

# Johny Kumar Tagore, PhD.

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## Education

- **Ph D** (2018) in Botany, St. Joseph's College, Bharathidasan University, Trichy, TN, India.
- **TNSET** (2016) conducted by Mother Teresa Women's University, Kodaikanal, TN, India.
- **M Phil** (2008) in Botany, Periyar University, Salem, TN, India.
- **M Sc** (2005) in Botany, St. Joseph's College, Bharathidasan University, Trichy, TN, India.
- **B Sc** (2003) in Botany, St. Joseph's College, Bharathidasan University, Trichy, TN, India.

## Research Experience

- **Junior and Senior Research Fellow** in one of the world's leading Botanical Institutes – the Botanical Survey of India. The project titled **Quantitative Assessment and Mapping of Plant Resources of Andaman and Nicobar Islands** involved extensive forest field surveys all through the Andaman Islands. Application of GPS and GIS profiling of forest landscape and studies majorly on Ecology, Taxonomy and Population Dynamics were conducted. The study also involved collection, preservation and mounting of herbarium of plant specimens from various parts of the Island. (April 2011 to December 2012; January 2014 to March 2015)
- **Project Assistant** at the Department of Botany, St. Joseph's College, Tiruchirappalli, India on the project titled **Geospatial Modelling of Ecological Niche and Distribution of Some Threatened Species in Eastern Ghats of Tamil Nadu** which involved extensive field surveys all through the forests of Eastern Ghats of Tamil Nadu studies focusing majorly on Ecology, Taxonomy, and GIS profiling of landscape (January 2013 to December 2013).

## Teaching Experience

- Assistant Professor, PG and Research Department of Botany, St. Joseph's College (Autonomous), Trichy, Tamil Nadu – 620002 (**Period**: Since June, 2018).
- Assistant Professor, PG and Research Department of Botany, JJ College of Arts and Science (Autonomous), Sivapuram, Pudukkottai, Tamil Nadu – 622422 (**Period**: July, 2017 to May, 2018).

## Publications

1. **Johny Kumar Tagore**, Ponnaiah Jansirani and Sebastian Soosairaj (2019) A report on additions to the flora of Andaman & Nicobar Islands, India. *Journal of Threatened Taxa* 11(8).
2. P. Jansirani, S. Karthikeyan and Johny Kumar Tagore (2018) Medicinal Plants Used for Fertility and Menstrual Disorders by the Women Belonging to the Nilgiris Tribe Community of Southern India. *International Journal of Scientific Research and Reviews* 7(4):601-608.
3. P. Raja, S. Soosairaj, N. Dhatchanamoorthy and **Johny Kumar Tagore** (2017) *Derris gamblei* sp. nov. (Leguminosae) from Tamil Nadu, India. *Nordic Journal of Botany* 35 (4), 423-425.
4. **Johny Kumar Tagore**, P. Murugan and Sebastian Soosairaj (2017) *Heterotis rotundifolia* (Sm.) Jacq.-Fél. (Melastomataceae) A New Record for Andaman and Nicobar Islands, India. *The Indian Forester* 143(3):284-285.
5. P. Raja, S. Soosairaj, N. Dhatchanamoorthy, **Johny Kumar Tagore** and A. Kala (2016) *Scleria tessellata* (Cyperaceae) New Record for Tamil Nadu, India. *Journal of Economic and Taxonomic Botany* 40 (1-2), 59-61.
6. **Johny Kumar Tagore**, Sebastian Soosairaj, M Venkat Ramana, M Sanjappa, K.N. Ganeshaiah (2016) Status assessment of the Saddlepeak Dewflower (*Murdannia saddlepeakensis* Ramana & Nandikar: Commelinaceae): an endemic spiderwort plant of Andaman Islands, India. *Journal of Threatened Taxa* 8(14):9643–9647.
7. Sebastian Soosairaj, P. Raja, **Johny Kumar Tagore**, N. Dhatchanamoorthy (2016) *Adiantum latifolium* (Pteridaceae): A New Record to Eastern Ghats from Tamil Nadu, India. *Journal of the Andaman Science Association*, 21(2):199-201
8. Rathinam Sathiyaseelan, **Johny Kumar Tagore**, Sebastian Soosairaj (2016) Composite aster *Inula* L. (Asteraceae): a new generic record for Nicobar Islands, India. *Journal of Threatened Taxa* 8(13):9584–9585.
9. **Johny Kumar Tagore**, Sebastian Soosairaj, Rathinam Sathiyaseelan and Prakasam Raja (2015) Two Lamiaceae Members Additions to Flora of Andaman and Nicobar Islands. *Journal of Andaman Science Association* 20(2): 145–147.
10. P. Murugan, **Johny Kumar Tagore** and Thomas K. Varghese (2015) Recollection of *Drimycarpus racemosus* (Anacardiaceae) from Andaman and Nicobar Islands, India. *Indian Journal of Forestry* 38(3): 285–286.
11. **Johny Kumar Tagore**, Sebastian Soosairaj, M. Venkat Ramana, R. Sathiyaseelan, M. Sanjappa and K. N. Ganeshaiah (2015) Status assessment of *Centotheca ganeshaiahiana* (Poaceae), an endemic of Saddle Peak National Park, Andaman and Nicobar Islands, India.

