (Satara)**



*Shardul*  
 Raja Shripatrao Bhagwatrao  
 Mahavidyalaya, Aundh  
 Tal. Khambhraj, Dist. Satara

[Type text]

Roll No:-

2019017712

Exam Seat No:-

SHEEL, SHARIR, ADHYAYAN

AUNDH SHIKSHAN MANDAL'S

RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA,  
AUNDH.

Tal. Khatav , Dist. Satara

DEPARTMENT OF ZOOLOGY  
CERTIFICATE

This is to certify that,

Mr./Mrs./Miss. *Madame Latika Balu.*

has satisfactorily completed the necessary course in practical Zoology for the B.Sc. part- I/ II as prescribed by Shivaji University Kolhapur, and this report represent his/her bonafied work in the year 2019-20

Date : *29/1/2020*



Teacher in charge

Examiner



Head of Department

# ★ PURPOSE OF STUDY TOUR.

- 1) To study the Birds in their natural habitat.
- 2) To visit place of biological interest.
- 3) To study aspects of applied zoology.
- 4) To study the interrelationships between animal and environment.
- 5) To create interest, curiosity in students about subject.

## • Objectives of the study Tour.

The objectives of the study tour are as follows :-

Sign: \_\_\_\_\_

1. To increase interest of students in zoology.
2. To enhance the knowledge about the Aves.
3. To study adaptation and habits of local birds.

Sign: \_\_\_\_\_

# ★ INTRODUCTION

As per syllabus of Shivaji university Kolhapur for F.Y.B.Sc. we study the local ecosystem. We visit Yamai hill area for bird watching. Study tour give such opportunity of observing different animals, birds and their habitat that is their natural home. We observed and study the local birds. The habits like feeding, flying, group behavior, alertness are seen in this tour.

On 7 Jan. Our zoology department arrange educational tour for students of B.Sc - I. Prof. Pol. S.H., Prof. Mulla A.A And students are participated in tour. We observed and study different birds on and near Yamai Hill.

Sign: \_\_\_\_\_



# ROUTE OF TOUR.

Aundh



R.S.B. Mahavidyalay Aundh.



Yamai Hill Aundh.



R.S.B. Mahavidyalay Aundh.

List of Birds : Name and photo/sketch

1. Parrot.

2. Pigeon

3. Sparrow

4. Hen

5. Crow

# ॥ दु. शिवाजीरजे ॥

Page No.:

Date :

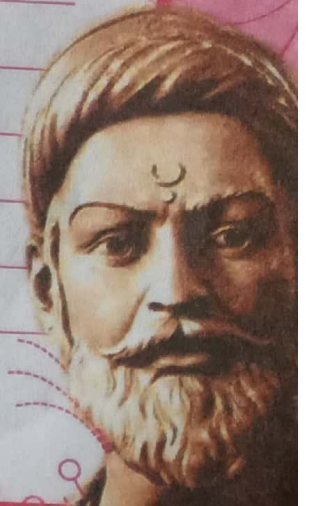


6. Wood pecker

7. Hummingbird

8. Peacock.

9.



# आम्ही सगळी



## 1] Sparrow :-



**Zoological Name :-** Passeridae

**Features :-** ① They have the ability to fly at the speed of 38.5 km/hour & can even reach a speed of 50 km/hour.

② Males have reddish backs & a black bib. while females have brown backs with stripes. Sparrows raise three nests of 3-5 eggs.



## 2] Bulbul :-



### Zoological Names:-

Pycnonotidae

### Features :-

① The bulbul are a family, Pycnonotidae of medium-sized passerine songbirds, & includes the green but, brownbul, leaflove & bristlebill.

② A dark, sleek, medium-sized bird with a black crest & a white rump. The red colour under the tail is often difficult to see.

## 3] Kingfisher :-



Zoological Name :- Alcedinidae.

Features :- ① All kingfishers have large heads, long sharp, pointed bills short legs, and stubby tails.

② Most species have bright plumage with only small differences between the sexes.



