

Dr. J. A. Johnson

Scientist – F (Professor)

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Qualifications:

- **BSc Zoology** (1993), Kamaraj College, Tuticorin, Tamil Nadu.
- **MSc Zoology** (1995), St. Xavier's College, Palayamkottai, Tamil Nadu.
- **Ph.D Zoology** (2000), Manonmaniam Sundaranar University, Tirunelveli.

Research Experience:

- **Junior Research Fellow:** June 1995 – May 1997 in Ministry of Environment & Forests (MoEFCC) funded Project @ St. Xavier's College, Palayamkottai, **Tamil Nadu**.
- **Senior Research Fellow:** June 1997 – March 1998 in MoEFCC funded Project @ St. Xavier's College, Palayamkottai, **Tamil Nadu**.
- **Senior Research Fellow:** April 1998 - March 2001 in CSIR-SRF scheme @ St. Xavier's College, Palayamkottai, **Tamil Nadu**.
- **Post-Doctoral Research (DST–Young Scientist):** June 2001-May 2003 @ Manonmaniam Sundaranar University, Tirunelveli.

Teaching Experience:

- **Lecturer:** June-2003 - May-2005 (2 Ys), Taught for MSc students @ Malankara Catholic College, Kanyakumari District, **Tamil Nadu**.
- **Assistant Professor:** May-2005 - Dec 2005 (6 Ms), Taught for MSc & BTech students @ K.S. Rangasamy College of Technology, **Tamil Nadu**.
- **Assistant Professor:** Feb 2006-Jan 2008 (2 Ys), Taught for PG students @ Eritrea Institute of Technology, **Eritrea, North East Africa**.
- **Reader & Head** (Department of Biotechnology): Feb 2008 - Sept 2008 (7 Ms), Taught for MSc students @ Malankara Catholic College, Kanyakumari District, **Tamil Nadu**.
- **Scientist in Faculty of Wildlife Science** from 2008 to till date (13+ Ys) @ Wildlife Institute of India, **Dehradun**.
 - Teaching Wildlife Ecology for MSc (Wildlife Sciences) students.
 - Teaching Wildlife Ecology and Management for in-service IFS officers for 10 months PG Diploma Course.
 - Teaching Wildlife Management for in-service Range Forest officers for 3 months Certificate Course.
 - Teaching Wildlife Techniques for IFS Probationers @ Indra Gandhi National Forest Academy, Dehradun.
- **Course Director** for MSc Wildlife Science course (2012-2014 batch) @ Wildlife Institute of India.
- **Course Director** for Certificate Course in Wildlife Management (November 2010-January 2011) @ Wildlife Institute of India.
- **Course Director** for one week training programme for IFS officers on Management of Coastal and Marine Protected area held from 4 to 8 December 2017 @ Port Blair.
- **Guest Professor:** 2021 (summer course) @ **BOKU University, Austria**. Institute of Hydrology and aquatic Ecosystem Management University of Natural Resources and Life Sciences (BOKU), Vienna, Austria.

Present Position & Pay scale:

- **Scientist–F**, Faculty of Wildlife Sciences, Wildlife Institute of India.