*Asian Journal of Plant Science and Research* 5(11):16–20.

12. P. Raja, S. Soosairaj, N. Dhatchanamoorthy and **Johny Kumar Tagore** (2015) Floristic composition of aquatic angiosperms in different wetlands of Pudukkottai district of Tamil Nadu, India. *Asian Journal of Plant Science and Research* 5(12):6–12.
13. P. Murugan, **Johny Kumar Tagore**, S. Aron and S. Prabhu (2015) *Deeringia* R. BR. (Amaranthaceae) - A Generic Record for Andaman and Nicobar Islands, India. *Journal of Andaman Science Association* 20(1):59–62.
14. M. Venkat Ramana, Mayur Nandikar, R.V. Gurav, **Johny Kumar Tagore**, and M. Sanjappa (2013) *Murdannia saddlepeakensis* (Commelinaceae) – a new species from Andaman and Nicobar Islands, India. *PhytoKeys*. 20:9–15.
15. Alok Choarge, J. Swamy, **Johny Kumar Tagore**, M. Venkat Ramana and P.V. Prasanna (2013) *Ichnanthus pallens* (Poaceae) – New Record for India from Andaman and Nicobar Islands. *Indian Journal of Forestry* 36(1):79–82.
16. M. Venkat Ramana, J. Swamy and **Johny Kumar Tagore**. (2013) *Dendrolobium triangulare* (Retz.) Schindl., and *Vigna vexillata* (L.) A. Rich. (Leguminosae-Faboideae), New Distributional Records to the Flora of Andaman and Nicobar Islands. *Journal of Economic and Taxonomic Botany* 36(4):840–842.
17. M. Venkat Ramana, **Johny Kumar Tagore** and Avishek Bhattacharjee (2012) Report of two medicinal and aromatic gingers from Andaman and Nicobar Islands, India. *Journal of Threatened Taxa* 4(5): 2582–2586.

#### **Oral and Posters Presented in Conference**

- **Invading Mars: Who Could Be Our Foot-soldiers**  
Poster presented at the International Conference on ‘Sustainable Utilization, Management and Conservation of Bioresources’ held at St. Joseph’s College, Tiruchirappalli, Tamilnadu. 10–11 January 2013.
- **Zingiberaceae of Andaman and Nicobar Islands and its Ex-situ Conservation**  
Oral presentation at the International Conference on ‘Sustainable Utilization, Management and Conservation of Bioresources’ held at St. Joseph’s College, Tiruchirappalli, Tamilnadu. 10–11 January 2013.
- **Rediscovery and New Distributional Records for Andaman and Nicobar Islands and India from North Andaman Islands**  
Oral presentation at the 21st Annual Conference of ‘Indian Association for Angiosperm Taxonomy’ and National Seminar on ‘Biodiversity Conservation and Climate Change’ held at CSIR-IMMT, Bhubaneswar, Odisha. 2–4 December 2011.

