

Progressive Education Society's
Modern College of Arts, Science and Commerce, Ganeshkhind
Department of Zoology
Research Publications

Year:2014

1. Ravindra V. Kshirsagar and Sanjay Kharat (2014) Records of occurrence of *Dugesia* (planaria) in freshwater water pond, Pune India. Binano Frontier 7(1), 2014

Year:2015

2. Pratibha Sawant and Ravindra V. Kshirsagar (2015): Ichthyofaunal diversity from manas lake bhugaon pune. Bionanofrontier Journal.Vol.9 (2).pp58.
3. RV Kshirsagar (2015), Neoblast, Blastema formation and epimorphic regeneration in *Dugesia planeria* pp62-64

Year:2016

4. Pratibha Sawant and Ravindra V. Kshirsagar (2016), Ornithodiversity from Manas lake Pune, Bioscan 2143-2145
5. Pratibha Sawant and Ravindra V. Kshirsagar (2016), Spatial patterns of bird diversity from Manas lake Pune

Year:2017

6. Sachin M. Gosavi, Sanjay S. Kharat, Pradeep Kumkar, Sushant S. Navarange: Interplay between behavior, morphology and physiology supports lepidophagy in the catfish *Pachypterus khavalchor* (Siluriformes: Horabagridae). Zoology (2017), DOI: 10.1016/j.zool.2017.07.003.
7. Shakera Inamdar, Nilima Naikwadi and Manoj Jadhav (2017), Diversity of Butterflies of Pune City, IJSRST, 3(9)
8. Ramprakash, Ravindra Kshirsagar and V.B. Khyade (2017): Treating the leaves of Mulberry, *morus alba* (l) (v-1: variety) with aqueous solution of maple syrup belong to *acer saccharum* (l) and feeding

the fifth instar larvae of silkworm, *Bombyx mori* (L) (race: bivoltine double hybrid (PO3 × ND5) × (CSR4 × CSR2) Asian Journal of Science and Technology Vol. 09, Issue, 03, pp.7708-7713, March, 2018.

9. Tapkir, S. D., Kharat, S. S., Kumkar, P., & Gosavi, S. M. (2017). Effects of the invasive Tilapia on the Common Spiny Loach (Cypriniformes: Cobitidae: *Lepidocephalichthys thermalis*)-implications for conservation. *Journal of Threatened Taxa*, 9(9), 10642-10648.
10. RV Kshirsagar (2017), Efficacy of Fungi *Metarhizium anisopliae* and *Beauveria bassiana* against the larval growth of the *Aedes aegypti*. Pp 109.
11. Ramprakash and Ravindra Kshirsagar (2017): Studies on Evaluation of Bivoltine Hybrid of Bombyx Mori L. For Cocoon Productivity in Non-traditional Region of Pune Division, Maharashtra State. Online International Interdisciplinary Research Journal, {Bi-Monthly}, ISSN 2249-9598, Volume-07, Sept 2017 Special Issue (01). **UGC New Delhi Approved Journal No- 46964**
12. Kumkar, P., Kharat, S. S., Sawant, N. S., Katwate, U., & Dahanukar, N. (2017). Freshwater fish fauna of Hiranyakeshi river, the northern Western Ghats, India. *Journal of Threatened Taxa*, 9(5), 10178-10186.

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13. JP Sarwade and RM More (2018), Freshwater fish fauna of Pune District (MH): A review article, JETIR, pp 55-58
14. Verma, C.R.*, Kumkar, P.*, 2018 Glass in the water: molecular phylogenetics and evolution of Indian glassy perchlets (Teleostei: Ambassidae). Journal of Zoological Systematics and Evolutionary Research, 57 (3), 623-631.
15. Pradeep Kumkar, 2018, **The identity of *Aplocheilus andamanicus* (Köhler, 1906) (Teleostei: Cyprinodontiformes), an endemic Killifish from the Andaman Islands, with notes on *Odontopsis armata* van Hasselt**, Zootaxa, International
16. Pradeep Kumkar, 2018 **A new syntopic species of small barb from the Western Ghats of India (Teleostei: Cyprinidae)**, Zootaxa, International
17. Dr. Sanjay Kharat, Molecular phylogeny unveils hidden diversity of hillstream loaches (Cypriniformes: Cobitoidea) in the northern Western Ghats of India, Metagene