<p>Development of new courses and curricula:</p>	<ul style="list-style-type: none"> • Developed Course Materials (10 modules) on 'Coastal and Marine Biodiversity and Protected Area Management' for Marine Range Officers.
<p>Administrative Responsibilities</p>	<ul style="list-style-type: none"> • Internal Complaint Committee (ICC) Member in Wildlife Institute of India, since 2021. • Faculty-in-charge for Research Laboratory @ Wildlife Institute of India, since 2015. • Nodal Scientist, Wildlife Species National Repository in Wildlife Institute of India, established under National Biodiversity Authority, Chennai, since 2017. • Head, Department of Habitat Ecology @ Wildlife Institute of India from 2017 to 2020. • Standing Exam Committee Member @ Wildlife Institute of India from 2017 to 2020.
<p>Professional/ Administrative Trainings:</p>	<ul style="list-style-type: none"> • Summer School Training (July to August 2001) on 'Fisheries management' @ Central Inland Fisheries Research Institute (CIFRI), Barrackpore, West Bengal. • Management of Natural Resources & Environment (2-8 March 2009). Trained @ Indian Institute of Public Administration (IIPA), New Delhi. • Management & Leadership Development (14-18 June 2010). Trained in Lal Bagadur Shastri National Academy of Administration (LBSNAA), Mussoorie, Uttarakhand. • Faculty Capacity Building Programme (Feb to March 2013) @ University of British Colombia, Canada and trained on 'Water Resource and Aquatic Habitat Management'.
<p>Awards/ Fellowships / Recognitions:</p>	<ul style="list-style-type: none"> • Rank holder in BSc & MSc Course. • CSIR-Senior Research Fellowship Award (1998–2001) from Council of Scientific and Industrial Research (CSIR), New Delhi. • Young Scientist Award (2001–2003) from Department of Science and Technology (DST), New Delhi. • Young Scientist Award (2003) - from Zoological Society of India (ZSI), Magadh University, Bihar. • Young Scientist Award (2004) - from Indian Science Congress Association (ISCA), Kolkata. • Antarctica Expedition (Nov 2009-March 2010) - Participated 29th Indian Expedition to Antarctica.
<p>Member of Government Committees:</p>	<ul style="list-style-type: none"> • Subject Expert Member, Govt. of India assignment at the Court of Arbitration between India and Pakistan for Kishenganga Hydro-Power project under the Indus Treaty (2012-2013). • Expert Committee Member constituted by MoEFCC in compliance with Hon'ble NGT order in connection with Kaleshwaram Lift irrigation Environmental violation case in Telangana. • Joint Committee Member constituted by MoEFCC in compliance with Hon'ble NGT order in connection with Ossudu Lake case in Puducherry & submitted report to Hon'ble NGT in August 2020. • Member, Environmental Appraisal Committee (River Valley & Hydro), MoEFCC, since 2016. • Research Advisory Committee Member, Uttarakhand Biodiversity Board, Dehradun since 2017. • Member, State Wildlife Board of Karnataka & Puducherry, since 2020.

Membership in Professional Societies:	<ul style="list-style-type: none"> • Member, IUCN -Species Survival Commission, UK. • Member, IUCN-Freshwater Fish Specialist Group, UK. • Life Member, Indian Science Congress, Kolkata. • Life Member, Fisheries Society of India, West Bengal.
Editorial Board Member:	<ul style="list-style-type: none"> • Journal of Threatened Taxa, India. • Journal of Bombay Natural History & Society • Frontiers in Environmental Sciences - Freshwater Section, Switzerland.
Consultancy/ Advisory Services provided:	<ul style="list-style-type: none"> • UNDP funded project on Establishment of Knowledge Management System for East Godavari River Estuarine Ecosystem, Advisory service provided to the EGREE foundation, Andhra Pradesh (2011-2014). • Developed Management Plan for Thane Creek Flamingo Sanctuary, Maharashtra (2015-2016). • Developed Management plan for Gulf of Mannar Marine National Park, Tamil Nadu (2016-2018). • Developed Management plan for Bhakira Bird Sanctuary, Uttara Pradesh
EIA studies Completed:	<ul style="list-style-type: none"> • Assessment of Cumulative Impacts of Hydroelectric Projects on Aquatic and Terrestrial Biodiversity in Alaknanda and Bhagirathi Basins, Uttarakhand. (Technical Report submitted to MoEFCC in 2012, 203p) • Assessment of Ecological Settings and Biodiversity Values of Papikonda National Park and Indira Sagar (Polavaram) Multipurpose Project Impact Zone in Andhra Pradesh for Development of Mitigatory Measures (Technical Report submitted to Andhra Pradesh in 2014, 186p). • Rapid Assessment of Ecological Impacts of Camping Operations for River Rafting between Kaudiyala and Rishikesh along the River Ganga (Technical report submitted to Govt. of Uttarakhand in 2016, 118p). • Assessment of habitat use by Black-necked Crane and eflows of Nyamjang Chu hydroelectric project, Tawang, Arunachal Pradesh (Technical report submitted to MoEFCC in 2018, 119p). • Wildlife conservation plan for the impact zone of Etalin Hydro-electric Project, Dibang valley, Arunachal Pradesh (Technical report submitted to MoEFCC in 2019, 301p).
Research Projects Completed:	<ul style="list-style-type: none"> • Diversity and conservation of endangered fish genetic resources of Kalakad Mundanthurai Tiger Reserve, Tamil Nadu (2009–2012) – Funded by DST (SERB), New Delhi. • Status of tiger and its prey species in Panna Tiger Reserve, Madhya Pradesh (2008-2009) – Funded by Madhya Pradesh Forest Department, Bhopal. • Reintroduction and Monitoring of Tiger in Panna Tiger Reserve (2009-2014) – Funded by Madhya Pradesh Forest Department, Bhopal. • Identification of indicator fish species for monitoring aquatic ecosystem in Askot landscape. BCRLIP Phase I & II (2012-2018) – Funded by World Bank through MoEFCC, New Delhi. • Planning Aquatic Species Restoration for Ganga River–under National Mission on Clean Ganga (2016-2019)–Ministry of Jal Shakti, New Delhi. • Study on ecology and migratory patterns of golden mahseer (<i>Tor putitora</i>) in river Ganga using Radio telemetry techniques (2017-2020)– Funded by Wildlife Institute of India’ Grant-in-aid programme.

