ADVANCES IN LIFE SCIENCES AND HUMAN WELFARE



EDITORS

DR. VASANT D. SATPUTE
DR. MUKUNDRAJ B. PATIL
DR. SANTOSH V. RANKHAMB



NOTION PRESS

India. Singapore. Malaysia.

Copyright © (2022) Dr. V.D. Satpute; Dr. M.B. Patil, Dr. S. V. Rankhamb

ISBN: 9798890020901

This book has been published with all reasonable efforts taken to make the material error-free after the consent of the author. No part of this book shall be used, reproduced in any manner whatsoever without written permission from the author, except in the case of brief quotations embodied in critical articles and reviews.

The Author of this book is solely responsible and liable for its content including but not limited to the views, representations, descriptions, statements, information, opinions and references ["Content"]. The Content of this book shall not constitute or be construed or deemed to reflect the opinion or expression of the Publisher or Editor. Neither the Publisher nor Editor endorse or approve the Content of this book or guarantee the reliability, accuracy or completeness of the Content published herein and do not make any representations or warranties of any kind, express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose. The Publisher and Editor shall not be liable whatsoever for any errors, omissions, whether such errors or omissions result from negligence, accident, or any other cause or claims for loss or damages of any kind, including without limitation, indirect or consequential loss or damage arising out of use, inability to use, or about the reliability, accuracy or sufficiency of the information contained in this book.

Made with ♥ on the Notion Press Platform

www.notionpress.com



Contents

1.	SURFACE STERILIZATION METHOD FOR REDUCING CONTAMINATION OF SOLANUM MELONGENA ANTHEFOR IN VITRO CULTURE Vishal Rathod and Shashikant Bandewar	ER EXPLANTS
	tadiod and Shashikant bandewar	(1-5)
2.	SEED DISPERSAL: AN OVERVIEW Dr. R. S. Deshmukh	(6-11)
3.	FUNGI ASSOCIATED IN LIBRARY ENVIRONMENT Dhondiram P. Gadgile, P.V. Pawar and S.V. Poul	(12-14)
4.	DIAGNOSIS OF NEW PLANT FOSSILS AND THEIR ASSESSMENT IN THE INTERPRETATION OF PHYLOGENY AND EVOLUTION Dr. S.V. Chate (15-28)	
_		(10 10)
5.	ORGANIC FARMING: A REVIEW Kiran. A. More	(29-37)
6.	AEROMYCOFLORA OVER A SUGARCANE FIELD AT LATUR: A SPECIAL APPROACH TO WHIP SMUT DISEAS Biradar Rajkumar G.	UDGIR DIST. E (38-44)
7.	ANIMALS ROLE IN SUSTAINABILITY Anil Khole & Rajesh Deshmukh	(45-51)
8.	DIVERSITY OF AGARICALES FROM BULDANA D WESTERN VIDARBHA, MAHARASHTRA Dr. Suryakant H. Kanherkar, Mr. Shailesh S. Borul, Dr. Rameshwar Y. Mane	OISTRICT OF
	Di. Rameshwai T. Mane	(52-67)
9.	INVESTIGATION ON PIGEON PEA WILT INCITED BY FUS. (BUTLER)	ARIUM UDUM
	Bhandarge P. R., Patre M. M.	(68-81)
10	EFFECT OF ELECTROCULTURE ON PLANTS - A REVIEW	
10.	Bhagyawant R. U. and Patil M.B.	(82-92)
11.	MYCOFLORA ASSOCIATED WITH SOME SOILS OF MAREGION	ARATHWADA
	Kadam R.M. and Yadav S.G.	(93-100)
12.	STUDIES ON MEDICINAL PLANTS AND THEIR ROLE LIFE	IN HEALTHY
	Ram Bajgire	(101-106)

