

General Information			
Name	Sreeja, V.		
Address	Mannoor Kizhakketharayil, Menampally, Mukundapuram P. O., Chavara, kollam-691585, Kerala, India.		
Mobile Number	8921865124, 9446673197		
Email	sreejaaqb@gmail.com		
Designation	Assistant professor, Department of Zoology, MM NSS College, Kottiyam, Kollam, Kerala, India.		
Employment history	Guest Lecturer- 2 years, Department of Zoology, Christian College, Chengannur-689122, Kerala, India. Permanent Post Date of Joining (07-12-2015), Assistant Professor, Department of Zoology, MM NSS College, Kollam.		
Area of Specialisation	Taxonomy- Octopus Taxonomy		
Academic background			
Degree	Name of discipline	Institution	% of marks and Year of passing
B.Sc	Zoology	Devaswom Board College, Sasthamcottah, Kollam	80.5, Apr - 2004
M.Sc	Zoology	N. S. S. College, Pandalam, Pathanamthitta	82.22, Apr – 2006 (Second rank)
B. Ed	Natural Science	B. Ed Centre, Kulakkada, Kollam	80.3, Apr- 2007
PhD	Aquatic Biology and Fisheries	Department of Aquatic Biology and Fisheries, University of Kerala, Thiruvananthapuram	12/02/2014
Diploma in computer applications			
Publications			
Papers Published in Journals			
1. V. Sreeja., A. Biju Kumar and Mark D. Norman (2012). First report of <i>Amphioctopus neglectus</i> (Nateewathana and Norman, 1999) and <i>A. rex</i> (Nateewathana and Norman, 1999)			

(Mollusca: Cephalopoda) from the Indian coast. *Journal of Molluscan Research*, 32(1): 43–49. (ISSN 1323-5818)

2. **Sreeja, V.**, K. Anushma and A. Biju Kumar, A. (2012). Embryonic development of *Amphioctopus marginatus* (Taki) (Mollusca: Octopodidae) in captivity. *Journal of Aquatic Biology & Fisheries*, 1 (1 & 2): 188-193. (ISSN 2321-340X).
3. **Sreeja, V.** and A. Biju Kumar (2013). Cephalopod Resources of India: Diversity, Status and Utilization. *Science Chronicle*, 2 (1&2): 168-174. (ISSN: 2319-6955)
4. **Sreeja, V.** and A. Biju Kumar (2013). Ethological studies of the Veined Octopus *Amphioctopus marginatus* (Taki) (Cephalopoda: Octopodidae) in captivity, Kerala, India. *Journal of Threatened Taxa*, 5(10): 4492–4497; <http://dx.doi.org/10.11609/JoTT.o3256.4492-7>.
5. **V. Sreeja.** and M. G. Sanalkumar (2015). Haematological effect of Methyl parathion and Neem leaf extract on *Rana hexadactyla* Lesson. *Science Chronicle*, 4 (1 & 2): 39–48. (ISSN: 2319-6955).
6. **V. Sreeja.**, Mark D. Norman; A. Biju Kumar (2015). A new species of pouched octopus, *Cistopus* Gray, 1849 (Cephalopoda: Octopodidae) from the southwest coast of India *Zootaxa* 4058 (2): 244–256 <http://dx.doi.org/10.11646/zootaxa.4058.2.6>.
7. **V. Sreeja.**, A. Biju Kumar and Mark D. Norman (2015). First report of *Cistopus taiwanicus* liao and lu, 2009 (cephalopoda: octopodidae) from the indian coast. *Journal of Aquatic Biology & Fisheries* | Vol. 3 | 2015 | pp. 43-49 ISSN 2321–340X.

Chapter in Book

1. **Sreeja, V.** and Biju Kumar, A. (2012). Taxonomy and diversity of Octopuses (Mollusca: Cephalopoda) along the Kerala coast, India. In: *Biodiversity Documentation and Taxonomy*, (A. Biju Kumar, M. P. Nayar, R. V. Varma and C. K. Peethambaran, Eds.), Narendra Publishing House, Delhi, pp. 329-333.
2. Manoj Kripakaran *et al* (2020). Diversity and Richness of Ant Species on the banks of river Varattar, Kerala. In: *Perspectives on Biodiversity of India Vol.IV* pp: 173-175 (A. Biju Kumar, Chief Editor.)

