



Late Reverend Father Shri. Maskuji Biruji Burungale Education Society's

**SHRI DNYANESHWAR MASKUJI BURUNGALE
SCIENCE AND ARTS COLLEGE, SHEGAON-444203, Dist. Buldana**

(Affiliated to Sant Gadge Baba Amravati University, Amravati)

(Accredited by NAAC with B⁺ Grade with CGPA 2.65)



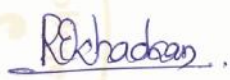
2nd Cycle Assessment & Accreditation by NAAC

Criterion 1 – Curricular Aspects

1.3 Curriculum Enrichment

Q_nM 1.3.2

Percentage of students undertaking project work/field work/internships
(Data for the latest completed academic year)

	Late Reverend Father Shri. Maskuji Biruji Burungale Education Society, Shegaon (R.No. F-422) SHRI. DNYANESHWAR MASKUJI BURUNGALE SCIENCE & ARTS COLLEGE AKOT ROAD, SHEGAON - 444 203 DIST - BULDANA (M.S.) Ph. No. 07265 - 253959, Fax - 07265 - 254939 (Affiliated to Sant Gadge Baba Amravati University, College Code No.: 333) Website - www.sdmbssc.org E-mail: sdmbsshegaon@gmail.com, sdmbssc333@sgbau.ac.in	
	Shri. Ramvijay Dnyaneshwar Burungale President	Dr. R. E. Khadsan Principal Cell - 9767317055, E-mail - dr.khadsan@gmail.com
No. : SDMBSC/NAAC/SSR/3458		
Date : 03/05/2023		
<u>Self Declaration</u> This is to declare that, the information, reports, true copies of the supporting documents, numerical data, and web links etc. furnished in this file are verified by IQAC and the head of the institution and found correct.		
 Dr. A. B. Wadekar NAAC/IQAC Co-ordinator Shri D.M. Burungale Science & Arts College SHEGAON 444203 Dist. Buldana TRACK ID-MHCOGN274851	 Dr. R. E. Khadsan Principal Shri Dnyaneshwar Maskuji Burungale Science & Arts College, Shegaon Dist. Buldana, Pin - 444203	
		

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Contents

Sr. No.	Year	Name of Course	Project Work/ Field Work/ Internship	Page No.
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Field Work

A
**Field Work Report on Biodiversity in
Amba-barwa Wildlife Sanctuary**



Department of Environmental Science

**Shri. Dnyaneshwar Maskuji Burungale
Science and Art's College Shegaon,
Dist.-Buldana (M.S.)**

HoD

Dr. D. L. Bhade
Shri. D. M. Burungale Science
and Art's College shegaon

Co-Ordinator

Mr. R. B. Barabde
Shri. D. M. Burungale Science
and Art's College shegaon



Late Reverend Father Shri.MaskujiBirujiBurungaleShikshanSanstha, Shegaon R.No.F-422.

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DEPARTMENT OF ENVIRONMENTAL SCIENCE

Out. No. SDBMSC/EVS/2021-22/

Date: - 01.10.2021

To,

The Principal

Shri. D.M. Burungale Science

and Arts College Shegaon

Subject:-To permit us for organizing Field visit at Amba-Barwa Wildlife Sanctuary (03/10/2021)

Respected sir,

With respect to above subject Department of Environmental Science of our college decided to organize
Field visit at Amba-Barwa Wildlife Sanctuary (03/10/2021) Time 9.00 AM.

So please give permission to organize this program.

Thanking you!

Date:- 01 / 10 / 2021

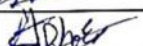
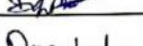
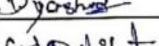
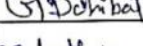
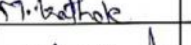
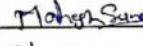
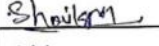
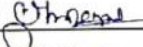
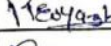
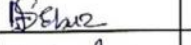
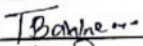
Mr. R.B. Barande

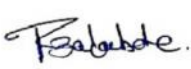
(Coordinator)

Dr. D.L. Bhade

(HoD)
Dr. D.L. Bhade

Assistant Professor & HOD
Department of Environmental
Shri D M Burungale Sci & Arts College, Shegaon

SHRI. D. M. BURUNGALE SCIENCE AND ART COLLEGE SHEGAON				
DEPARTMENT OF ENVIRONMENTAL SCIENCE				
Amba-barwa Wildlife Sanctuary Field Visit - 2021 - 22				
Student List			DATE - 03 / 10 / 2021	
Sr. No	Students Name	Signature	Remark	
1	Abhishek Dinesh Gupta			
2	Ankit Mahadeo Dhoran			
3	Dhiraj Santosh Maskar			
4	Dnyaneshwar Murlidhar Nile			
5	Ganesh Bhanudas Dahibhat			
6	Mahesh Gajanan Katole			
7	Mahesh Maroti Sangle			
8	Mudassir shaikh			
9	Om Ravindra Deshmukh			
10	Priyanshu Gupta			
11	Shaikh Arbaz			
12	Suhas Eknath Borokar			
13	Sujwal manoj bangar			
14	Tejas Bawane			
15	Vaibhav Baban Paturde			


R.B. Barabde.