## 4] Duck :-

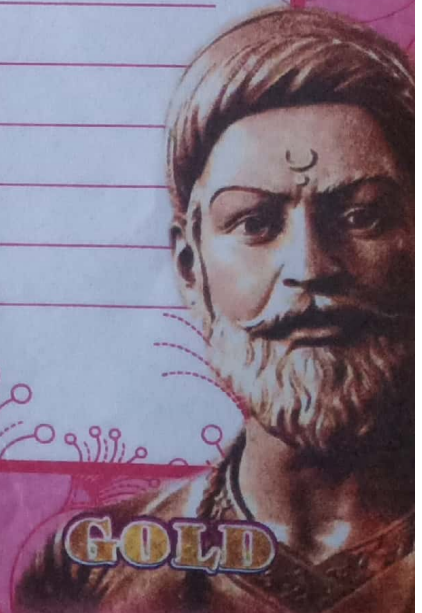


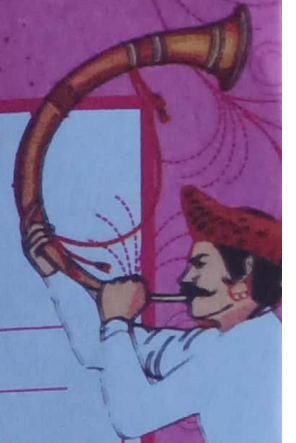
DUCK बलख बदक ५१६

Zoological Name:- Anatidae

Features :- ① Their webbed feet act like paddles & they waddle instead of walk because of their feet.

② Ducks are smaller than their relatives.





## 5] Pigeons :-



Zoological Name:- Columbidae

Features :- ① The skin of pigeon is dry, loose, hard & thin. Histologically it consist of an outer epidermis of ectodermal origin and an inner dermis of mesodermal origin.

② The stratum corneum is horny & protective & made of flat cornified cells.



## 6] Robin :-



ROBIN रॉबिन

दयाळ रोबिन

zoological Name: *Turdus migratorius*.

### Features :-

① The best way to see a robin in your garden is to dig. within minutes one may perch on a fence or branch nearly waiting to inspect the newly turned soil for earthworms.

② In winter, the robin puffs up its plumage to insulate its body against cold winds.





7

## Crow :-



CROW कौआ

कावळा कागळे

Zoological Name :- Corvus.

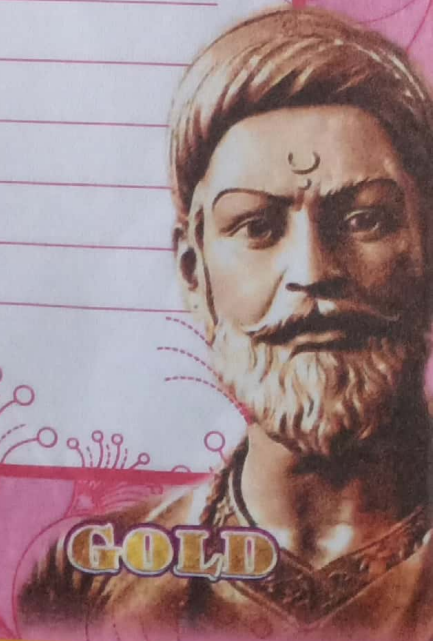
Features :-  
① Crows are large to very large, robustly built birds, with tails that are short or medium length.

② The tail & primary feathers are stiff.

③ The bill varies in shape from species to species, but is relatively long, although it can be stout or slender.



# आम्ही मराठी





# 9] Peacock :-

PEACOCK मोर



मोर मोर

**Zoological Name :-**

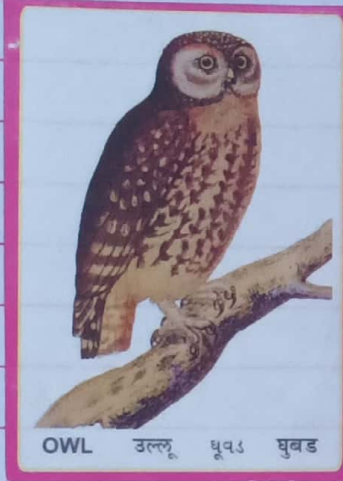
*Pavo Cristatus*

**Features :-**

① with the three different species world wide, the Peacock, also known as the peafowl lives, naturally in Africa, Australia & parts of Asia

② The medium sized exotic bird is one of the most recognizable animals on the planet for its distinctive physical features.

12] OWL :-



**Zoological Name :-** Strigiformes

**Features :-** ① Owls have adapted to nearly every ecosystem on the planet.

② The size range of owls is about the same as that of their day-active counterparts.

## 13] Kite :-



**Zoological Name:-** *Milvus migrans*

**Features:-** ① Kite any of numerous birds of prey belonging to one of three subfamilies (Milvinae, Elaninae, Perninae) of the family Accipitridae,

② Typically, a kite is tightly built with a small head, partly bare face, short beak, & long narrow wings & tail.