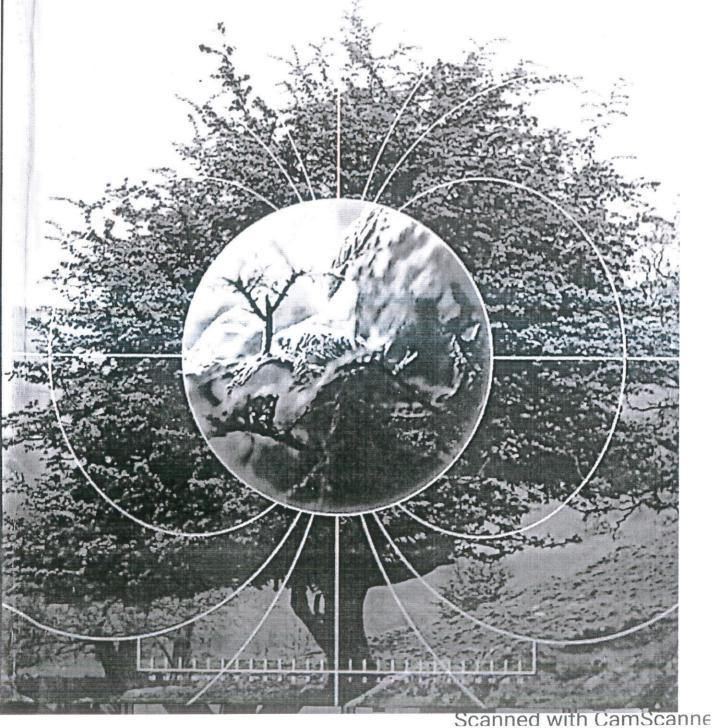
ECOLOGY Naldurg AND ENVIRONMENT

Vishwas Balasaheb Sakhare C.M. Bharambe • H.K. Jadhav



ECOLOGY AND ENVIRONMENT

The continuous degradation of our invironment is linked to problems of pollution, loss of biodiversity, solid waste disposal, lesses related to economic productivity, and national as well as ecological security. The increasing levels of global warming, the depletion of the ozone layer and a serious loss of biodiversity have also made everyone aware of the growing environmental concerns. It is feared that a large proportion of life on earth may get wiped out in the near future.

This book is the compilation of thirty research and review articles contributed by senior faculty members of Indian universities and scientific institutions. With its application oriented and interdisciplinary approach, we hope that the students, teachers, researchers, scientists, policy makers and environmental lawyers will find this volume much more useful.

THE AUTHORS

Dr. Vishwas Balasaheb Sakhare is Head, Post Graduate Department of Zoology, Yogeshwari Mahavidyalaya, Ambajogai. He has 15 years' experience as an outstanding teacher and researcher. He is recipient of fellowship of Indian Association of Aquatic Biologists, Hyderabad. He has done pioneering work in the field of Reservoir Fisheries and Limnology. Dr. Sakhare has successfully organized National Conference on Emerging Trends in Fisheries and Aquaculture (ETFA-2012), National Workshop on Techniques of Scientific Writing (TSW-2014), National



Conference on Current Perspectives in Limnology (NCCPL-2009) and Regional Workshop on Water Quality Assessment (Implications in Potability, Productivity and Pollution control).

Dr. Sakhare has supervised a research project funded by University Grants Commission, New Delhi and he is a recognized post graduate teacher and research guide of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Solapur University, Solapur and J.J.T. University, Rajasthan. Under his guidance three students have completed Ph.D. He has published more than 50 research articles and reviews in peer reviewed journals and about 70 marathi articles in newspapers and magazines.



Dr. C.M. Bharambe is working with Department of Zoology, Vidnyan Mahavidyalaya, Malkapur (Maharashtra). He has done significant work in the field of Limnology and Toxicology and published more than 35 research papers. Dr. Bharambe is a recognized research guide of Sant Gadge Baba Amravati University and Algappa University, Tamil Nadu. Dr. Bharambe is also life member of Indian Science Congress and Indian Association of Aquatic Biologists.