Dr. D.L. Bhade
Assistant Professor & HOD
Department of Environmental
Shri D M Burungale Sci & Arts College, Shegaon

A

**Field Report On Biodiversity In Amba-barwa
Wildlife Sanctuary**



Department of Environmental Science
**Shri. Dnyaneshwar Maskuji Burungale Science and
Art's College Shegaon, Dist.-Buldana (M.S.)**

Submitted By
Mr. Sujwal Manoj Bangar
B.Sc – II

HoD
Dr. D. L. Bhade
Shri. D. M. Burungale Science
and Art's College shegaon

Co-Ordinator
Mr. R. B. Barabde
Shri. D. M. Burungale Science
and Art's College shegaon

1

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Acknowledgement

Department of Environmental Science give me opportunity to performing such activity. This activity helps me to improve my subject views. I have deepest sense of gratitude towards my guide **Prof. R. B. Barabde** for his valuable guidance and keen interest constructive criticism and constant inspiration throughout the Field work.

I feel equally indebted towards respected Principal **Dr. R.E. Khadsan** Shri. Dnyaneshwar Maskuji Burungale Science and Art's College Shegaon for his significant support and co-operation to success of this Field work.

I deem it a great pleasure and privilege to offer my sincere and cordial thanks to respected Head of Department **Dr. D.L. Bhade** for his constructive help during Field work.

I also express my sincere thanks to **Prof. P. L. Gawande, Prof. Y. M. Kuchar**, for their supporting helps.

I also express my gratitude to all teaching and non-teaching staff and library staff for their cooperation.

I also thank to my colleagues and friends for their supportive help to completion of this Field work.

My words fail to express my feelings in respect of my below parent who are providing constant encouragement and blessings.

Place:- Shegaon

Date:- 09 / 10 / 2021



Signature of student

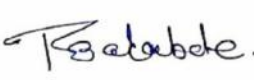
Shri Dnyaneshwar Maskuji Burungale Science and Art's
College Shegaon, Dist. Buldana-444203

 **DEPARTMENT OF
ENVIRONMENTAL SCIENCE** 

CERTIFICATE

This is to certify that Ms/Mr. **Sujwal Manoj Bangar** of B.Sc.- Ist / IInd / IIIrd
Semester – I / II / III / IV / V / VI has satisfactory complete the fieldwork on
“**Biodiversity of Amba-Barwa Wildlife Sanctuary**” in the subject
Environmental Science during session 2021 - 2022

Date of Submission :- 09 / 10 / 2021


Subject Teacher
Mr. R. B. Barabde


Head of Department
Dr. D. L. Bhade

3

Field Report

The Amba Barwa Wildlife Sanctuary is situated in Satpura hills of the Buldhana District of Maharashtra. It is a part of the Melghat Tiger Reserve. The sanctuary area includes a Reserved forest of 102.10 sqkm, Protected forest 22.62 Sq. km. and remaining land is private cultivation and *Abadi* lands from ex-forest villages of *Ambabarwa*, *Chunkhadi* and *Rohinkhed* of Sangrampur Taluka of Buldhana District.

The Sanctuary is under the Chief Conservator of forest and Field Director, Melghat Tiger Reserve with headquarters at Amravati.

The sanctuary is 65 km from the Shegaon. The tourist zone of the sanctuary is 21.26 Sq. km comprising eight forest compartments. The other tourist attraction are *Mangri Mahadev Mandir*, *Jalkakund*, *Pipladohkhora*, and *Chimankhora*.

Plants of Amba Barwa:-

1) Teak Plant :-

Scientific name: *Tectona grandis*

Higher classification: *Tectona*

Rank: Species

Family: Lamiaceae

Kingdom: Plantae

Order: Lamiales

Teak is a tropical hardwood tree species in the family Lamiaceae. It is a large, deciduous tree that occurs in mixed hardwood forests. *Tectona grandis* has small, fragrant white flowers arranged in dense clusters at the end of the branches. These flowers contain both types of reproductive organs.

2) Arjuna Plant :-

Scientific name: *Terminalia arjuna*

Family: Combretaceae

Higher classification: Tropical almond

Rank: Species

Kingdom: Plantae

Order: Myrtales

Terminalia arjuna is a tree of the genus *Terminalia*. It is commonly known as arjuna or arjun tree in English.

3) Dhawda Plant :-

Scientific name: *Anogeissus latifolia*

Higher classification: *Anogeissus*

Rank: Species

Family: Combretaceae

Order: Myrtales

Anogeissus latifolia is a species of small to medium-sized tree native to the India, Nepal, Myanmar, and Sri Lanka. Its common names are axlewood, bakli, baajhi, dhau, dhawa, dhawra, or dhaora, takhian-nu, and raam. It is one of the most useful trees in India.

