



Flora and Fauna

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Flora and Fauna

of

Annasaheb Awate College, Manchar.

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Edited by : Prin. Dr. K. G. Kanade

(M.Sc, M.Phil, Ph.D, PDF, FMASc, FICS)

ISBN 978-93-5717-873-0

Published & Distributed By

Principal,
Annasaheb Awate College Manchar,
Tal- Ambegaon, Dist- Pune 410503

Interior layout

Sanay Prakashan, Narayangaon,
Tal. Junner, Dist. Pune 410504,
Mo. 9860429134/8652121912

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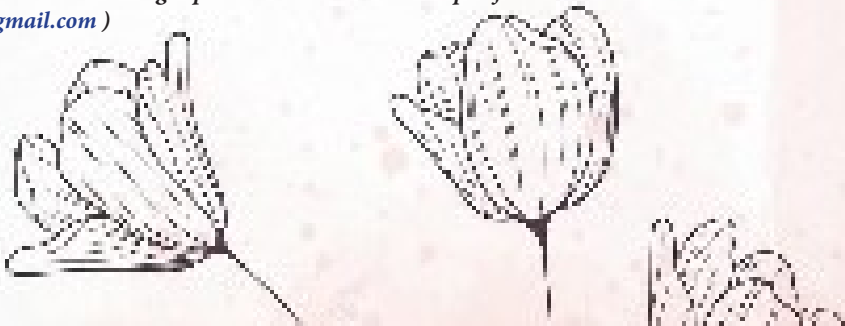
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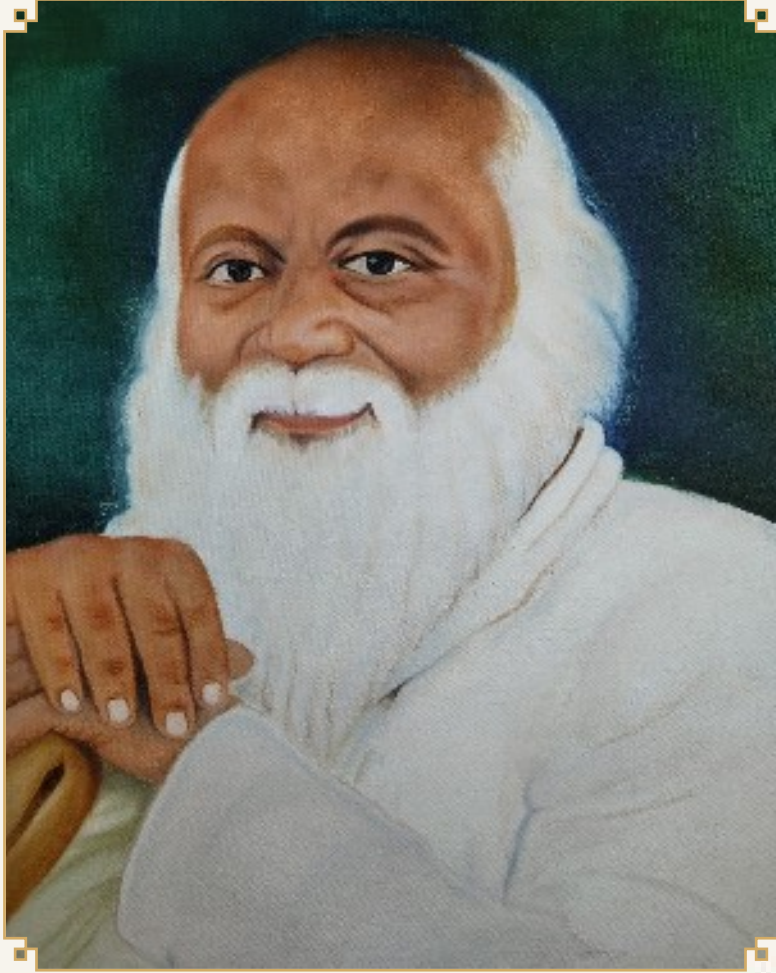
First Edition : 2022