	<ul style="list-style-type: none"> Ecology, taxonomy and conservation of fish diversity in Subansiri River basin of Arunachal Pradesh, North East India (2013-2016) – Funded by DST (SERB), New Delhi.
Ongoing Research/ EIA Projects:	<ul style="list-style-type: none"> Theme Leader (Principal Investigator) for Long-term Monitoring of Fish Population in selected landscapes (Western Himalaya, Eastern Himalaya, Central India, Western Ghats and Andaman and Nicobar Islands – under LTEO programme of MoEFCC (April 2020-March 2024). Co-Investigator for Assessment of the Ecological Status of selected Indian Rivers for Conservation Planning - Funded by National River Conservation Directorate, Ministry of Jal Shakti, New Delhi (June 2020–2023). Investigator for Recovery of Dugongs and their habitats in India: An Integrated Participatory Approach – funded by CAMPA, MoEFCC (2017-2021).
Countries Visited:	<ul style="list-style-type: none"> Eritrea- North East Africa (Feb 2006 - Jan 2008) – worked as Assistant Professor in Eritrea Institute of Technology. Antarctica (Nov 2009-March 2010) - Participated in 29th Indian Scientific Expedition to Antarctica, Organized by National Centre for Ocean & Antarctica Research (NCOAR), Ministry of Earth Sciences. Canada (16 Feb 2013- 30 March 2013) - Deputed to University of British Columbia, Canada as part of Faculty Capacity Building programme. Bhutan (01-4 Dec 2015) - Inputs provided in White-bellied Heron conservation workshop. Myanmar (06-10 August 2018) - As a resource person provided inputs in 'National Training for Wetland Managers in Myanmar', organized by Ramsar South East Region, South Korea. Bhutan (04-08 Dec 2018) – As an invited speaker delivered a talk on 'First Mahseer conference' at Bhutan. Sri Lanka (08-10 July 2014) - Deputed to participate the First workshop for the Development of Regional Marine Coastal Biodiversity. Sri Lanka (25 Feb–01 March 2020)– Participated IUCN South Asian Freshwater Fish Assessment Workshop @Kandy, Sri Lanka.
International Collaborations:	<ul style="list-style-type: none"> Indo-UN Water Partnership for developing of eflow assessment methods in collaboration with GIZ-India (draft report prepared). The Nature Conservancy, USA for developing 'Trade-Off Analysis of River Flow Management Alternatives for the Middle Ganga River' (draft report prepared). National Geography Society, USA and involved in 'Sea to Source' plastic pollution mapping expedition along the River Ganga between 2018 and 2020.
Extracurricular Activities:	<ul style="list-style-type: none"> NCC 'B' & 'C' Certificate Holder SCUBA diving (PADI Certified diver)

Ph.D Awarded / Thesis Submitted: 8 Students

Students Name	Thesis Title	University	Year of award/ submission
Manjusha, W.A.	Study on sponge associated microbial diversity, phylogenetic relationship and	Manonmaniam Sundaranar	2013

