



St. Thomas College
Kozhencherry
Reaccredited by NAAC with A Grade(3rd Cycle)



Name	Dr. Lini K. Mathew
Qualification	M. Sc., M. Phil., Ph. D.
Designation	Assistant Professor
Department	Botany

Publications

Book “ 4

1. Lini K. Mathew, 2018. Meliolaceous fungi in Malabar Wildlife Sanctuary, International Research Institute for Science & Publications, Kerala ISBN : 978-81-939487-0-5

2. Lini K. Mathew, 2018. Asterinaceous fungi in Malabar Wildlife Sanctuary, International Research Institute for Science & Publications, Kerala ISBN : 978-81-939487-1-2

3. Lini K. Mathew, 2018. Shiffnerulaceous fungi in Malabar Wildlife Sanctuary, International Research Institute for Science & Publications, Kerala ISBN : 978-81-939487-2-9

4. Jacob Thomas and Lini K. Mathew, 2020. Black Mildew fungi in Shendhuruny Wildlife Sanctuary, International Research Institute for Science & Publications, Kerala ISBN: 978-81-939487-3-6)

Book Chapter “ 1

5. Jacob Thomas and Lini K. Mathew, 2016. Fungi and Forest: Importance of Tropical Rainforests in Western Ghats in Western Ghats “ from Ecology to Economy, (Ed. Shanavas P.H., Sumesh A.K and Harish P.M.), Education Publishing, New Delhi, Pp.60-68 (ISBN: 9789385247583)

International Journals (Peer Reviewed)

6. Jacob Thomas and Lini K. Mathew, 2014. Biochemical changes in the *Lawsonia inermis* L. infected with *Asterina lawsoniae* Henn. & Nyn., Current Research in Environmental & Applied Mycology 4 (2): 217-220, ISSN 2229-2225 Doi 10.5943/cream429 (indexed in SCOPUS)

7. Neeta N. Nair, Lini K. Mathew and Swapna S., 2015. *Schiffneruladioscoria* sp. nov. from Malabar Wildlife Sanctuary, Kerala. Current Research in Environmental & Applied Mycology 5(1), 16-19, (ISSN 2229-2225) Doi 10.5943/cream513 (indexed in SCOPUS)

8. Neeta N. Nair, Swapna S. and Lini K. Mathew 2015. Addition of new *Staphylotrichum indicum* species in fungal diversity of aeromycoflora of Thaluk Hospital, Thiruvalla, Pathanamthitta district of Kerala, India, Journal of Chemical and Pharmaceutical Research, (ISSN : 0975-7384) 7(9):1-3 (indexed in NCBI Database, Google Scholar etc)

9. Swapna S., Neeta N. Nair and Lini K Mathew, 2016. Diversity of aeromycoflora in hospital environment of Adoor Pathanamthitta district, Kerala, India. International Journal of Multidisciplinary Research Review, (E- ISSN “2395-1885 ISSN -2395-1877) 1(1). 277 -280

10. Lini K. Mathew, Neeta N. Nair and Swapna S., 2017. *Cirsosia humboldtiana* sp. nov. (Lembosiaceae, Ascomycetes) on *Humboldtia vahliana* from Kerala, India. Plant Pathology & Quarantine 7(1), 60-63, (ISSN 2229-2217) Doi 10.5943/ppq717

11. Lini K. Mathew, Neeta N. Nair and Swapna S., 2017. *Pezizomyces atlanticus* sp. nov. (Ascomycetes, Meliolales) from Malabar Wildlife Sanctuary in Kerala

State, India. *Studies in Fungi*, (ISSN 2465-4973) 2(1), 14-16, Doi 10.5943/sif212

12. Lini K. Mathew, Neeta N. Nair, Jacob Thomas, Swapna S., 2018. A modified digital formula as identification tool for thyriothecous foliicolous fungi and their anamorphs. *Plant Pathology and Quarantine* 8(1), 53-56, (ISSN 2229-2217) Doi 10.5943/ppq817

13. Mathew LK. 2019. A New Black Mildew Fungi (*Meliolacyamopsis* sp. nov., Ascomycetes, Meliolales) From Malabar Wildlife Sanctuary, India. *J New Biol Rep* 8(2): 27-30.

National Journals (Peer Reviewed)

14. Lini K Mathew, Neeta N. Nair and Swapna.S, 2015. *Balladynacelastri* - A New Fungal Species from Malabar Wildlife Sanctuary in Kerala State, India, *Rational Discourse* 21(1): 17 - 10 ISSN (0972-2955).

15. Swapna S, Neeta N. Nair and Lini K Mathew, 2015. Aeromycoflora in Hospital Environment of Ranni Pathanamthitta District, Kerala, India, *Rational Discourse* 21(1): 66 - 72 ISSN (0972-2955).

AWARDS AND HONOURS

1. Member of Indian Science Congress Association, Kolkatta (Plant Science â€“ A951)
2. Asst. Hall Manager of Technical Session in 29th Kerala Science Congress held at Mar Thoma College, Thiruvalla
3. Awarded endowment prize from Mar Thoma College, Thiruvalla during the years 2016 â€“ â€™17 for publishing research papers in International Journals
4. 2nd Rank in the Moral Science Scholarship Examination conducted by The Corporate Educational Agency, Diocese of Mananthavady.
5. Best student of the School in â€œVijnjanolsavam â€“ 95â€• by Kerala SasthraSahithyaParishith
6. 2nd Position in Chess Competition in Arts Festival Sports & Games Competitions held at Sree Vivekananda College of Teacher Education, Palemad, Edakkar during 2007 â€“ 2008.
7. 3rd Position in Relay Race Competition in Sports & Games Competitions held at Sree Vivekananda College of Teacher Education, Palemad, Edakkar during 2007 â€“ 2008.

