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Editorial

The Editorial Board is pleased to bring out the Volume Fifth & Issue Second of 'IDEAL', An Interdisciplinary Half Yearly Research Journal. Recently, all over the world number of economic and managerial changes are being taken place. To tackle the problems of business and to remove the bottlenecks of enterprises, the well thought and all embarrassing articles need to be published for the businessmen, academicians, investors, etc. The global economic situation is not much favorable for the socio-economic development of Indian economy. In this situation, the sustained efforts with honest management skills will be of much helpful. The **Ideal**, newly established yearly journal is trying to reach the readers of all sections of society. The authors have covered different aspects and they have helped to make this issue in a more comfortable & readable. The articles included in this journal covers from all India level. The publisher will be happy if the readers bring their suggestions for the further improvement of this newly started journal.

Assit. Prof. Vinay S. Hatole

'आयडिल' या सहामयि प्रसिध्द झालेली मते मुख्य संपादक, संपादक मंडळ व सल्लागार मंडळास मान्य असतीलच असे नाही. या नियतकालिकात प्रसिध्द करण्यात आलेली लेखकाची मते ही त्याची वैयक्तिक मते आहेत. तसेच शोधनिबंधाची जबाबदारी स्वतः लेखकावर राहिल.

हे नियतकालिक मालक, मुद्रक, प्रकाशक विनय शंकरराव हातोले यांनी अजिंठा कॉम्प्युटर अँड प्रिंटरस, जयसिंगपूरा, विद्यापीठ गेट, औरंगाबाद येथे मुद्रित व प्रकाशित केले.

CONTENTS

Sr. No.	Name & Author	Pages
1	A Study of Emotional, Social and Educational Adjustment Among HIV Positive and Normal Children Dr. Hena Khan	1-5
2	GIS and Remote Sensing Dr. Kailas V. Nikhade	6-7
3	India's Role in Central Asia in 21 st Century Yogesh Subhashchandra Borse	8-14
4	The State of Jammu and Kashmir – A Privileged State: A Brief Appraisal Umesh U. Katekar	15-19
5	Towards the Comprehensive Analysis of Face Recognition: A Biometrical Approach Manisha Sharma Vaibhav Pathak	20-29
6	Critical Review of Multilateral Environmental Agreements, Conventions and Protocols in Environmental Protection Priya P. Nadar	30-34
7	Wrestling and Health of Society Prof. Dr B. N. Yadav	35-37
8	Role of Yoga and Meditation for better Performance of Archery Player Prof. Attaulla Jahagirdar Deepa Laxinarayan Rathod	38-41
9	Effect of Plyometric and Speed Training on Kinetic Energy and Jumping Performance of High School Broad Jumpers of Maharashtra State Dr. Sandeep Jagannath Jagtap	42-44
10	Lord Buddha's Propagation of Buddha Dhamma Phramaha Pornprasong Putthachan Prof. Dr. Manish Anand	45-48
11	Green Marketing and Green Washing : Challenge in Sustainable Development Capt Dr. S. J. Kulkarni	49-53
12	Compensation Vis - A - Vis Judicial Activism Mr. Satish Anandrao Munde	54-59

CONTENTS

Sr. No.	Name & Author	Pages
13	Core Banking Solution Requirements for Cooperative Banks: Functional and Technical Gajanan S. Rathod Dr. P. H. Karmadkar	60-66
14	Role of Small and Medium Scale Industries in Employment Generation in Aurangabad District Virendra R. Surase Dr. S. S. Muley	67-71
15	Poisoning National Consciousness through Religious Intolerance: A Study of Chaman Nahal's <i>Azadi</i> Dr. Jukkalkar Syed Imtiaz	72-77
16	Gender Equality : in Context with Culture, Religion and Literature (A historical View) Satish Kumar Singh	78-83
17	Anxiety Dr. B. H. Maske Deepak Pandey	84-88
18	Lok Adalat – Need of the Hour Prof. Ratna Chandak	89-94
19	Role of Generic Medicine in Indian Pharmaceutical Industry Mr. Shaikh Abid Shaikh Dilawar	95-98
20	The Role of Rest of Maharashtra Statutory Development Board in the Development of Pune Region - A Critical Study Dr. Adinath More	99-109
21	Economic Globalization and Issues Related to Women Dr. Tabassum Sheikh	110-114
22	A Study of Organized Crime in Maharashtra Adv. Shivkumar V. Deshmukh	115-118
23	Automated Depth Classification Scheme for Physics Sanjay K. Desale	119-124