	screening of bioactive compound from selected sponges	University, Tirunelveli	
Mary Helen, P.A.	Diversity and biodegradation potential of leaf associated microorganism in selected streams of Kanyakumari District, Tamil Nadu	Manonmaniam Sundaranar University, Tirunelveli	2013
Jegatheesh, T.R.	Morphological diversity, genetic structure and molecular phylogenetic analysis of the <i>Puntius filamentosus</i> group in southern Western Ghats, India	Manonmaniam Sundaranar University, Tirunelveli	2015
Kannan, K.	Taxonomy, ecology and biology of an endemic barb <i>Dawkinsia tambraparaniei</i> in southern Western Ghats	Manonmaniam Sundaranar University, Tirunelveli	2015
Joshi, B.D.	Genetic diversity of selected species of genus <i>Puntius</i> (cypriniforms: cyprinidae): Implication in conservation and wildlife forensic	Gurukula Kangri Vishwavidyalaya, Haridwar	2016
Aashna Sharma	The potential impacts of climate changes on response and interaction of native and non-native trout population in selected riverscapes of Indian Himalyan region	Punjab University, Chandigarh	2021
Vandana Rajput	Ecology of hillstream fishes with emphasis on effects of flow regulation on stream community in Askot Landscape, Central Himalaya	Saurashtra University Rajkot, Gujarat	2021
Sutanu Satpathy	Diversity and ecology of the cyprinid fishes of the Subansiri river, Arunachal Pradesh	Saurashtra University Rajkot, Gujarat	2021 (submitted)

Books published: 3 Books

Authors	Title	Year	ISBN
Ponde, A., S. Seal V. Tripura J.A. Johnson K. Sivakumar	A field guide to Seagrasses of India and Associated Fauna	2021	81-85496-55-2
J.A. Johnson S.A. Hussain Ruchi Badola	Biodiversity profile of the Ganga River: Planning aquatic species for restoration of the Ganga	2019	81-85496-41-2
J.A. Johnson Anurag Rokade Vidyadhar Atkore K. Sivakumar Clement Ben	Fishes of Sahyadri Tiger Reserve, Maharashtra: A field guide	2019	81-85496-44-7

Peer reviewed Research Publications: 64 Publications

1. Eliza, K., Bhavna D., Sivakumar, K. and **J.A. Johnson** (2022). Habitat suitability modeling of the conservation significant fish species of the Kosi river, Uttarakhand, India. *River Research Application*, DOI: 10.1002/rra.4079
2. Sumit, P., Chinmaya, G., Sameeha, P., Rukmini, S., Madhu, M.K., Swapnali, G., Srabani, B., Sweta, I., Anant, P., K. Sivakumar and **J.A. Johnson** (2022). Understanding dietary differences in Indian dugongs through opportunistic gut sampling of stranded individuals. *Current Science*, 123(10): 1259-1264.
3. Sameeha, P., Anant, P., K. Sivakumar and **J.A. Johnson** (2022). Scars of hope and forewarn of a bleak future: post-mortem findings of dugongs (*Dugong dugon*) belonging to a relict population in the Gulf of Kachchh, India. *Current Science*, 123(7): 919-924.
4. Goura C.S., Surya, S., Ali, S., Saurav Gawan, Usmani, A.A., Sarkar, A., Suyash, K., Ajay Rawat, Gangaimaran, P., Panda, A., Agnihotri, U., Aishwarya, R., Srijani, G., Shivani, B., **J.A. Johnson**, Ruchi Badola and S.A. Hussain (2022). Prioritising river stretches using multi-modelling habitat suitability of Gangetic dolphin (*Platanista gangetica*) as a flagship species for aquatic biodiversity conservation in the Ganga River Basin, India. *Ecological Indicators* 145 (2022) 109680
