

CURRICULUM VITAE OF SMRITHY RAJ



- Name** : **SMRITHY RAJ**
- Date of Birth** : May, 09, 1983
- Nationality** : Indian
- Sex** : Male
- Present designations** : Research Scholar,
Department of Aquatic Biology and Fisheries,
University of Kerala.
- Address (Official)** : Department of Aquatic Biology and Fisheries,
University of Kerala, Kariavattom,
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Email: smrithyaqb@gmail.com; smrithyraj@keralauniversity.ac.in
- Educational Qualifications** : PhD Pursuing topic on **“survey and mapping of exotic freshwater flora and fauna of Kerala”**
(Aquatic Biology and Fisheries, University of Kerala)
MSc. Fishery Biology and Aquaculture, (Mahatma Gandhi University).
BSc. Aquaculture, Mahatma Gandhi University
- Earlier positions held** : **Senior Research Fellow**
(Department of Aquatic Biology and Fisheries University of Kerala) (3 years)
Junior Research Fellow
(Department of Aquatic Biology and Fisheries University of Kerala) (2 years)
Project Fellow
(Department of Aquatic Biology and Fisheries University of Kerala) (3 years)
- Teaching experience** : Assisted 5 year M.Scand M.Phil Dissertation (More than 15) in the Department of Aquatic Biology and Fisheries.
- Research experience/ contributions** : 10 years in the field of taxonomy (freshwater fish and crab, invasion biology, biodiversity documentation, molecular phylogeny)
Discovered and described 2 new genera and 8 new species of freshwater crabs from the Western Ghats
Submitted 40 mitochondrial DNA sequences in NCBI
- Awards and Fellowships** : Best Paper award in “International Conference on Aquatic Exotics: Trends, Challenges and Policies” from 28-30 March 2016, at Thiruvananthapuram, Kerala, India, in a paper entitled “Aquatic Exotics in the freshwater water bodies of Kerala India”.
- Professional Experience and Training** : Undergone training on the Taxonomy of Freshwater Carbs at National University of Singapore from November 13-22, 2017.
Attended National Workshop on Taxonomic Identification of

Fauna of Western Ghats organized by ZSI Regional centre Kozhikode from 5th to 9th February 2016.

Attended National Workshop on Integrative Taxonomy of Freshwater Fishes organized by Kerala University of Fisheries and Ocean Studies (KUFOS), Kochi from 2nd to 4th December 2015.

Participated in Training workshop on taxonomy of brachyuran crabs conducted by Department of Aquatic biology & Fisheries University of Kerala Trivandrum from January 9-11 2013.

- Overseas collaborations** : Faculty of Science, National University of Singapore.
- (Published works)** US Geological Survey, Wetland and Aquatic Research Centre USA.
- Research publications** : Peer reviewed journals: 12
Chapters in Books: 3
Presentation to conference and seminars: 5

Selected recent publications

1. **Smrithy Raj**, Biju Kumar. A. and Peter K. L. Ng (2017). A new species of freshwater crab of the genus *Oziotelphusa* Müller, 1887 (Crustacea: Decapoda: Brachyura: Gecarcinucidae) from Tamil Nadu, southern India. *Zootaxa*, 4363 (2): 225–236 (Impact factor: 0.931)
2. Biju Kumar, A., **Smrithy Raj** and Peter K. L. Ng (2017). Description of a new genus and new species of a fully arboreal crab (Decapoda: Brachyura: Gecarcinucidae) from the Western Ghats, India, with notes on the ecology of arboreal crabs. *Journal of Crustacean Biology*, 37(2), 157–167, doi:10.1093/jcbiol/rux012. (Impact Factor: 0.922)
3. Pati. S. K., Rajesh L., **Smrithy Raj**, Sheeja V.U., Biju Kumar A. and Sureshan P.M. (2017) Karkata, a new genus of gecarcinucid freshwater crab with two new species, and four new species of *Pilarta* Bahir and Yeo, 2007 and *Cylindrotelphusa* Alcock, 1909 (Decapoda: Brachyura) from Kerala, India, *Journal of Natural History*, 51:23-24, 1295-1330, DOI: 10.1080/00222933.2017.1324054 (Impact Factor: 0.875)
4. Biju Kumar A. and **Smrithy Raj** (2015) DNA barcoding and invading suckermouth sailfin catfish *Pterygoplichthys* (Siluriformes: Loricariidae) in India: issues with possible hybrids. *Genome* Vol. 58, 240. (Impact Factor: 1.356)
5. Bijukumar, A., **Smrithy Raj**, Sureshkumar U. and George S. (2015). Invasion of South American suckermouth armoured catfishes *Pterygoplichthys* spp. (Loricariidae) in Kerala, India - a case study. *Journal of Threatened Taxa* 7(3): 6987–6995; <http://dx.doi.org/10.11609/JoTT.o4133.6987-95>