Cover Design : Sanay Prakashan

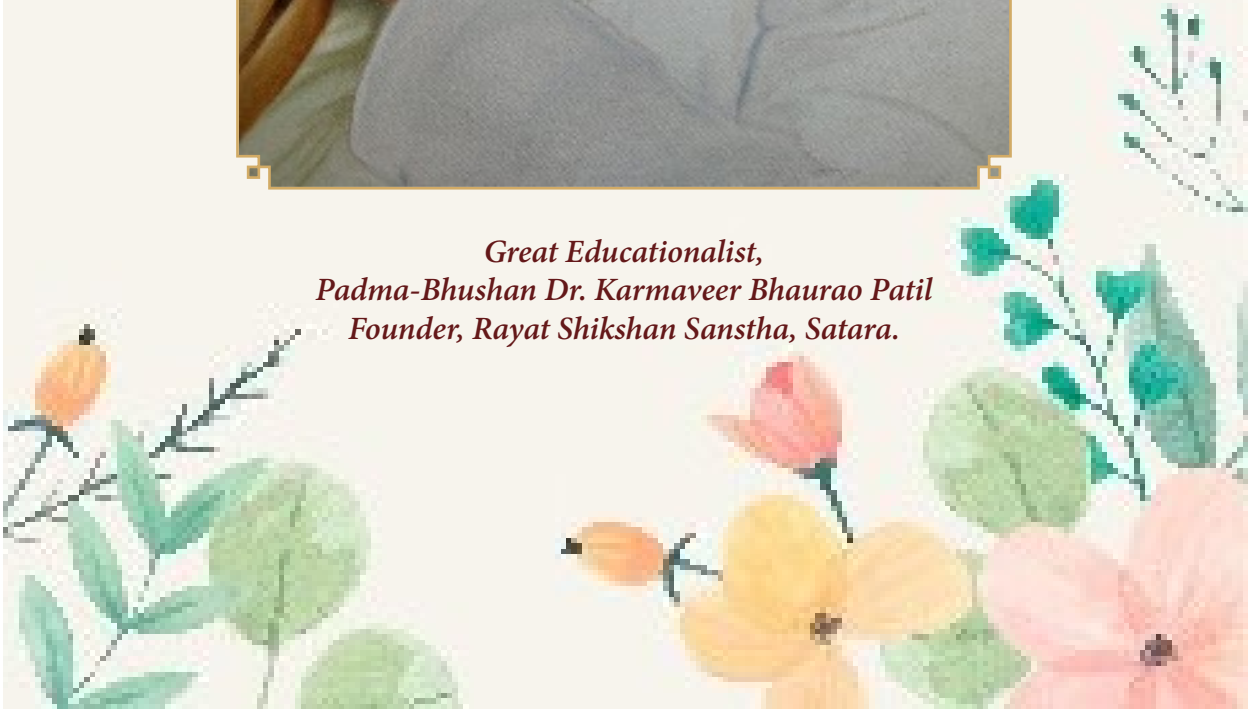
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Padma-Bhushan Dr. Karmaveer Bhaurao Patil
Founder, Rayat Shikshan Sanstha, Satara.*



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Hutatma Babu Genu Said*



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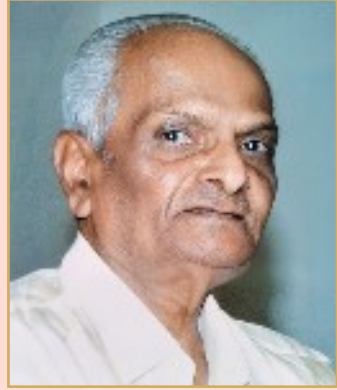


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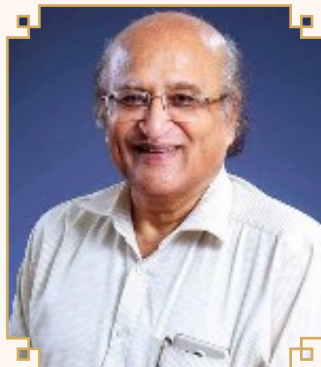
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*MLA Since 1990, Ambegaon Legislative Assembly, Ex. President of Legislative Assembly, Ex.
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Our Inspiration, Administrative & Scientific Supporter



Prin. Dr. K. G. Kanade (M.Sc, M.Phil, Ph.D, PDF, FMASc, FICS)
Google Scholar- Citations : 1119, h-Index : 14, i10 index : 20, Publications : 101

Fellow of Maharashtra Academy of Science (FMASc), Life-Fellow of Indian Chemical Society (FICS), Post Doc Fellow(PDF) @ KRICT, South Korea, Professor in Chemistry, Administrative Experience as a Principal/ Director (10 years) at Various colleges of Rayat Shikshan Sanstha. Presently working as a Managing Council Member of Rayat Shikshan Sanstha, Satara.