5. Jithin, V., Abhijit Das and **J.A. Johnson** (2022). Understanding the influence of check dam and season on habitat use to develop habitat suitability criteria for overwintering tadpoles of *Nanorana* spp. <https://doi.org/10.1002/rra.4033>
6. Jithin, V., **J.A. Johnson** and Abhijit Das (2022). Influence of check dams on the activity pattern and morphometric traits of overwintering tadpoles in the Western Himalaya. *Limnologia*, doi.org/10.1016/j.limno.2022.125992
7. Ray, P., G. Malla, **J.A. Johnson** and K. Sivakumar (2022). An overview of the fish diversity and their threats in the Gowthami-Godavari Estuary in Andhra Pradesh, India. *Journal of Threatened Taxa* 14(8): 21588–21604.
8. Swapnali Gole, Prasad Gaidhani, Srabani Bose, Anant Pande, **J.A. Johnson** and K. Sivakumar (2022). New distribution record of globally threatened Ocean Turf Grass *Halophila beccarii* Ascherson, 1871 from the North Andaman Islands highlights the importance of seagrass exploratory surveys, *Journal of Threatened taxa*, 14(1): 20406-20412.
9. Pal, R., A. Sharma, V.K. Dubey, T. Bhattacharya, **J.A. Johnson**, K. Sivakumar and S. Sathyakumar (2021). A rare photographic record of Eurasian Otter *Lutra lutra* with a note on its habitat from the Bhagirathi Basin, western Himalaya, India. *Journal of Threatened Taxa* 13(13): 20072–20077.
10. De, K., A. Sarkar, K. Singh, V.P. Uniyal, **J.A. Johnson** and S.A. Hussain (2021). Diversity of aquatic insects and biomonitoring of water quality in the upper Ganga River, a Ramsar site: a preliminary assessment. *Journal of Threatened Taxa* 13(13): 20011–20018.
11. Syanti, B., Pandav, B., **Johnson, J.A.** and S.A. Hussain (2021). Resource utilization by smooth coated otter in the rivers of Himalyan foothills in Uttarakhand, India. *Global Ecology and Conservation*, <https://doi.org/10.1016/j.gecco.2021.e01896>.
12. Sharma, A., Dubey, V.K., **Johnson, J.A.**, Rawal Y.K. and K. Sivakumar (2021). Dendritic prioritization through spatial stream network modeling informs targeted management of Himalayan riverscapes under brown trout invasion. *Journal of Applied Ecology*, 2021(00): 1-12.
13. Sharma, A., Dubey, V.K., **Johnson, J.A.**, Rawal Y.K. and K. Sivakumar (2021). Spatial assemblage and interference competition of introduced Brown trout (*Salma trutta*) in a Himalayan river network: implication of native fish conservation. *Aquatic Ecosystem Health & Management*, 24(2): 33-42.
14. Johal, M.S., Sharma, A., Dubey, V.K., **Johnson, J.A.**, Rawal, Y.K. and K. Sivakumar (2021). Invasive brown trout *Salmo trutta* induce differential growth strategies in the native snow trout *Schizothorax richardsonii* of Himalaya: Are natives in unaltered rivers better at picking the gauntlet of invasion? *Journal of Applied Ichthyology*, 37: 723– 734.
15. Rajpurkar, Sagar; Pande, Anant; Sharma, Sajal; Gole, Swapnali; Dudhat, Sohini; **Johnson, J.A.** and K. Sivakumar, K. (2021). Light-weight unmanned aerial vehicle surveys detect dugongs and other globally threatened marine species from the Andaman and Nicobar Islands, India. *Current Science*, 121(2): 195-197.