Papers presented in National and International Seminars

1. **Sreeja V.** and A. Biju Kumar (2010). Ethological studies on veined octopus *Amphioctopus marginatus* (Taki) in captivity. Paper presented in ECEODE-2010. 34th Annual Conference of ethological Society of India and Colloquium on Ethology from Organism Down to Ethobiomolecules during 16-19 December 2010 at Centre for Arthropod Biodiversity, University of Kerala, Thiruvananthapuram.
2. **Sreeja V.** and A. Biju Kumar (2011). Behaviour and embryonic development of *Amphioctopus marginatus* (Taki) (Mollusca: Octopodidae) in captivity. National Seminar on Emerging Trends in Biodiversity Conservation and Sustainable Management, 25-26 August 2011, Christian College, Chengannur.
3. Biju Kumar, A., **V. Sreeja.**, G. Sanil and U. Sureshkumar (2011). Revisit to the taxonomy of octopuses (Mollusca: Cephalopoda) in Indian Coastal waters through DNA barcoding. Fourth International Barcode of Life, Adelaide, Australia, 2011 December.
4. **Sreeja V.** and Biju Kumar A 2010. Taxonomy and Diversity of Octopuses (Mollusca: Cephalopoda) along the Kerala coast. First Indian Biodiversity Congress, 27-30 December

2010, Thiruvananthapuram.

5. **Sreeja V.** and Biju Kumar A 2013. Embryonic development of *Amphioctopus marginatus* (Taki) (Mollusca: Octopodidae). National Seminar on Emerging Trends in Indian Aquaculture, 28-30 March 2013, Department of Aquatic Biology and Fisheries, University of Kerala.
6. **Sreeja V** presented a paper in the national seminar on “Wetland Conservation” Recent Trends in Wetland Pollution Studies using Bio monitoring Protocol held at Postgraduate Department of Zoology N SS College Pandalam 22-24 February 2016
7. **Sreeja V (2017)** presented a paper “Documentation Cephalopod Diversity on Kerala Coast” in the two day workshop on Coastal and Marine Biodiversity Documentation organized by Department of Aquatic Biology and Fisheries, University of Kerala and KSCSTE during 25-28 march 2017.
8. **Sreeja V** has Associated with Talent hunt Shastrajalakam as Resource Person held on 26-28 October 2018 at M M N s s Collehe Kottiyam organized by SIET Kerala.
9. Sreeja V (2023) Presented a paper on “Comparative study on the radular Morphology of Five genus of Octopuses of Kerala coast” in the international Conference on Recent Advances in Animal Biology and Conservation sponsored by the Directorate of Collegiate Education 19-21 December 2023.

Popular Article

Biju Kumar, A., Achuthsankar S. Nair and **V. Sreeja** (2011). Spotlight on Paul and Bad Light on Science!. *Biolixir*, 1: 20-22.

Research work

Cephalopods, the most innovatively adapted invertebrates, representing phylum Mollusca and class Cephalopoda are distributed across the marine habitats of the world. Class Cephalopoda include two subclasses, Coleoidea (cuttlefishes, squids and Octopuses) and Nautiloidea (Nautilus). Cephalopods for the taxonomic study were collected during November 2008-December 2012 from various fishing harbours of Kerala coast. Diversity of cephalopods of Kerala coast during the study include 55 species, classified under 4 orders, 7 families and 15 genera comprising of 12 sepiids, 3 sepiolids, 8 myopsid squids, 2 oegopsid squids, 29 octopods and one Ram’s horn squid. The most species-rich order was Octopoda (29 species) followed by Sepiida (15 species) and Teuthida (10 species). The species rich-family was Octopodidae (29 species) followed by Sepiidae (12 species) and Loliginidae (8 species). Molecular studies confirmed the genetic variation of several newly described species. Results of the study showed that diversity of cephalopods is high in the coastal waters of Kerala. In the present study, DNA barcoding of 16 species of octopods were carried out by sequencing the mitochondrial cytochrome oxidase I (COI) gene.

Ten species of cephalopods recorded were new to science. They include one new species of bobtail squid, 4 new species of *Amphioctopus*, one new species of *Callistoctopus*, one new species of *Cistopus* and 3 new species of *Octopus*.

Further studies are required to solve the existing taxonomic ambiguities, especially to identify the cryptic species and to understand possible species complexes.