18. Pise, M., Gorule, P.A., Kharat, S., Verma, C., Kumkar, P., Gosavi, S.M. (2018) Length-weight relationships of four freshwater fishes from northern Western Ghats of India. *Journal of Applied Ichthyology*, 34(6), 1394-1396.
19. Ramprakash and Ravindra Kshirsagar (2018): studies on management of improve mulberry variety V1 Plantation practice for rearing bivoltine hybrid silkworm *Bombyx mori* L. for quality cocoon production in non-traditional region of Pune division. *Flora and Fauna an International research journal of Biological Science*, vol.24 pp.274-278 ISSN 0991-6920.
20. **Osteology of *Horabagrus brachysoma* (Gunther) young population from Northern Western Ghats of India Raut Rupesh , Kharat Sanjay (2021) , Online International Interdisciplinary Research Journal (Bi-monthly), ISSN 2249-9598, Volume -08, Issue-05, Sept-Oct 2018**

Year:2019

21. Verma, C.R., Kharat, S. S., Pise, M., & Kumkar, P. 2019 Structural adequacy of the digestive tract supports dual feeding habit in catfish *Pachypterus khavalchor* (Siluriformes: Horabagridae). *Acta Histochemica* 121 (4), 437-449
22. Gorule, P.A., Pise, M., Kharat, S. S., Tapkir, S. D., Londhe, P., Sarkar, S., Gosavi, S.M. (2018) Length-weight relationships of nine freshwater fishes from six rivers of the Western Ghats of India. *Journal of Applied Ichthyology*, 35(4), 1044-1046.
23. Tapkir, S. D., Gosavi, S. M., Kharat, S. S. & Kumkar, P. (2019) Impact, recovery and carryover effect of Roundup® on native and non-native predator recognition in common spiny loach, *Lepidocephalichthys thermalis*. *Ecotoxicology*, 28, 189-200.
24. Gosavi, S. M., Kharat, S. S., Kumkar, P., & Tapkir, S. D. (2019) Assessing the sustainability of lepidophagous catfish, *Pachypterus khavalchor* (Kulkarni, 1952) from a tropical river Panchaganga, Maharashtra, India. *The Journal of Basic and Applied Zoology*, 80 (1), 9.
25. Nandini kanekar and Ravindra kshirsagar(2019)Effect of *Senna Auriculata* on *Aedes Aegypti* Mosquito egg Vol.4 Dnyanmay ISSN No. 2395-7484
26. M.B.Shinde and Ravindra Kshirsagar Comparison of *Puntius conchonus* and *Gambusia affinis* for Feeding Rate of Mosquito Larvae *Asian Journal of Research in zoology* vol. 2(1): 1-5, 2019; Article no.AJRIZ.45678.
27. Nandini kanekar and Ravindra Kshirsagar (2020) Effect on eggs of *aededs aegypti* mosquito of *senna auriculata* flowers at 24 Hrs.interval. *Econder International academic journal*.pp.310-311. ISSN: 2602-3806.
28. NB patil and RV Kshirsagar 2019, Quality of washrooms for womens in remote areas

29. Neelam Redekar And Ravindra Kshirsagar (2019) Effect of Health care communication through information technology enabled education on menstrual hygiene management in adolescent Girl at alandi district Pune. Journal of emerging technologies and Research. Vol.(6)-5. pp.236-239. UGC Approved ISSN 2349-5162.

Year:2020

30. Kumkar Pradeep, The Reproductive Biology of *Pachypterus khavalchor* (Kulkarni, 1952) in the Panchaganga River of the Western Ghats, a Biodiversity Hotspot in India, *Asian Fisheries Science*, 33(2), 79-90. (2020)
31. Kumkar Pradeep, Taxonomy and systematics of the 'Maharaja Barbs' (Teleostei: Cyprinidae), with the description of a new genus and species from the Western Ghats, *Journal of Zootaxa*, 4803(3), 544–560
32. Dr. Shakera A. Inamdar, Pushpa Thakur, Study of Morphology and Molecular Taxonomy of Stem Borer *Stromatium barbatum* F. (Coleoptera: Cerambycidae) Dr. Shakera A. Inamdar, Pushpa Thakur, Purakala, (UGC Care Journal) Vol-31 Issue 08-2020 April-20 pp.1-10.
33. Verma, C. R., Gorule, P. A., Kumkar, P., Kharat, S. S., & Gosavi, S. M. (2020). Morpho-histochemical adaptations of the digestive tract in Gangetic mud-eel *Ophichthys cuchia* (Hamilton 1822) support utilization of mud-dwelling prey. *Acta Histochemica*, 122(7), 151602.
34. Dr. Shakera A. Inamdar & Meghna M. Kulkarni To Study the Collection, Preservation and Identification of Dipteran Diversities in Pune, Maharashtra, Purakala (UGC Care Journal), ISSN 0971-2143, Vol-31 Issue-12 April-2020 Pp(1-6).
35. More, R. M., Sarwade, J. P., & Karna, S. K. (2020). *Pterygoplichthys pardalis* (Castelnau, 1855) (Siluriformes: Loricariidae) from Ujani reservoir, Maharashtra, India. *BIOINFOLET-A Quarterly Journal of Life Sciences*, 17(4a), 587-588.
36. Ranjit, M. M., Jiwan, P. S., Monika, B. G., & Shubhada, S. R. Length-Weight Relationships of *Xenentodon cancila* (Hamilton, 1822) and *Hyporhamphus limbatus* (Valenciennes, 1847) from Bhima River of Maharashtra, India. *Journal of Aquatic Biology & Fisheries*, 90.
37. Dr. Shakera A. Inamdar & Jasmeen Mulani, Demographic Study of Pandemic Diseases COVID-19: Smallest Virus Terrible Biodisaster, Purakala, ISSN: 0971-2143, (UGC Care Journal)
38. Nadaf, R, D, Extracellular lipase from *Bacillus subtilis* KUBT4: isolation, identification and characterization, *International Journal of Pharmaceutical Sciences and Research*, 10(5), 2545-2549, 0975-8232