16. Satpathy, S., K. Sivakumar and **J.A. Johnson** (2021). Fish communities and associated habitat variables in the upper Subansiri River of Arunachal Pradesh, eastern Himalaya, India. *Journal of Threatened Taxa*, 13(1): 17477–17486.
17. Sharma, A., Dubey, V.K., **Johnson, J.A.** Rawal, Y.K. and K. Sivakumar (2021). Introduced, invaded and forgotten: allopatric and sympatric native snow trout life-histories indicate brown trout invasion effects in the Himalayan hinterlands. *Biol Invasions*, 23: 1497–1515.
18. Kannan, K. and **J.A. Johnson** (2020). Fish diversity in streams/rivers of Kalakad-Mundanthurai Tiger Reserve, Tamil Nadu, India. *Journal of Threatened Taxa*, 12(15): 17077–17092.
19. Srinivas, Y., Anant Pande, Swapnali Gole, P.V.R. Prem Jothi, K. Madhu Magesh, Sameeha Pathan, Sohini Dudhat, Rukmini Shekar, Chinmaya Ghanekar, Devanshi Kukadia, **J.A. Johnson**, Samrat Mondol and K. Sivakumar (2020). Mitochondrial phylogeography reveals high haplotype diversity and unique genetic lineage in Indian dugongs (*Dugong dugon*). *Aquatic Conservation: Marine and Freshwater Ecosystem*, 2020: 1–12.
20. **Johnson, J.A.**, Watham, T., Gopi, G.V. and K. Sivakumar (2020). Development of habitat suitability criteria for conservation of the black-necked crane in Nyamjang Chu River in eastern Himalaya, India in connection with a proposed hydropower dam. *River Research and Applications*, 37(3): 321–329.
21. Nelms, S.E., Duncan, E.M., Patel, S. Badola, R., Bhola, Chakma, S., Chowdhury, G.W., Godley, B.J., Haque, A.B., **Johnson, J.A.**, Khatoon, H., Kumar, S., Napper, I., Hasan Niloy, M.N.H., Tanjila, A., Badola, S., Dev, D., Rawat, S., Santillo, D., Sarker, S., Sharma, E. and H. Koldewey (2020). Riverine plastic pollution from fisheries: Insights from the Ganges River system. *Science of the Total Environment*, <https://doi.org/10.1016/j.scitotenv.2020.143305>.
22. Ray, P., G. Malla, U. Manral, **J.A. Johnson** and K. Sivakumar (2020). Avifaunal diversity along the riverine habitats of Papikonda National Park, Andhra Pradesh, India. *Journal of Threatened Taxa*, 12(14): 16993–16999.
23. **Johnson, J.A.**, Sharma, A. Rajput, V. A., Dubey, V.K., and K. Sivakumar (2020). Taxonomic and guild structure of fish assemblages in the streams of Western Himalaya, India. *Community Ecology*, DOI 10.1007/s42974-020-00026-3.
24. De, K., S.Z. Ali, N. Dasgupta, V.P. Uniyal, **J.A. Johnson** and S.A. Hussain (2020). Evaluating performance of four species distribution models using Blue-tailed *Anax guttatus* (Insecta: Odonata) as model organism from the Gangetic riparian zone. *Journal of Threatened Taxa*, 12(14): 16962–16970.
25. Sharma, A., Dubey, V.K., **Johnson, J.A.**, Rawal, Y.K. and K. Sivakumar (2020). Is there always space at the top? Ensemble modelling reveals climate-driven high-altitude squeeze for the vulnerable snow trout *Schizothorax richardsonii* in Himalaya. *Ecological indicators*, [Doi.org/10.1016/j.ecolind.2020.106900](https://doi.org/10.1016/j.ecolind.2020.106900).
26. Bayyana, S., S. Pawar, S. Gole, S. Dudhat, A. Pande, D. Mitra, **J.A. Johnson** and K. Sivakumar (2020). Detection and mapping of seagrass meadows at Ritchie's archipelago using Sentinel 2A satellite imagery. *Current Sciences*, 118(8): 1275–1282.
27. Nishikant Gupta, Everard, M., Nautiyal, P., Kochhar, I., Sivakumar, K., **Johnson, J.A.** and A. Borgohain (2019). Potential impacts of non-native fish on the threatened mahseer (*Tor*) species of the Indian Himalayan biodiversity hotspot. *Aquatic Conservation: Marine and Freshwater Ecosystem*, 30(2): 394–401.
28. Nishikant Gupta, Tiwari, V., Everard, M., Savage, M., Hussain, S.A., Chadwick, M.A., **Johnson, J.A.**, Nawab, A., and V.K. Belwal (2020). Assessing the distribution status of otters in four rivers of Indian Himalayan biodiversity hotspot. *Aquatic Conservation: Marine and Freshwater Ecosystem*, 30(3): 601–610.
29. Sharma, A., V.K. Dubey, P. Nautiyal, **J.A. Johnson**, Y.K. Rawal and K. Sivakumar (2019) when nature decides who stays and who goes: Priority effects extirpating the non-native brown trout *Salmo trutta fario* L. population from a Himalayan river. *Current Sciences*, 117(2): 186–187.
30. Malla, G., Ray, P., **Johnson, J.A.** and K. Sivakumar (2019). First photographic record of Common Palm Civet *Paradoxurus hermaphroditus* from the mangroves of Andhra Pradesh, India. *Small Carnivore Conservation*, 57: 10–13.
31. Mungi, N.A., M. Kaushik, N.P. Mohanty, R. Rastogi and **J.A. Johnson** and Q. Qureshi (2019). Identifying knowledge gaps in the research and management of invasive species in India. *Biologia*, 74(6): 623–629.
32. Joshi, B.D., **J.A. Johnson**, S.P. Goyal, T. Negi and R.K. Negi (2018). Non-invasive sampling: reliable methods for DNA extraction and PCR amplification from a single scale of small Cyprinidae fish. *Zoology and Ecology*, 28(4): 425–428.
33. Negi, R.K., Joshi B.D., **Johnson J.A.**, Rahul De and S.P. Goyal (2018). Phylogeny of freshwater fish *Puntius sophore* in India. *Mitochondrial DNA Part A*, 29(2): 256–265.

