

## Department of Botany Research Publications

### Dr. Maya C. Nair

1. Aswani, V. J., Rekha Vasudevan, A., Arabhi, P., Jabeena, M. K., Jisha, K and Maya C. Nair. 2020. Record of *Oldenlandia hygrophila* Bremek. (Spermacoaceae: Rubiaceae), a lesser known herb from Palghat Gap of Western Ghats, Kerala, India. *J. of Threatened Taxa* 12 (3): 15400–15404. DOI: [10.11609/jott.5673.12.3.15400-15404](https://doi.org/10.11609/jott.5673.12.3.15400-15404) ISSN 0974-7907 (Online) | ISSN 0974-7893 (Print).
2. Arabhi, P. and Maya C. Nair. 2019. Seasonal vegetation shift and wetland dynamics in vulnerable granitic rocky outcrops of Palghat Gap of southern Western Ghats, Kerala, India. *J. of Threatened Taxa*. 11(12): 14518-14526. DOI: [10.11609/jott.4732.11.12.14518-14526](https://doi.org/10.11609/jott.4732.11.12.14518-14526) ISSN 0974-7907 (Online) | ISSN 0974-7893 (Print).
3. L. T. Ellis, L. A. Almeida, D. F. Peralta, M. Bačkor, E. Z. Baisheva, H. Bednarek-Ochyra, M. Burghardt, I. V. Czernyadjeva, S. S. Kholod, A. D. Potemkin, A. Erdağ, M. Kırmacı, V. E. Fedosov, M. S. Ignatov, D. E. Koltysheva, J. R. Flores, E. Fuertes, M. Goga, S.-L. Guo, W. K. Hofbauer, M. Kurzthaler, H. Kürschner, O. I. Kuznetsova, M. Lebouvier, D. G. Long, Yu. S. Mamontov, K. M. Manjula, C. N. Manju, B. Mufeed, F. Müller, M. C. Nair, M. Nobis, N. Norhazrina, M. Aisyah, G. E. Lee, M. Philippe, D. A. Philippov, V. Plášek, Z. Komínková, R. D. Porley, Yu. A. Rebriev, M. S. Sabovljević, A. M. de Souza, E. B. Valente, D. Spitale, P. Srivastava, V. Sahu, A. K. Asthana, S. Ștefănuț, G. M. Suárez, A. A. Vilnet, K.-Y. Yao & J.- Ch. Zhao 2019 : New national and regional bryophyte records, 59, *Journal of Bryology*, DOI:10.1080/03736687.2019.1613112 (15. K. M. Manjula, C. N. Manju and Maya C. Nair. *Fissidens brevinervis* Broth. India. Western Himalayas, Uttarakhand, Dehradun district, Rishikesh). 0373-6687 (Print) 1743-2820 (Online)
4. Soumya, M and Maya C. Nair. 2019. The Nepal Pipewort *Eriocaulon nepalense* var. *luzulifolium* (Commelinids: Poales: Eriocaulaceae): a new distribution record for southern India. *J. of Threatened Taxa*. 11(6): 13811-13814. DOI: [10.11609/jott.4759.11.6.13811-13814](https://doi.org/10.11609/jott.4759.11.6.13811-13814) ISSN 0974-7907 (Online) | ISSN 0974-7893 (Print).
5. Rekha Vasudevan, A., Soumya, M and Maya C. Nair. 2018. Distribution profile of angiosperms across elevation discontinuity of Palghat Gap in southern Western Ghats. *Scientia* 14(1): pp.9-14. ISSN: 0976-8289. (Published in 2019)
6. Jisha, K and Maya C. Nair. 2018. Diversity analysis of angiosperms in the riparian system along Thuppanadu river, Southern Western Ghats, Kerala, India. *Int. J. Adv. Res.* 6(9): 531-539. ISSN: 2320-5407 DOI:10.21474/IJAR01/7707.
7. Vannaratta Veetil Naveen Kumar, Konickal Mambetta Prabhukumar, Raveendran Jagadeesan, Cherupoyilath Mana Harinarayanan, Maya C. Nair & Indira Balachandran. 2018. *Utricularia sunilii* (Lentibulariaceae), a striking new species from southern Western Ghats, Kerala, India. *Phytotaxa*. 371 (2): 140–144. ISSN 1179-3155 (print) ISSN 1179-3163(online) <https://doi.org/10.11646/phytotaxa.371.2.9> (IF: 1.185)
8. Arabhi, P., Amrutha, M. A and Maya C. Nair. 2018. Microhabitat Diversity and distribution of angiosperms in selected granitic hillocks of Palghat gap of southern Western Ghats. *Trends in Biosciences* 11(7), 1348-1359. ISSN 0974-8431.

9. Jisha, K., Shanid, M.M.I and Maya C. Nair. 2018. Angiosperm diversity and phytogeographical affinities of riparian vegetation along Kanjirapuzha basin, Kerala, India. *Trends in Biosciences* 11(7), 1102-1107. ISSN 0974-8431.
10. Rekha Vasudevan A. and Maya C. Nair. 2018. Angiosperm diversity with elevation gradients in a semi-evergreen forest tract of Dhoni hills of Southern Western Ghats - A case study. *Trends in Biosciences* 11(7), 1545-1552. ISSN 0974-8431.
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15. V.S. Anil Kumar, Maya C. Nair, Soumya. M. & K. Murugan. 2015. Taxonomic delineation of *Solanum exarmatum*, a new species from *Solanum capsicoides* All. in Southern Western Ghats, Kerala, India. *Phytotaxa* 221 (3): 295–300. doi.org/10.11646/phytotaxa.221.3.7. ISSN 1179-3155 (print) ISSN 1179-3163(online).
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18. Sojan Jose, Maya C. Nair, K. M. Prabhukumar, V. V. Asha, R. Prakash Kumar, P. V. Madhusoodanan and V. Suresh. 2015. *Oldenlandia dineshii* (Rubiaceae: Spermacoceae), a new species from the Palakkad Gap region of Western Ghats, India. *Kew Bulletin* 70(13);1-5. DOI 10.1007/S12225-015-9564-Y. ISSN: 0075-5974 (print) ISSN: 1874-933X (electronic) IF: 0.655
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## **Dr. Rasmi A R**