	OSCILLATORIA AMONEA IN SEED GERMINATION OF GREEN GRAM (VIGNA RADIATA L.)		
	Yadav S.G.	(107-113)	
14	. STATUS OF ORGANIC FARMING: A REVIEW		
	Shailaja B. Bhosale, Mukundraj B. Patil and Anand Gore	(114-120)	
15	AEROMYCOLOGICAL STUDIES OVER GROUNDNUT RENAPUR, DISTRICT LATUR OF MAHARASHTRA STATE	FIELDS AT	
	R. M. Kadam, C.G.Sable, W. N. Jagirdar, R. N. Govande	(121-129)	
16.		ODIVERSITY	
	Ranjit R. Raut, Ganesh D. Suryawanshi and Anil R. Kurhe	(130-135)	
17.	BIGGEST CATTLE TRADING AT MALEGAON FAIR		
	Dr. Mrs. M. K. Malviya	(136-142)	
18.	MEDICINAL PLANTS UTILIZED FOR THE TREATMENT OF UTROUBLE IN HINGOLI DISTRICT (MS), INDIA	OF URINARY	
	Kamble T. D. & S. T. Bandewar	(143-145)	
19.	STUDY OF PHYSICO-CHEMICAL PARAMETERS OF BANSHELKI DAM UDGIR, DIST.LATUR		
	Dhaswadikar Usha Sitaram	(146-153)	
20.	EFFECT OF EM RADIATIONS ON BIOLOGICAL SYSTEM		
	M. A. Barote, A. V. Pathan	(154-163)	
21.	ECOLOGICAL STUDIES ON AQUATIC FUNGI IN TERU HANDERGULI	DAM, HALI-	
	B. S. Kamble, P. S. Bele	(164-166)	
22.	REVIEW ON THE IMPORTANCE OF LEAFY VEGETABLES IN HUMAN HEALTH		
	Laxman R. Shimple and Balwan W. Kamble	(167-178)	
23.	AVIAN FAUNAL DIVERSITY OF COLLEGE CAMPUS, ADINATHNAGAR: A CHECKLIST		
	Atul R. Chourpagar, Jyoti Tupe, Dhaneshwari Mhaske and Rumana S. Shaikh	(179-186)	
	A PILOT STUDY ON THE ROLE OF EXOGENOUS (PHOTO) ENDOGENOUS FACTOR (CHOLESTEROL) AND EYE STAL (ESA) IN THE REPRODUCTIVE SYSTEM OF OZIOTEI SENEX SENEX	PHUSA	
	Dr. V. Mathivanan and Dr. D, Leelavathi	(187-201)	

13	 ENHANCING EFFECTS OF THE EXTRACTS OF BLUE GREET OSCILLATORIA AMONEA IN SEED GERMINATION OF GREEN (VIGNA RADIATA L.) Yadav S.G. 	
		(107-113)
14	. STATUS OF ORGANIC FARMING: A REVIEW	
	Shailaja B. Bhosale, Mukundraj B. Patil and Anand Gore	(114-120)
15.	AEROMYCOLOGICAL STUDIES OVER GROUNDNUT RENAPUR, DISTRICT LATUR OF MAHARASHTRA STATE	FIELDS AT
	R. M. Kadam, C.G.Sable, W. N. Jagirdar, R. N. Govande	(121-129)
16.	CONSERVATION	ODIVERSITY
	Ranjit R. Raut, Ganesh D. Suryawanshi and Anil R. Kurhe	(130-135)
17.	BIGGEST CATTLE TRADING AT MALEGAON FAIR Dr. Mrs. M. K. Malviya	(136-142)
18.	MEDICINAL PLANTS UTILIZED FOR THE TREATMENT (TROUBLE IN HINGOLI DISTRICT (MS), INDIA	OF URINARY
	Kamble T. D. & S. T. Bandewar	(143-145)
19.	STUDY OF PHYSICO-CHEMICAL PARAMETERS OF BANS UDGIR, DIST.LATUR	HELKI DAM
	Dhaswadikar Usha Sitaram	(146-153)
20.	EFFECT OF EM RADIATIONS ON BIOLOGICAL SYSTEM M. A. Barote, A. V. Pathan	(154-163)
21.	ECOLOGICAL STUDIES ON AQUATIC FUNGI IN TERU	DAM, HALI-
	HANDERGULI B. S. Kamble, P. S. Bele	(164-166)
22.	REVIEW ON THE IMPORTANCE OF LEAFY VEGETABLES	S IN HUMAN
	Laxman R. Shimple and Balwan W. Kamble	(167-178)
23.	AVIAN FAUNAL DIVERSITY OF COLLEGE CAMPUS, ADIN A CHECKLIST	ATHNAGAR:
	Atul R. Chourpagar, Jyoti Tupe, Dhaneshwari Mhaske and Rumana S. Shaikh	(179-186)
	A PILOT STUDY ON THE ROLE OF EXOGENOUS (PHOTOI ENDOGENOUS FACTOR (CHOLESTEROL) AND EYE STAL (ESA) IN THE REPRODUCTIVE SYSTEM OF OZIOTEL	KABLATION
	SENEX SENEX Dr. V. Mathivanan and Dr. D, Leelavathi	(187-201)