4) Salai Plant :-

Scientific name: *Boswellia serrata*

Higher classification: *Boswellia*

Rank: Species

Family: Burseraceae

Kingdom: Plantae

Boswellia serrata is a plant that produces Indian frankincense. The plant is native to much of India and the Punjab region that extends into Pakistan.

5) Mango Plant :-

Scientific name: *Mangifera indica*

Family: Anacardiaceae

Higher classification: *Mangifera*

Rank: Species

Kingdom: Plantae

Order: Sapindales

Mangifera indica, commonly known as mango, is a species of flowering plant in the family Anacardiaceae. It is a large fruit tree, capable of growing to a height of 30

metres. There are two distinct genetic populations in modern mangoes – the "Indian type" and the "Southeast Asian type".

Animals In Amba – barwa:-

1) Deer :-

Scientific name: Cervidae

Speed: Reindeer: 60 – 80 km/h

Gestation period: Reindeer: 222 days

Height: Reindeer: 85 – 150 cm

Higher classification: Pecora

Family: Cervidae; Goldfuss, 1820

Deer or true deer are hoofed ruminant mammals forming the family Cervidae. The two main groups of deer are the Cervinae, including the muntjac, the elk, the red deer, and the fallow deer; and the Capreolinae, including the reindeer, white-tailed deer, the roe deer, and the moose.

2) Bear :-

Scientific name: Ursus

Speed: Brown bear: 56 km/h

Height: Brown bear: 70 – 150 cm

Gestation period: Brown bear: 180 – 270 days,

Higher classification: Bears

Family: Ursidae

Ursus is a genus in the family Ursidae that includes the widely distributed brown bear, the polar bear, the American black bear, and the Asian black bear. The name is derived from the Latin ursus, meaning bear.

3) Wolf :-

Eats: Deer, Hares, Moose, Arctic fox, Elk, Bison, Beaver, Rodents, Ungulate

Height: 80 – 85 cm (Adult, At Shoulder)

Scientific name: Canis lupus

Mass: 30 – 80 kg (Male, Adult), 23 – 55 kg (Female, Adult)

Length: 1 – 1.6 m (Adult)

Conservation status: Least Concern

The wolf, also known as the gray wolf or grey wolf, is a large canine native to Eurasia and North America. More than thirty subspecies of *Canis lupus* have been recognized, and gray wolves, as popularly understood, comprise wild subspecies. The wolf is the largest extant member of the family Canidae.

4) Leopard :-

Speed: 58 km/h (Maximum, Running)

Mass: 31 kg (Male, South Africa's coastal mountains population), 23 – 27 kg (Female, Somalia population)

Trophic level: Carnivorous

Scientific name: *Panthera pardus*

Length: 90 – 160 cm (Adult, Head and body)

Height: 60 – 70 cm (Male, Adult, At Shoulder), 57 – 64 cm (Female, Adult, At Shoulder)

Lifespan: 12 – 17 years

The leopard is one of the five extant species in the genus *Panthera*, a member of the cat family, Felidae. It occurs in a wide range in sub-Saharan Africa, in some parts of Western and Central Asia, Southern Russia, and on the Indian subcontinent to Southeast and East Asia

5) Tiger:-

Conservation status: Endangered (Population decreasing)

Length: 2.5 – 3.9 m (Male, Adult), 2 – 2.8 m (Female, Adult)

Scientific name: *Panthera tigris*

Height: 80 – 110 cm (At Shoulder)

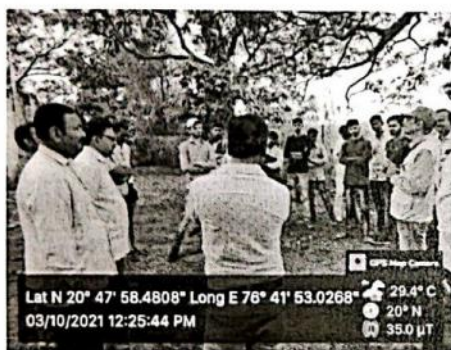
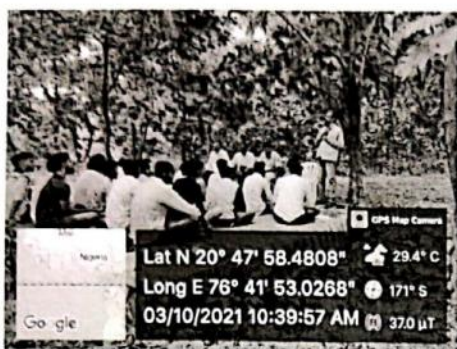
Mass: 90 – 310 kg (Male, Adult), 65 – 170 kg (Female, Adult)

Speed: 49 – 65 km/h (In Short Bursts)

Size of territory: 60 – 100 km² (Male, Adult), 20 km² (Female, Adult)

The tiger is the largest living cat species and a member of the genus *Panthera*. It is most recognisable for its dark vertical stripes on orange fur with a white underside. An apex predator, it primarily preys on ungulates, such as deer and wild boar.

Photo Gallery





Wadekar

Dr. A. B. Wadekar
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TRACK ID-MHCOGN27485



Khadsan

Dr. R. E. Khadsan
Principal
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