1. **Rasmi A R**, Suresh V, John Tom, Navya T , Midhun M. , Irfana MA , Athira M P, Athira P R , Divya P K, Anju P K and Ashfak Ahammed. 2021. Floristic Diversity of Flood Affected Kunthipuzha Riparian Basin, Thathengalam, Palakkad, District, Kerala. *Indian Journal of Natural Sciences*. 11 (64). 29298-29306.
2. Ashfak Ahammed O. Usman A., **Rasmi A.R.** 2020. A Primary Study for Checking the Occurrence of Plant Parasitic Nematodes with the Crop Banana at Agricultural Areas of Palakkad Taluk, India. *Journal of Botanical Research* 2 (3): 20-27. DOI: <https://doi.org/10.30564/jrb.v2i3.2085>
3. Ashfak A. Odala, **Rasmi A. Ramanathan**, Usman Arerath. 2020. Plant parasitic nematode communities associated with the crop banana (*Musa* spp.) at Attappady Tribal hill area, India. *Notulae Scientia Biologicae* 12 (3):608-618. DOI:10.15835/nsb12310770.
4. **Rasmi A R** Akhila S, Gowthami, Ashfak Ahammed O. 2020. Diversity and antifungal activity of fungal endophytes isolated from *Cinnomum verum* J. Presl. *International Journal of Botany Studies* 5 (5):421-428
5. Snehalatha V R and **A.R. Rasmi** 2019. Pharmacological efficacy of leaves of *Syzygium palghatense* Gamble (Myrtaceae) endemic to Palakkad District, Kerala” Abstract: 31<sup>st</sup> Kerala Science Congress, held at Fatima Mata National College, Kollam. Organized by KSCSTE and Jawaharlal Nehru Tropical Botanic Garden and Research Institute from 2<sup>nd</sup> and 3<sup>rd</sup> February 2019. Pp.192.
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9. Ashfak Ahammed O., **Rasmi A.R.** and Usman A 2019. Diversity analysis at banana fields of Palghat gap in the Western Ghats for Bio management research on plant parasitic nematodes. National Conference on Future India-Science and Technology: Research Innovations in Biology. 14<sup>th</sup> & 15<sup>th</sup> of February 2019, jointly organized by Dept. of Biotechnology, JAIN deemed to be University & Indian Science Congress Association, Bangalore Chapter. Souvenir Book Pp. 44.
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21. **Rasmi A R.**, Ambili V G & Rajeeswari B. 2010. Evaluation of Botanicals on *Ganoderma lucidum* causing basal stem rot of coconut Abstracts: Indian Phytopathological Society (Southern Zone) Symposium on “Changing plant disease scenario in relation to climate change” 22–23 October, 2010, at IISR, Calicut. Pp.70.
22. **Rasmi, A.R.** and Rohini Iyer. 2010. Bud rot disease of coconut: An overview – *Indian Coconut J.* 52 (10):7-13. ISSN 0970-0579.
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### **Dr. Suresh V**

1. Manoharan, Maya Ammathil, Konickal Mambetta Prabhukumar, Sujana K. Arjunan, Sojan Jose, and **Suresh Veerankutty.** *Elaeocarpus gadgilii* (Elaeocarpaceae), a new species from Western Ghats (India). *Phytotaxa* 489, no. 1 (2021): 87-93.
2. Arya, S., **Suresh, V.**, Biju, P., Vishnu, W. K., & Anilkumar, V. S. (2020). *Ludwigia venugopalanii* (Onagraceae), a striking apetalous species from Kerala, India. *Phytotaxa*, 474(2), 191-196.
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5. Soumya M, Sojan Jose, **Suresh V.** and, Maya C N. (2017) *Oldenlandia vasudevani* (Spermacoceae, Rubiaceae) a new species from the Southern Western Ghats, India. *Phytotaxa* 305(1)41-46
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7. **Suresh, V.**, Krishnakumar, K. A., & Asha, V. V. (2015). A new fluorescent based

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8. **Suresh, V.**, Sojan, J., Radhika, N. K., & Asha, V. V. (2014). Anti-HBV activity of the different extracts from *Phyllanthus rheedii* Wight in cell culture based assay systems. *Journal of ethnopharmacology*, 156, 309-315.
  9. Sojan Jose; **V. Suresh**; R. Prakash Kumar and P. V. Madhusoodanan *Dipcadi montanum* (Dalzell) Baker. An Addition to the Flora of Kerala, India. *J. Bombay Nat. Hist. Soc.*, 110(3), Sept-Dec 2013
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  12. **Suresh, V.**, Sruthi, V., Padmaja, B., Asha, V.V., 2011. In vitro anti-inflammatory and anti-cancer activities of *Cuscuta reflexa* Roxb. *Journal of Ethnopharmacology* 134, 872-877.
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### **Dr. Sajitha Menon K.**

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