CONTENTS

Sr. No.	Name & Author	Pages
24	Culture of India Ambikadevi R. Belamgi	125-128
25	A Status of Legal Education in India: Critical Study Nikhil Pradip Dube	129-130
26	Portrayal of Outdated Educational System in Mulk Raj Anand's Novel Lament on the Death of a Master of Arts Dr. Suresh B. Bijawe	131-135
27	New Trends in Boxing Scoring Shri. Sangram S. Deshmukh Dr. Netaji Muley	136-138
28	The Comparative Study of Environment & Urbanization Asst. Prof. Ashok Bandu Pawar	139-143
29	Aquatic Birds Diversity of Wanjarwadi and Ukhande Water Reservoir Beed Maharashtra Shaikh Feroz Iliyas	144-147

29

Aquatic Birds Diversity of Wanjarwadi and Ukhanda Water Reservoir Beed Maharashtra

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Department of Zoology, Milliya Arts, Science & Management Science College, Beed.

Abstract

Aquatic avian fauna plays a stunning role to balance the Aquatic ecosystem. A survey was done on Wanjarwadi and Ukhanda reservoir Dist Beed to study the variety of bird species. The maximum birds are found in winter season. A total of 31 Aquatic Species were identified during the whole studied period.

Key words : Aquatic birds, diversity, water reservoir Beed.

Introduction

Water birds are not only Protuberant individuals which entice people to wetlands but are also bio-indicators and useful models for reviewing a range of environmental problems.

Wetlands are extremely vital areas throughout world for wildlife protection; recreation flood prevention and Sediment control. Chitampally, (1993), Ali (1936), Ramkrishna (1983)

More than 1250 Species of birds were recorded in Indian Subcontinent among the various habitats out of 310 Species of wetland birds found in India. Half of them are migrant. The presence of enormous water bodies provide food & shelter to birds.

Due to human population and industrialization wetland environment is being disturbed. The present survey was done to check the status and availability of aquatic birds in water reservoir.

Material and Methods

The present survey was carried out for period of December, 2014 to December 2015 the water bodies were visited every year in month of December. The earlier Morning were preferred for the Sighting of birds.

The birds were identified through naked eyes and by the aid of binoculars and SLR camera were used to capture the picture of birds. For the Identification of birds coloured field guide and standard books were referred.

The information about birds like species number, activity and breeding time was written down on note book.

The status of Birds as migrating and residential are denoted by M and R respectively.

Result & Discussion

31 Species of birds recorded during the study (Table No. 1)



Table . 1 Status of aquatic birds at wanjarwadi water reservoir.

Sr. No.	Scientific Name	Name Of Bird	Status
Alcedinidae			
1.	Alcedoatthis	Small Blue Kingfisher	R
Anatidae			
2	Aythyferina	Common Pochard	M
3	Anascrecca	Common Teal	M
4	Annastrepera	Gadwall	M

5	Anaspenelope	Eurasian Wigeon	M
6	Anasplatyrhynchus	Mallard	M
7	Aythyafuligula	Tufted Pochard M	M
Ardeidae			
8	Bubulcus Ibis	Cattle Egret	R
9	Eregetta Lba	Greter Egret	R
10	Ardeacinerae	Grey Heron	R
11	Ardeolograyii	Indian Pond Heron	R
12	Mesophoyxintermedia	Intermediate Egret	R
Charadriidae			
13	Charadriusdubius	Common Ringed Plover	R
Ciconiidae			
14	Anastomusoscitans	Asian Openbill	R
15	Mycterialeucocephala	Painted Stork	R
16	Ciconiaepiscopus	Wooly-Necked Stork	M
Gruidae			
17	Grusgrus	Common Crane	M
18	Grusantigone	Sarus Crane	R
Pelecanidae			
19	Pelecanusonocrotalus	Great White Pelican	M
20	Phalacrocoraxcarbo	Great Cormorant	R
21	Phalacrocoraxnigar	Little Cormorant	R
Phalacrocoracidae			
22	Phalacrocoraxcarbo	Great Cormorant	R
23	Phalacrocoraxnigar	Little Cormorant	R
Rallidae			
24	Gallinulachloropus	Common Moorhen	R
Rostratulidae			
25	Charadriusdubius	Little Ringed Plover	M
Scolopacidae			
26	Limosalimosa	Black – Tailed Godwit	M
27	Actitishypoleucos	Common Sandpiper	M
28	Tringagliareola	Wood Sandpiper	M
Sternidae			
29	Plegadisfalcinellus	Glossy Idis	M
30	Threskiomismelanocephalus	Back Headed Ibis	R
31	Platalealeucorodia	Eurasian Spoonbill	R

Environmental condition and seasonal variation studies by (Jayson & Mathew, 2002) Kulkarni & Goswami (2008) recorded 31 species in Shimla. Kulkarni et. al. (2005) recorded 151 species of birds in

Nanded region. In this study 31 species are recorded. This indicates that bird population is depending upon environmental conditions.

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