

SOUMYA K. R.

**DST INSPIRE Fellow at the Department of
Aquatic Biology and Fisheries, University of
Kerala.**



PERSONAL PROFILE

- Date of Birth : 26.04.1995
- Marital Status : Married
- Nationality : Indian
- Known Languages: English, Malayalam, Tamil, Hindi.

PERMANENT ADDRESS

Sree
Kousthubham,
Kanniyampuram,
Ottapalam,
Palakkad,
Pin – 679104.

ADDRESS FOR COMMUNICATION

‘Anantha’,
A-39A, Elayil Road,
Menamkulam,
Kazhakuttom,
Thiruvananthapuram – 695582.

EDUCATION

- **Department of Aquatic Biology and Fisheries, University of Kerala**
M. Sc. Aquatic Biology and
Fisheries 82.35%
2018
- **University of Calicut**
B. Sc. Zoology
96%
2016

MASTER THESIS

**ETHOLOGICAL STUDIES ON SCYPHOZOAN JELLYFISHES, CRAMBIONELLA ORSINI
VANHOFFEN, 1888 AND ACROMITUS FLAGELLATUS (HAECKEL) (FAMILY:
CATOSTYLIDAE) IN CAPTIVITY**

CURRENT RESEARCH TOPIC (Ph. D Topic)

**BIODIVERSITY SURVEY OF THE HIDDEN FRESHWATER HABITATS OF THE SOUTHERN
WESTERN GHATS, WITH SPECIAL FOCUS ON ETHOLOGY OF THE PHYTOTELM-
INHABITING ARBOREAL CRAB KANI MARANJANDU, KUMAR, RAJ & NG, 2018.**

FELLOWSHIP FUNDING AGENCY

Department of Science and Technology (DST) - INSPIRE

RESEARCH INTERESTS

Animal Behaviour
documentation

Behavioral Ecology

Evolutionary Ethology

Conservation Behaviour

Field Ecology

TECHNICAL SKILLS

- Basics of computer applications, Ms word, Excel
- Photography
- Molecular techniques
- Microscopy
- Photoshop
- Field Ecology
- Behaviour documentation

PUBLICATIONS

- Soumya, K. R., Riyas, A. Mithun, S., and Biju Kumar, A. 2021. Ethological Studies on the Jellyfish, *Crambionella orsini* (Vanhöffen, 1888) (Scyphozoa: Catostylidae) in Captivity. *Journal of Aquatic Biology & Fisheries* 9:124-134.
- Soumya, K. R. and Kumar, A. B. 2023. Biodiversity Profile of Phytotelmata of the Southern Western Ghats, and use of the Tree Crab *Kani maranjandu* Kumar, Raj & Ng, 2017, as an Indicator of Ecosystem Health. *Records of the Zoological Survey of India* 123(iS2):613-624. DOI:10.26515/rzsi/v123/iS2/2023/172551. ISSN – 0375-1511.

PRESENTATIONS

- Soumya, K. R. and Kumar, A. B. The tree crab *Kani maranjandu* (Brachyura: Gecarcinucidae): An indicator of ecosystem health in the Western Ghats. Asia Consultative Workshop on Ecosystems and Nature Based Solutions organized by IUCN Commission on Ecosystem Management (CEM) and Kerala Forest Research Institute (KFRI). March 15-17, 2023; Thrissur, Kerala, India.
- Soumya, K. R. and Kumar, A. B. Biodiversity Profile of Phytotelmata of the Southern Western Ghats, and use of the Tree Crab *Kani maranjandu* Kumar, Raj & Ng, 2017, as an Indicator of Ecosystem Health. Animal Taxonomy Summit 2023: Commemorating 108 th Foundation Day of ZSI. July 1-3, 2023; Kolkata, West Bengal, India. *Records of the Zoological Survey of India, Zoological Survey of India.*

PARTICIPATIONS

- Participation in UGC sponsored National Seminar on 'Understanding Biodiversity : Progressand Problems', conducted during September 9-10, 2015, organized by Department of Zoology, NSSCollege, Palappuram, Ottapalam.
- Participation in UGC sponsored National Seminar on 'Understanding Biodiversity : Progressand Problems', conducted during September 9-10, 2015, organized by Department of Zoology, NSSCollege, Palappuram, Ottapalam.
- Participated on special symposium on 'Climate Change and Aquatic Ecosystems', organised by Department of Aquatic Biology and Fisheries, University of Kerala and Department of Environmental Sciences, University of Kerala on 23rd September, 2016.
- Participated in a workshop on Marine Biodiversity : Survey, Monitoring and Barcoding Methods', organized by ERUDITE - Kerala State Higher Education Council, in collaboration with Florida's Mueseumof Natural History, University of Florida, USA, on 29th November, 2016.
- Participated in 'Capacity Building Workshop on Animal Taxonomy' organized by Department of Aquatic Biology and Fisheries, University of Kerala and Kerala State Council for Science, Technology and Environment during 23-24 March, 2017.
- Participated in a National Workshop on 'DNA Sequencing And Analysis' organized by Department of Biotechnology, University of Kerala jointly with Inter University Centre for Genomics and Gene technology & The Central Laboratories for Instrumentation and Facilitation, University of Kerala conducted during December 2-7, 2019.
- Participated in a National Conference on 'Annual National Conference on Sustainable Ecosystems, Aquaculture, Fisheries and Fisherfolk (ANCOSEAFF, 2019)' organised by Department of Aquatic Biology and Fisheries, University of Kerala from 9-10 January, 2020.
- Participated in an 'International Conference on "Rivers for Future" (RFF-2020), organized by Department of Aquatic Biology and Fisheries, University of Kerala jointly with Centre for Innovation in Science and Social Action (CISSA) from 5-7 February, 2020.
- Participated in 'Two Weeks Workshop on Research Methodology' organized by School of Life Sciences, University of Kerala from 1-13 November, 2020.
- Participated in an 'International Webinar on Sustainable Marine Fisheries and Aquaculture: Policies, Packages and Perspectives in Blue Economy Paradigm (SMART P3BLUEECO-2021), organized by Department of Aquatic Biology, University of Kerala, and supported by Shastri Indo-Canadian Institute, Golden Jubilee Conference and Lecture Series Grant (GJCLSG) from 12-13 March 2021.

- Participated in an ‘International Webinar on Conservation of Life Below Water (COLIBA), organized by Department of Aquatic Biology and Fisheries, University of Kerala, from March 18-20, 2021.
- Participated in a webinar on ‘Biodiversity and Health’, organized by International Biodiversity Congress (IBC), Centre for Innovation in Science and Social Action (CISSA) Navdanya and Department of Aquatic Biology and Fisheries, University of Kerala on 22 May, 2021

TRAINING PROGRAMMES

Obtained training in Molecular techniques and Molecular software applications from a short term training program named 'Molecular Analysis of DNA & RNA by Semi-quantitative and Real Time PCR methods' organised by SCMS Institute of Bioscience & Biotechnology Research & Development (SIBBR & D) and funded by Department of Biotechnology (DBT).

Completed a ‘Certificate Course in Geographic Information system’, organized by Institute of Biodiversity Conservation and Training, Bengaluru, India from 28-29 March, 2020.

ACHIEVEMENTS & AWARDS

Secured First Rank in M.Sc. Aquatic Biology and Fisheries from University of Kerala.

Qualified GATE Life Science, 2019.

DECLARATION

I hereby declare that all the details provided here are true to the best of my knowledge and belief.

Date : 01.01.2024

Place : Thiruvananthapuram

Soumya K R