Dr. Bharambe has chaired a number of sessions of different seminars/symposia. He has been invited to different colleges/institutes to deliver lectures on different topics in the field of limnology and toxicology.

Dr. H.K. Jadhav is working as Assistant Professor and Head of the Department of Zoology at Arts, Science and Commerce College, Naldurg, Maharashtra. He obtained his Ph.D. from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. He has more than five years teaching and experience in the field of fisheries and aquaculture. Dr. Jadhav is life member of Indian Science Congress Association (Kolkata), Society of Life Sciences (Satana) and Association of Zoologists, India (Pune). He has published more than 50 research papers in the national and international journals.





DISCOVERY PUBLISHING HOUSE PVT. LTD.

4383/4B, Ansari Road, Darya Ganj, New Delhi–110 002 (India)
Tel.: +91-11-23279245/43596064/43596065; Fax.: +91-11-23253475
E-mail: discoverypublishinghouse@gmail.com
sales@discoverypublishinggroup.com
Website: www.discoverypublishinggroup.com





Editors

Dr. V.B. Sakhare

Head

Post Graduate, Deptt. of Zoology Yogeshwari Mahavidyalaya Ambajogai - 431 517 (Maharashtra)

Dr. C.M. Bharambe

Department of Zoology Vidnyan Mahavidyalaya Malkapur (Maharashtra)

ď

Dr. H.K. Jadhav

Assistant Professor & Head
Department of Zoology
Arts, Science & Commerce College
Naldurg (Maharashtra)



DISCOVERY PUBLISHING HOUSE PVT. LTD. NEW DELHI-110 002

Published by:

Namit Wasan

DISCOVERY PUBLISHING HOUSE PVT. LTD.

Naldurg

4383/4B, Ansari Road, Darya Ganj

New Delhi - 110 002 (India)

Phone: +91-11-23279245, 43596064-65

Fax : +91-11-23253475

E-mail: discoverypublishinghouse@gmail.com

namitwasan9@gmail.com

sales@discoverypublishinggroup.com

web: www.discoverypublishinggroup.com

First Edition: 2016

ISBN: 978-93-5056-808-8

Ecology and Environment

© Editors

All rights reserved. No part of this publication should be reproduced, stored in a retrieval system, or transmitted in any form or by any means: electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of the author and the publisher.

This book has been published in good faith that the material provided by authors is original. Every effort is made to ensure accuracy of material, but the editor, publisher and printer will not be held responsible for any inadvertent error(s). In case of any dispute, all legal matters are to be settled under Delhi jurisdiction only.

Printed at:
Infinity Imaging Systems
Delhi

Contents



Preface

1	. An Evidence for Autosomal Linkage of A Few	1-20
	Courtship Traits in Drosophila Melanogaster	
	Lakshmi Kothegala V; S.N. Hegde	
2	. Identification of Vibrio Harveyi in Sea Water	21-28
	Sample by PCR Targeted to Vhh Gene	
	Sreenath Pillai; Leena Muralidharan	
3.	Implementation of White Rot Fungal Pre-treated	29-43
	Rice Straw for Sustainable Bioethanol Production	
	by Saccharomyces Cerevisiae	
	Malarmathi Kavindapadi Balasubramaniam;	
	Renuka Kumarasami; Ravikumar Rajarathinam	
4.	A Preliminary Observation on Butterflies of	44-58
	Sahyadri College Campus, Shivamogga, Karnataka	
	H.A. Sayeswara; K.L. Naik; H.M. Ashashree	
5.	Urban Waste Disposal	59-67
	Need for A Process Complying with	
	Clean Development Mechanism and	
	Resulting in Farm Yard Manure	
	and Alternative Fuel	
	B. Harishchandra Bhat; Sairam Bhat	
Ó.	Comparative Analysis of Conventional Compost	68-79
	and Millicompost Producing by	
	Aulacobolus Newtoni (Silvestri, 1916)	
	R. Bhavani; R. Umamaheswari	
7.	Ranking of Shrubland Species in Order	80-84
	of Merit for the Parameters Analysed	
	in Different Tree Environments	
	R.Y. Kulkarni; D.V. Dev	