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Foreword

One of the leading educational institutions of Rayat Shikshan Sanstha, Annasaheb Awate Arts, Commerce, and Hutatma Babu Genu Science College, Manchar started on June 20, 1966 in the memory of a veteran educationist and social activist Annasaheb Awate of this region who had devoted all his life in the development of Ambegaon tehsil in Pune district with the hurricane efforts of hundreds and thousands of activists. This beautiful college is situated in the northern part of the Pune District, in the foothills of the Western Ghats, between 19.0143° Latitude and 93.9525° Longitude. The college is affiliated with Savitribai Phule Pune University, Pune and Leader College in various fields. The college offers UG, PG, B. Voc courses and Research centres in various subjects. The highly motivated and qualified faculties of college work to maintain academic excellence and quality, while encouraging students to take part in co-curricular and extracurricular activities. The campus area of the college is spread over the land of 105 acres out of which 55 acres are available for the infrastructure of the college and the remaining 50 acres are available for social forestry. The college undertakes a tree plantation program on campus on various occasions and events every year. In the year 1989, the Government of Maharashtra awarded the college with the prestigious award 'Vanashree'. The college was also given the SPPU Pune's 2017 Best College Award. The college has earned an "A" grade from NAAC. Due to continual efforts of the tree plantation program on 50 acres of available land on the college campus have enriched the biodiversity of flora and fauna in Bhimashankar valley.

I am delighted and honoured to share this book entitled "Flora and Fauna of Annasaheb Awate College, Manchar" authored and compiled the experts like Prof. A. K. Bhor, Prof. S. T. Pokale, Dr. S. T. Shinde, and Prof. V. S. Kumawat from the institute, which has addressed the biodiversity of our college campus. The authors have spent considerable time in the field identifying plants and animal species by collecting and building data. The same has been collectively presented in this book. Information about 188 species of plants and 96 animal species with their photographs from the college campus area is neatly analyzed and put forth in the book. I hope the book will be very useful and relevant for students, teachers, foresters, and budding researchers in this area.

- Prin. Dr. K. G. Kanade



Preface

Biodiversity is a measure of the health of biological systems. Life on earth today consists of many millions of distinct biological species. Biodiversity is not consistent across the earth. It is consistently rich in the tropics and it is less rich in Polar Regions where conditions support much less biomass. India is a mega-biodiversity hot spot in the world with tremendous diversity in plants and animals. Biodiversity is defined as genetic, species and ecosystem diversity which offers variability and therefore added value to bio-resources. The most serious and rapidly accelerating of all the global environmental problems is the loss of biodiversity through deforestation and green cover depletion. Over the past 300 years, many species of organisms, including plants, butterflies, birds and mammals have been lost due to many anthropogenic activities. In addition to this, habitats are vanishing very rapidly due to human interference in an environmental cycle. More than 11,000 species of animals and plants are known to be threatened with extinction. The need for biodiversity conservation is clear. We must take action to protect the world's plants and animals. In this regard, the college has initiated a 'Biodiversity Audit' of the institution's campus. In the present survey, the focus has been given to the present status of the diversity of the plants, birds, and animals from the college campus and efforts made for nature conservation. The data relating to the protection and conservation of nature, plantation and awareness activities conducted by the institution.

The term "Flora" refers to the plant life found in a given area and "Fauna" refers to all the animals in an area. There are 188 species of plants and 96 animal species in the Annasaheb Awate College campus including 180 Angiosperms, 7 Gymnosperms, 1 Pteridophyte, 45 Birds, 12 Mammals, 22 reptiles, and 15 Butterflies.

This information is published as a reference book. It will be helpful to students, teachers and researchers in this area. We are Thankful to Mr. Pratik Chile for sharing some of their photographs. We would like to express our gratitude to the parent organization, all members and Chairman Hon. Diliprao Walse Patil of the College developmental committee for providing facilities for this work.