34. **Johnson, J.A.**, K. Sivakumar and R. Jordan (2017). Ecological flow requirement for fishes of Godavari river: flow estimation using the PHABSIM method. *Current Sciences*, 113(11): 2187-2193.
35. Priyamvada, B., **J.A. Johnson** and K. Sivakumar (2017). Recent record of Hump-back dolphin (*Sousa chinensis* Osbeck, 1965) from coastal waters of Andhra Pradesh. *Indian Journal of Geo-Marine Sciences*, 46(10): 2152-2155.
36. Anant Pande, K. Sivakumar, S. Sathyakumar, R Suresh Kumar, **J. A. Johnson**, Samrat Mondol and V.B. Mathur (2017). Monitoring Wildlife and their Habitats in the Southern Ocean and Around Indian Research Stations in Antarctica, *Proc Indian Natn Sci Acad*, 83(2): 483-496.
37. Sharma, A., V. Rajput, V.K. Dubey, A. Dhanda, S. Thakur, **J.A. Johnson**, S. Sathyakumar and K. Sivakumar (2017). New distribution records of Elegant Water Shrew *Nectogale elegans* Milne-Edwards, 1870 (Mammalia: Eulipotyphla: Soricidae) from the western Himalaya, Uttarakhand, India. *Journal of Threatened Taxa*, 9(12): 11097–11099.
38. Negi R.K., Joshi B.D., **Johnson J.A.** and S.P. Goyal (2016). Identifying *Puntius* Species Using DNA Barcodes: Implication in Wildlife Forensics. *International Journal of Molecular Zoology*, 6(2): 1-5.
39. Nishikant Gupta, **J.A. Johnson**, K. Sivakumar and V.B. Mathur (2016). The perilous voyage of Indian Himalayan 'ambassadors' amidst anthropogenic pressures and changing climatic variables. *IUCN Otter Spec. Group Bull.* 33(1):33-36.
40. Sarkar, M.S., Ramesh, K., **Johnson, J.A.**, Sen, S., Nigam, P., Gupta, S.K. R.S. Murthy and G.K. Saha (2016). Movement and home range characteristics of reintroduced tiger (*Panthera tigris*) population in Panna Tiger Reserve, central India. *European Journal of Wildlife Research*, 62: 62(5): 537–547.
41. Joshi, K.K. K. Kannan, P.U. Zacharia, **J.A. Johnson** and Gimy George (2016). First record of *Pyramodon lindas* (Markle and Olney 1990) (Ophidiiforms: Carapidae) from Indian Seas. *Marine Biodiversity Records*, 9(45): 1-4.
42. Negi R.K., Joshi B.D., **Johnson J.A.** and S.P. Goyal (2016). Application of computational methods in fish species identification based on mitochondrial DNA sequences. *Current Science*, 110(11): 2172-2176.
43. Malla, G., P. Ray, P. Bagaria, K. Sivakumar, **J.A. Johnson**, G.V. Gopi, and P. Sathiyaselvam (2015). Does the Indian Skimmer *Rynchops albicollis* have a future in East Godavari district, Andhra Pradesh? *BirdingASIA*, 23(2015): 58–59.
44. Kartikeya Sharma, Nishikant Gupta, **J.A. Johnson** and K. Sivakumar (2015). 'Fish festivals' in the Garhwal Himalaya: conservation options amidst age-old practices. *Current Science*, 110(7): 1155 -1156.
45. Nishikant Gupta, Asha Rajvanshi, S. Sathyakumar, **J. A. Johnson**, K. Sivakumar, G. S. Rawat and Vinod B. Mathur (2015). Need for targeted education programme for preparedness and formulating adaptive strategies in the Indian Himalayan region. *Current Science*, 109(7): 1233-1234.
46. Ramesh, K. S.A. Cushman, M.S. Sarkar, M. Malviya, S. Moorthy, Naveen, **J.A. Johnson**, Subharanjan Sen (2016). Multi-scale prediction of landscape resistance for tiger dispersal in central India. *Landscape Ecology*, 31: 1355-1368.
47. Kannan, K., **Johnson, J.A.**, Kumar, A. and S.K. Gupta (2014). Mitochondrial DNA variation in the endangered fish *Dawkinsia tambraparniei* (Actinopterygii: Cypriniformes: Cyprinidae) from southern Western Ghats, India. *Acta Ichthyologica Piscatoria*, 44 (1): 3–8.
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