25. TOPOGRAPHY AND METEOROLOGICAL INFORMATION OF MARATHWADA REGION		
D. R. Chamle	(202-210)	
26. FRESH WATER FISH DIVERSITY IN KANNAD TALUKA R Jadhav T.J. And Jadhav V.D.	ESERVIOURS (211-219)	
 ISOLATION OF SEED BORNE MYCOFLORA OF SOYABEA max L.) 	N (Glycine	
Yadav S.G. and Sabale C.G.	(220-223)	
ECOLOGICAL EFFECT ON HELMINTH PARASITIC DISTRIBUTION IN COMMON TOADS		
Sujeet Jamdar & Jaywant Dhole	(224-230)	
29. THE STUDY OF SOLID WASTE MANAGEMENT BY VERMICOMPOSTING		
Deepak T. Tangade	(231-237)	
30. STUDY OF BODY MASS INDEX AND HAEMOGLOBIN IN O GIRLS FROM VAIJAPUR TEHSIL OF AURANGABAD DIST MAHARASHTRA STATE	COLLEGE RICT OF	
Bhimrao N. Jadhav and Sheshrao K. Rathod	(238-242)	
31. BIOPHYSICS: AN INTEGRAL APPROCH Vyankatesh Jadhav	(243-249)	
32. STATISTICAL STUDY OF UNDERWATER BIVALVE FROM ASPECTS OF INDIAN COAST	M SOME	
Sunil N. Khade and P. B.Gaikwad	(250-259)	
33. VERMICOMPOSTING BY USE OF DIFFERENT GARDEN VEISENIA FETIDA	WASTE USING	
Sunil N.Khade and Devyani N. Rathod	(260-268)	
34. RELEVANCE OF ERGONOMICS IN DAILY LIFE Maman Paul and Deepak M Gaikwad	(269-273)	
35. MORPHOLOGICAL AND ANATOMICAL CHANGES ON TE ALBINO RAT ON INDUCTION OF CYPROTERONE ACETA S. S. Khiratkar, A.M. Gawande, Aayesha Shaikh,	ESTES OF ATE	
G.P. Jadhav A.U. Nirwal and V. F. Dabhade	(274-279)	
36. A STUDY ON DETOXIFICATION MECHANISM IN FRESH ON EXPOSURE TO ORGANIC POLLUTION	WATER FISH	
Prakash R. Ingle and Sunil N. Khade	(280-282)	
37. PHYSIOTHERAPY AND ANIMAL CARE	- 1 49 - 1	
Maman Paul	(283-288)	