- Authors



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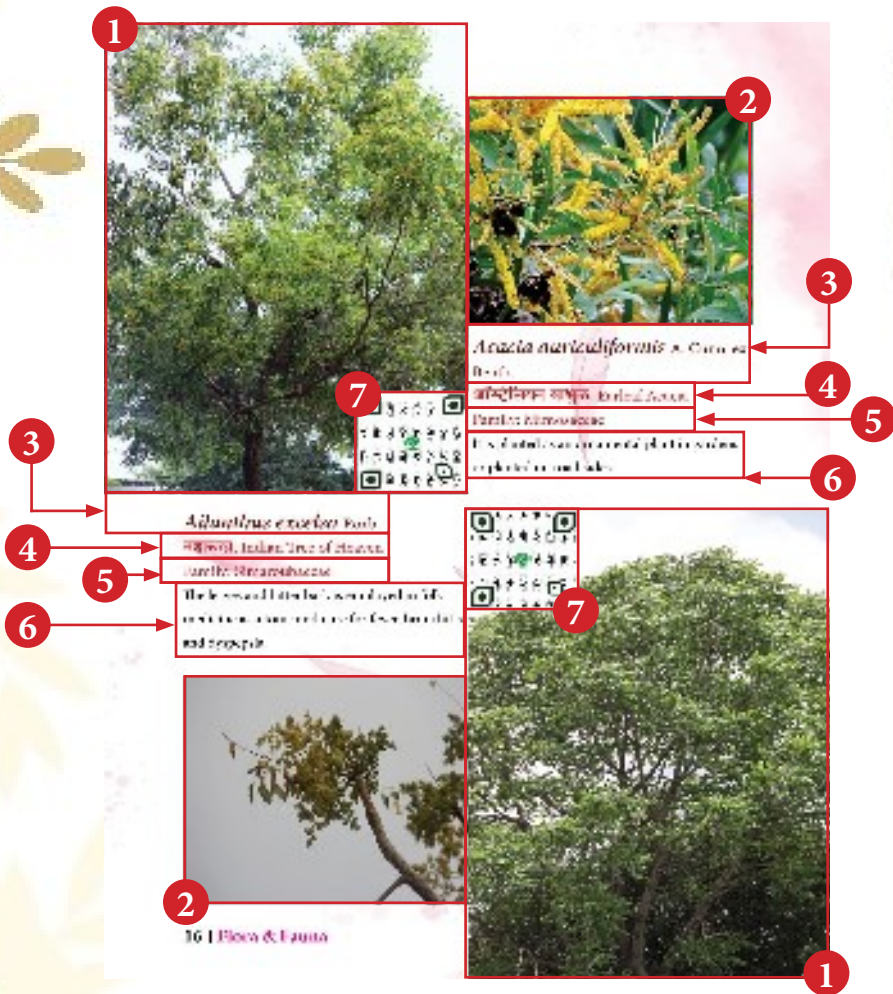
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Study Area



How to Read the Book

- 1 Plant Photograph
- 2 Flower Photograph
- 3 Accepted Botanical Name
- 4 Local Name
- 5 Family
- 6 Plant Use
- 7 Scan Qr Code for More Information



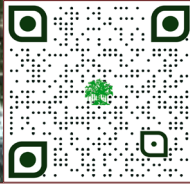


Acacia auriculiformis A. Cunn. ex Benth.

ऑस्ट्रेलियन बाभुळ, Earleaf Acacia

Family : Mimosaceae

It is planted as an ornamental plant in gardens or planted on road sides.

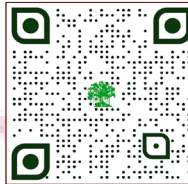


Ailanthus excelsa Roxb.

महारुख, Indian Tree of Heaven

Family : Simaroubaceae

The leaves and bitter bark is employed in folk medicine as a tonic and cure for fever, bronchitis and dyspepsia.



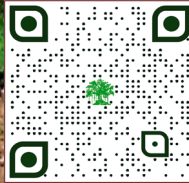
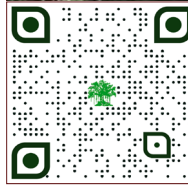


Albizia lebbeck (L.) Benth.