NEW GENUS PROPOSED - 1

THE GENUS *Marthomamyces* Gen. nov. Lini K. Mathew, Jacob Thomas and Neeta N. nair (in prep.)

NEW SPECIES IN CREDIT - 20

1. *Amazonia atlantiicola* Lini K. Mathew and Neeta N. Nair sp. nov. on the leaves of *Atlantiasp.* (Rutaceae)
2. *Asterinabridelia* sp. nov. Lini K. Mathew et al on leaves of *Bridelia* sp. (Euphorbiaceae)
3. *Asterinaficiicola* sp. nov. Lini K. Mathew et al on leaves of *Ficus hispida* (Moraceae)
4. *Asterinastrobilanthis* sp. nov. Lini K. Mathew et al on leaves of *Strobilanthes* sp. (Acanthaceae)
5. *Balladynacelastrae* Lini K. Mathew and Neeta N. Nair sp. nov. infecting on the leaves of *Celastrus paniculatus* (Celastraceae)
6. *Balladynaflacourtiae* sp. nov. Lini K. Mathew et al on the leaves of *Flacourtiasp.* (Flacourtiaceae)
7. *Cirsosiahumboldtiigena* Lini K. Mathew and Neeta N. Nair sp. nov. on leaves of *Vateria indica* (Dipterocarpaceae)
8. *Digitosarcinellacareyae* Lini K. Mathew et al sp. nov. on leaves of *Careya arborea* (Lecithedaceae)
9. *Meliolacrotalariae* Lini K. Mathew et al sp. nov. on leaves of *Crotalaria verrucosa* (Fabaceae)
10. *Meliolacyamopsidis* Lini K. Mathew et al sp. nov. on leaves of *Cyamopsis tetragonoloba* (L.) Taub. (Fabaceae)
11. *Meliolaelaecarpicola* Lini K. Mathew et al sp. nov. on leaves of *Elaeocarpus* sp. (Elaeocarpaceae)
12. *Meliolaperuvannamuzhiensis* Lini K. Mathew et al sp. nov. on leaves of *Ipomoea tridentata* (Convolvulaceae)
13. *Prataprajellamemecyli* Lini K. Mathew et al sp.

- nov.on leaves of Memecylonedule(Melastomataceae)
14. SarcinellaaglaicolaLini K. Mathew et al sp. nov.on leaves of AglaiaminutifloraBedd. (Meliaceae)
 15. SchiffneruladioscoriaeLini K. Mathew et al sp. nov.on leaves of Dioscoreawallichii(Dioscoreaceae)
 16. SchiffnerulaligustriLini K. Mathew et al sp. nov. on leaves ofLigustrumsp. (Oleaceae)
 17. SchiffnerulaoreophilaLini K. Mathew et al sp. nov. on leaves of Carissa carandasL. (Apocyanaceae)
 18. SchiffnerulastrychniLini K. Mathew et alsp. nov.on leaves of Strychnosnux-vomical. (Strychnaceae)
 19. VishnumycesmalabarensisLini K. Mathew et al sp. nov.on leaves of Syzygiummundagam (Bourd.) Chitra (Myrtaceae)
 20. Marthomamycesvateriaenom. nov.et stat. nov.Lini K. Mathew et al on leaves of Vateriaindical. (Dipterocarpaceae)

NEW FUNGAL RECORDS TO INDIA AND KERLA

Digitosarcinellacareyaesp. nov.Lini K. Mathew et al forms new record of Digitosarcinella genus for India and second species for World

<p>Projects Presentations</p>	<p>Papers Presented in National Seminars</p> <p>1. Lini K. Mathew and Neeta N. Nair, 2014. A Preliminary Survey of Black Mildew Fungi in Malabar Wildlife Sanctuary, Kerala: in Proceedings of 26th Kerala Science Congress Pookode, Wayanad, Pp 3795 – 3799.</p> <p>2. Lini K. Mathew and Neeta N. Nair, 2016. Hemileiaevodiae(Uredinales): A serious plant pathogenic rust fungi infecting on the leaves of Evodialunu-ankenda In: Proceedings Abstracts of National Seminar on Biodiversity of Microbes and Climate Change Mitigation, Pp.23 – 24.(ISBN: 978-81-920273-0-6)</p> <p>3. Lini K. Mathew and Neeta N. Nair. 2014. Diversity of foliicolous fungi in Kakkayam zone of Malabar Wildlife Sanctuary, Kerala State In: Proceedings of National Seminar on Biodiversity of Western Ghats: Present Scenario & Future Threats, Pp. 92 – 97.</p> <p>General Article</p> <p>4. Lini K. Mathew, 2013. Fascinating World of Chemistry. WizmagSciene Plus, 1(1): pp. 385-386.</p>
<p>Others</p>	<p>RESEARCH HIGHLIGHTS</p> <ol style="list-style-type: none"> 1. More than 4 years of research experience. 2. Collection, identification and documentation of foliicolous fungi resulted in finding out 19 new species in India 3. Published books and research papers in various scientific journals of National and International repute. <p>TEACHING SKILLS</p> <ul style="list-style-type: none"> • Good command over the class • Good inter personal relations • Creating good rapport with the students • Sincere and keen in updating the developments in the field of science • Transferring these new information to students • Role as a facilitator to the students