### Non-Graded Laboratory Courses / Workshops

- **Techniques in Tissue Culture and Histochemistry** (2004) at St. Joseph's College, TN, India.
- Was selected among 25 candidates to participate in MHRD Sponsored National Training Programme on **Mangrove Biodiversity** organized CAS-Marine Biology, Annamalai University, TN, India. (3rd March 2016)
- Was selected among 100 candidates to participate in Science Academies' Lecture Workshop on **Bioprospecting and Biorecources** organized by PG and Research Department of Botany, St. Joseph's College, Tiruchirappalli, TN, India. (10–12 February 2016)
- Was selected among 100 candidates to participate in Science Academies' Lecture Workshop on **Floristic Diversity and its Conservation** organized by PG and Research Department of Botany, Vivekanandha College of Arts and Sciences for Women (Autonomous), Tiruchengode, TN, India. (5–7 January 2017)
- Was selected among 50 candidates to participate in DST-Sponsored National Workshop on **Data Science Research - Biological Data Management** organized by the Department of Botany, Jamal Mohamed College, Tiruchirappalli, TN, India. (23–25 January 2017)
- Was selected among 20 candidates to participate in the **NRCBS Winter School on Contemporary Ecological Issues** organized by the School of Biological Sciences, Madurai Kamaraj University, Madurai, TN, India. (15–28 February 2017)

### Fellowships, Honours and Achievements

- Recipient of **Junior Research Fellowship** from the **Department of Biotechnology**, Government of India, New Delhi, India. (April 2011 to December 2012; January 2014 to May 2014)
- Recipient of **Senior Research Fellowship** from the **Department of Biotechnology**, Government of India, New Delhi, India. (June 2014 to March 2015)
- A **photograph** of Andaman and Nicobar Landscape taken by me was selected and published in the **Tamil Nadu State Textbook**. (Page number 119: <http://www.textbooksonline.tn.nic.in/Books/Std10/Std10-SocSci-EM.pdf>)

### Academic Projects

- **Status Assessment of Plants Endemic to Saddle Peak National Park of Andaman Islands** (2016) done for my Ph D thesis where assessment of threat status of 25 plants endemic to the Saddle Peak National Park using the IUCN Categories and Criteria was performed.
- **Preliminary Survey on Phyllosphere Pathology in Pacchaimalai Hills, Eastern Ghats** (2008) was conducted for M Phil to study various infections on the canopy cover of the forest of Pacchaimalai Hills of the Eastern Ghats.

- **Micropropagation of *Premna integrifolia* (L.) through nodal explants** (2005) was carried-out in M Sc using the *in vitro* propagation of this rare medicinal plant through tissue culture techniques.

### **List of Selected Technical Skills**

- **Mapping:** Mapping of species using GIS and GPS and geospatial modelling and ecological niche analysis.
- **Threat Assessment and Conservation Status:** Application of IUCN Categories and Criteria in assessing the threat category of a species using various analytical methods such as EOO, AOO, population size, etc.
- **Microbiology and Tissue Culture:** Preparation and standardisation of medium, inoculation, microbial culture. Callus culture, *in vitro* propagation of explants, hardening.

### **Others**

- Production Associate at Cepha Imaging Private Limited, Bangalore. (Oct-2005 to Mar-2011)
- PG Diploma in Effective Communication from Joseph's Institute of Management, Tiruchirappalli. (2004–2005)

### **Personal Information**

Date of Birth: 05-11-1978  
Father: Amalraj, P.  
Marital Status: Married  
Nationality: Indian  
Languages known: English, Tamil, Hindi\* and Kannada\*  
(\*to Speak)

### **Reference**

- **Dr. S. Soosairaj**, Assistant Professor, St. Joseph's College, Tiruchirappalli, TN, India.  
@: [pspsosai@yahoo.co.in](mailto:pspsosai@yahoo.co.in), ☎: +91-97501-24125.
- **Dr. M. Sanjappa**, Director (Retired), Botanical Survey of India, Kolkata and INSA Scientist, Botanical Gardens, GKVK-UAS, Bangalore, Karnataka, India.  
@: [sanjappam@ymail.com](mailto:sanjappam@ymail.com), ☎: +91-99720-35160.
- **Dr. K.N. Ganeshiah**, Professor and Head, Department of Forestry and Environmental Sciences and School of Ecology and Conservation, GKVK-UAS, Bangalore, Karnataka, India.  
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Place:

Date :

**J.K. Tagore**