शिरीष, Indian Siris

Family : Mimosaceae

The bark and seeds are used as astringent.



Aloe vera (L.) Burm.f.

कोरफड, Burn Plant

Family : Asphodelaceae

Aloes are used as a stomachic and purgative.



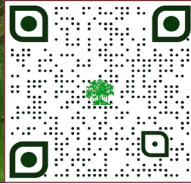


Annona reticulata L.

रामफळ, Netted Custard apple

Family : Annonaceae

It is cultivated everywhere for its fruits.



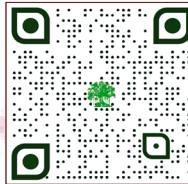
Aphanamixis polystachya (Wall.)

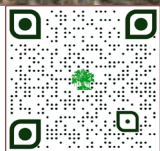
R.Parker

रोहितक, Pithraj Tree

Family : Meliaceae

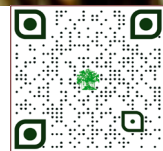
In India and in other Asian countries it is used as traditional medicinal plant.





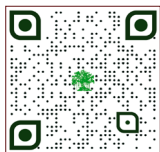
Bungarus caeruleus Schneider.

मन्थार, Common krait
Family : Elapidae



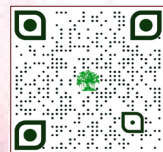
Calotes versicolor Daudin.

सरडा, Oriental Garden Lizard
Family : Agamidae



Chamaeleo zeylanicus Laurenti.

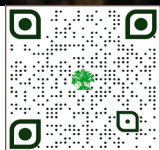
रंग बदलणारा सरडा, Indian Chameleon
Family : Chamaeleonidae



Coelognathus helena Daudin.

तस्कर, Trinket snake
Family : Colubridae

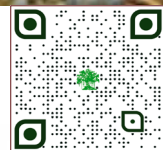




Craspedocephalus gramineus Shaw.

हिरवा घोणस, चापडा, Bamboo pit viper

Family : Viperidae



Daboia russelii Shaw & Nodder

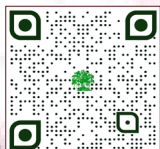
घोणस, Highly Venomous

Family : Viperidae

Eryx conicus Schneider

दुरक्या घोणस, Russells Earth Boa

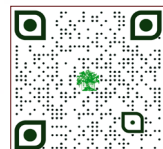
Family : Boidae

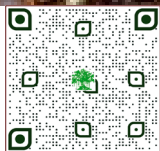


Eryx whitakeri Das.

Whitakers boa

Family : Boidae

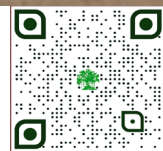




Hottentotta tamulus Fabricius

विंचू, Indian Red Scorpion

Family : Buthidae



Lycodon aulicus Linnaeus.

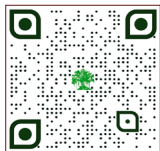
कवड्या, Common Wolf Snake

Family : Colubridae

Naja naja Linnaeus.

नाग, Indian Cobra

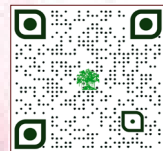
Family : Elapidae

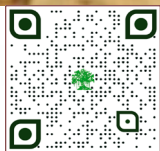


Oligodon arnensis Shaw.

कुकरी, Banded kukri snake

Family : Colubridae

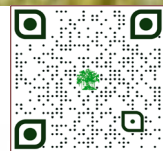




Platyceps plinii

V. Deepak and Surya Narayanan.

नायकुळ, Banded racer
Family : Colubridae

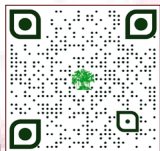


Ptyas mucosa Linnaeus.

धामण, Indian rat snake
Family : Colubridae

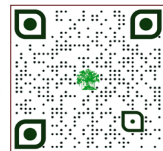
Python molurus Linnaeus.

भारतीय अजगर, Indian python
Family : Pythonidae



Rhabdophis plumbicolor Cantor.