39. Nadaf, R, D, The Role of Algae in Sustainable Environment: A Review. *Journal of Algal Biomass Utilization*, 11(2), 28-34., 2229 – 6905
40. Nadaf, R, D, Optimization of the Media Components by One Factor at a Time Methodology to Enhance Lipase Production by *Bacillus subtilis* KUBT4. *International Journal of Scientific & Technology Research*, 9(1), 3601-3606, 2277-8616
41. Kumkar, P., Verma, C.R. & Kharat, S. S, Act now before it's too late: Copper exposure drives chemocology of predator-prey dynamics of freshwater common spiny loach, *Lepidocephalichthys thermalis* (Valenciennes, 1846).
42. Osteological description of Indian Skipper Frog *Euphlyctis cyanophlyctis* (Anura: Dicroglossidae) from the Western Ghats of India. Pankaj A. Gorule, Sachin M. Gosavi, Sanjay S. Kharat & Chandani R. Verma 26 June 2020 | Vol. 12 | No. 9 | Pages: 16136–16142 DOI: 10.11609/jott.6031.12.9.16136-16142
43. Neelam Patil And RV Kshirsagar 2020., The epidemiology of Covid19 Review
44. Neelam Patil And RV Kshirsagar 2020., Impact of COVID19 on Agriculture., *Journal of R& D*
45. Neelam Patil And RV Kshirsagar 2020., Impact of COVID19 on Health care economy, *JOMAT* 2020.
46. Nandini kanekar and Ravindra Kshirsagar (2020) Indirect effect of Covid-19 on Environment, *Au-fit Journal* Vol.8(1).pp.15-17 ISSN NO.2395-5066.
47. Transformation in higher education system with flipped classroom and new educational technologies, Dr. Sanjay Kharat and Dr. Sangeeta Dhamdhare, 2020, ISBN: 8-189-84210-2, 978-81-89842-10-9, 118-131, Modern College of Arts, Science & Commerce Ganeshkhind Pune, NAAC, Bangalore, India

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48. Mategaonkar, M. S., Sharma, P., & Inamdar, S. A. (2021). Diversity of odonates at Lohegaon, Pune, (MS). *BIOINFOLET-A Quarterly Journal of Life Sciences*, 18(3), 329-333.
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50. Inamdar, S. A., & Mategaonkar, M. S. (2021). Corona virus and its Chemistry .
51. Neelam patil, Querishi and Ravindra kshirsagar (2021) Role of balanced diet and holistic nutrition in women undergoing menstruation. *Universal international journal*. Vol.(1)(11).pp.230-234. ISSN-2582-6417.

52. Tapkir, S. D., Kumkar, P., Gosavi, S. M., Kharat, S. S., Patoka, J., & Kalous, L. (2021). Far from home: Tracking the global ornamental fish trade in endangered zebra loach, *Botia striata*, from freshwater ecoregion and biodiversity hotspot in India. *Journal for Nature Conservation*, 61, 126007.
53. Comparative osteology of the anal fin skeleton of Cyprinidae fish from Northern western Ghats, Raut Rupesh , Kharat Sanjay (2021) , International Journal of Zoological investigations Vol7, 10-15, <https://doi.org/10.33745/ijzi.2021.v07i02s.002>
54. Microplastic associated pathogens and antimicrobial resistance in environment , Dr. Sanjay kharat, Chemosphere, 2021, ISSN: 0045-6535