	. AWARENESS OF HELMINTH INFECTION CONTROL IN HI Deepak M. Gaikwad	(20)-293)
39.	EFFECT OF SOME CHEMICAL HYBRIDIZING AGENTS ON CULINARIS L" VAR - K75	
	Netrapal Singh	(294-305)
40.	BIOLOGICAL CONTROL OF ALTERNARIA BLIGHT CAUSE ALTERNARIA SPP. IN MUSTARD	D BA
	Lakde H.M. and Mundhe A.S.	(306-312)
41.	ENZYMATIC ACTIVITY OF GEOTRICHUM CANDIDUS	
41.	VS. Chatage	(313-322)
12	A GALL MIDGE: THREATS TO THE BIODIVERSITY	
	P.R. Surve, S.S. Bhalerao	(323-327)
43.	PHOSPHATE NUTRITION IN RELATION TO GROWTH OF CERCOSPORA TRAVERSIANA CAUSING LEAF SPOT OF FE (TRIGONELLA FOENUM-GRAECUM)	: ENUGREEK
	Yadav S.G. Gaikawad M.A. and Chavan Diksha S.	(328-332)
14.	STUDIES OF ADHATODA VASICA (L.) LEAF EXTRA LINEAR GROWTH OF <i>COLLETORICHUM CAPSICI</i> (SPOT OF TUMERIC	
	S.D. Dhavle*, S.P. Rakhonde	(333-335)



STATUS OF ORGANIC FARMING: A REVIEW

Shailaja B. Bhosale#, Mukundraj B. Patil* and Anand Gore**

Research Scholar

Department of Botany, Late Ramesh Warpudkar ACS college, Sonpeth, Dist. Parbhani

*Vasantrao Naik Marathwaada Agricultural University, Parbhani

Agriculture, with its allied sectors, is the largest source of livelihoods in India. In India mostly the agriculture depends upon the organic inputs. In the ancient time, agriculture was practiced without the use of artificial chemicals. Till World War II agriculture in the world was organic thereafter flow of chemicals in the agriculture was increased in the form of fertilizers, pesticides, herbicides etc. Due to increased yield it becomes most popular without knowing its drawbacks and so that it was harmful to the environment. From twentieth century organic farming is came to know in society, also organic food is beneficial to human health and the practice of organic farming keeps the environment clean.

Organic farming isn't just about food. Organic is vision or working and living its harmony with nature. The result of organic farming is healthy soil, which grows healthy plants which makes for healthy peoples. Organic farmer's helps to create a better future for people, animals and environment. 70% of its rural households still depend primarily or agriculture for their livelihood, with 82% of farmers being small and marginal. During 1980 a movement called biological agriculture began under the wardship of Hans Peter Rusch and Hans Mullar in Switzerland (Le Guillou and Scharpe, 2001). This movement led foundation to the organic farming in the world.

ABOUT THE EDITORS



Dr. Vasant D. Satpute

Dr. Vasant D. Satpute is presently working as a principal of Late Ramesi Warpudkar ACS College, Sonpeth Dist Parbhani. (MS) He has been teaching undergraduate students for last twenty three years. He has worked as a member of BOS in English, S.R.T.M.University Nanded during 2009-12 & 2012 to 2017. Six research scholars have completed Ph.D under his guidance and five are pursuing their Ph.D. work. Ten research students have completed their M.Phil degree under his guidance. He has authored three books, edited six and written more than forty research papers in various books and journals. He has completed one Mino Research Project sanctioned by UGC. He has been the chief organizer of 22 seminars, conferences and workshops at various levels.



Dr. Mukundraj B. Patil

Dr. Mukundraj B. Patil is working as an Assistant Professor and Head I Department of Botany, Late Ramesh Warpudkar Arts, Commerce Science College, Sonpeth, Dist. Parbhani, (MS) India and has teaching research experience of more than 11 years. He did his M.Sc. and Botany from Swami Ramanand Teerth Marathwada Univeresity, (Maharashtra). He has published 28 Research papers in Internation National journals. He has authored 4 books and edited 6 Books research scholars has completed Ph.D. under his guidance and thre pursuing their Ph.D. work. He has completed one MRP funded by UGC



Dr. Santosh V. Rankhamb

Dr. Santosh V. Rankhamb is working as an Assistant Professor and Head in the Department of Zoology, Late Ramesh Warpudkar Arts Commerce and Science College, Sonpeth, Dist. Parbhani, (MS) India and has teaching and research experience of more than 11 years. He did his M.Sc. and Ph.D in Zoology from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (Maharashtra). He has 14 International and 00 National peer-reviewed papers and 04 books to his credit.



XPRESS PUBLISHING AN IMPRINT OF NOTION PRESS