गवत्या, Green keelback
Family : Colubridae





Sphenomorphus indicus Gray

सापसुरळी, Indian Forest Skink
Family : Scincidae

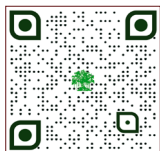


Xenochrophis piscator Schneider.

द्विवड, Checkered keelback
Family : Colubridae

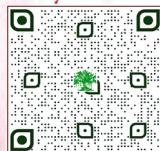
Canis lupus pallipes Sykes.

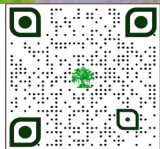
लांडगा, Indian wolf
Family : Canidae



Felis chaus Schreber

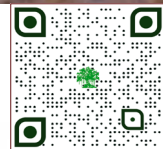
रानमांजर, Jungle Cat
Family : Felidae





Funambulus palmarum Linnaeus.

खार, Indian palm squirrel
Family : Sciuridae

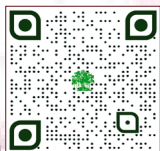


Hyaena hyaena Linnaeus.

तरस, Striped hyena
Family : Hyaenidae

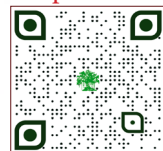
Lepus nigricollis F. Cuvier.

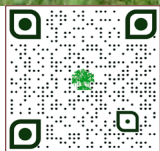
ससा, Indian hare
Family : Leporidae



Macaca mulatta Zimmermann.

माकड, Rhesus Macaque
Family : Cercopithecidae





Oryctolagus cuniculus domesticus

Linnaeus. **ससा**, Domestic rabbit
Family : Leporidae

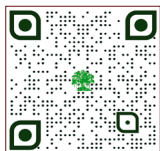


Panthera pardus spp. fusca Meyer.

बिबटया, Indian leopard
Family : Felidae

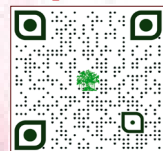
Ratufa indica Erxleben.

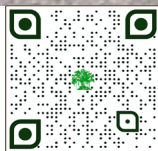
शेकरू, Indian Giant Squirrel
Family : Sciuridae



Semnopithecus entellus Dufresne.

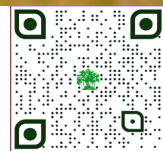
वानर, Gray langur, Hanuman langur
Family : Cercopithecidae





Urva edwardsii E. Geoffroy Saint Hilaire

मुंगूस, Indian grey mongoose
Family : Herpestidae

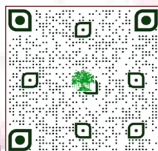


Vulpes bengalensis Shaw.

कोल्हा, Indian fox
Family : Canidae

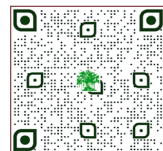
Eryx johnii Russell.

मांडूळ, Red Sand Boa
Family : Erycidae



Varanus bengalensis Daudin.

घोरपड, Common Indian Monitor
Family : Varanidae Bibliography



Bibliography

- *Encyclopedia of Medicinal Flora* - Dr. A. K. Zingare 2012.
- *Flora of Baramati* - R. B. Bhagat, V. B. Shimpale, R. B. Deshmukh 2008.
- *Flora of British India* - Sir J. D. Hooker, C. B., K. C. SI. 1897.
- *Flora of Chikmagalur District, Karnataka, India* – S. N. Yoganarasimhan, K. Subramanyam, B. A. Razi 1981.
- *Flora and Fauna of National Chemical Laboratory Pune, India* – M. V. Deshpande, V. Ghormade 2010.
- *Indian Medicinal Plants, Vol. 1-5, (Arya Vaidya Sala, Kottakkal, Orient Longman Ltd., Chennai) Nature TIFR, a guide book (TIFR Publication, Mumbai) 1997.*
- *The Book of Indian Birds* - Salim Ali (Bombay Natural History Society, Mumbai) 1996.
- <https://www.efloraofgandhinagar.in>
- <https://powo.science.kew.org>
- <http://www.indiansnakes.org>
- <https://wildflownursery.co.za/indigenous-plant-database>
- <https://www.iucnredlist.org>
- <http://apps.worldagroforestry.org>
- <https://efloraindia.bsi.gov.in/eFlora/homePage.action>
- <https://efloraofindia.com>