

# Dr. Jose Mathew

ASST. PROFESSOR, RESEARCHER, WRITER

## Executive Profile

Asst. Professor in Botany; a researcher with a keen interest in Plant Taxonomy; and a writer in science popularization & fiction

## Fields of Interest

- Plant Diversity, plant taxonomy, ethnobotany, orchids, parasitic plants, plant evolution, landscaping and ornamental gardening, science popularization, nomenclature, conservation, restoration ecology, mangrove ecosystem, herbarium, forest ecology and molecular biology

## Contact Details

Assistant Professor  
Department of Botany,  
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- 688003

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## Member

- Commission Member-IUCN SSC Western Ghats Plant Specialist Group 2017-2024
- Lead Environment Auditor in National Science Foundation, Coimbatore, Tamil Nadu.
- Research Guide in University of Kerala for PhD.
- Consultant in Centre for Environment and Natural Resource Management, Kochi, Kerala
- Kerala State Biodiversity Board Technical Support Group Member-Alappuzha District
- Haritha Kerala Mission, Kerala Technical Support Member
- MGNCRE District programme coordinator (Alappuzha)
- Co ordinator of EcoClub, Biodiversity Club, and Staff Club of SD College.
- Nodal Officer of AISHE in SD College

## Academic Achievements

- Awarded Post Doctoral Fellowship from SERB (DST-INDIA)
- Ph. D in 2015 (Mahatma Gandhi University, Kerala)
- 15 years of research experience (KFRI, Forestry College-KAU, Centre for Heritage Studies-Hill Palace, M.G. University and Kerala University)
- 5 years of teaching experience in Sanatana Dharma College, Alappuzha
- Published more than 50 research articles, 40 popular articles, 6 books, 10 book chapters and 20 conference papers.
- 40 new plant species were discovered from Kerala.

## PUBLICATIONS

- Over 50 publications in national and international scientific journals (*Phytotaxa, Annals Botanici Fennici, Webbia, Telopea, Botany letters, Taiwania, Indian Forester* etc.)
- Over 25 conference papers in national and international seminars/symposia.
- Over 20 seminars/symposia attended: Organized 5 seminars
- 5 Book published; 1 in review. 7 chapters in books published.
- Over 40 popular articles in magazines and periodicals.
- Checklist of 5 major campus flora prepared.
- Three research project completed.

## CONTRIBUTIONS TO SCIENCES

- 40 new taxa to Science
- 1 new generic record, *Phyllagathis* to India
- 1 new genus record to Kerala, *Veronica* L.
- 1 new distributional record, *Liparis tchangii* Schltr. (Orchidaceae) for India
- 3 additions, viz., *Arisaema madhuanum* Nampy & Manudev; *Alocasia longiloba* Miq. (Araceae); *Phaius tankervilleae* (Banks ex L'Heritier) Blume (Orchidaceae); and *Veronica persica* Poir. (Plantaginaceae) to the flora of Kerala part of Western Ghats.
- Rediscovery of *Arisaema jacquemontii* Blume (Araceae); *Arisaema sarracenioides* Barnes & C.E.C. Fisch.(Araceae).

## CONTENT DEVELOPER FOR MUSEUMS AND GALLERIES

- Content creator for Wayanad District Heritage Museum, Wayanad and Biodiversity Heritage Gallery in Hill Palace Museum- Ernakulam, Kerala
- Content translator for Hill Palace History Museum Gallery, Tripunithura, Kerala in Associated with Fi Design & Development Pvt. Ltd.
- Content creator for Dr. Hermann Gundert Language Museum, Thalassery, in Associated with Fi Design & Development Pvt. Ltd.
- Member of contributors' panel of Balarama Digest (Children's Magazine).
- Columnist in Green leaf (Magazine for nature and wildlife)

## CONSERVATION

- Hortus Malabaricus garden developed in Centre for Heritage Studies campus- Hill Palace, Thripunithura; Kalady Sankaracharya Sanskrit University, Kalady
- Medicinal plant garden prepared in Govt. Model Residential School, Wadakkanchey (Won the best garden prize in Thrissur District)
- Medicinal plants garden prepared in Sanatana Dharma College, Alappuzha, Kerala

### RESEARCH PROJECTS

1. Identification, documentation, propagation, conservation and value addition of wild edible tubers of Kerala part of South Western Ghats. Funded by Kerala State Biodiversity Board, Govt. of Kerala. Status : Undergoing.
2. Studies on effect of climatic changes on the morphology, phenology and reproductive biology of some endemic ephemerals of south Western Ghats. Funded by DOEACC, Govt. of Kerala. Status : Undergoing.
3. Taxonomic revision and molecular phylogeny of the family Piperaceae in Western Ghats, India. Funded by SERB (DST). Role - (PI). Status - Undergoing
4. Effect of flood on flora, fauna and livelihood in the islands of Alappuzaha, Kerala. Funded by Kerala State Biodiversity Board. Role - (PI). Status - Completed.
5. Studies on riparian flora of Achankovil River Basin. Funded by Kerala State Biodiversity Board. Role - (Co-PI). Status - Completed.

### COORDINATOR/ORGANIZER

1. ***Ila* Exhibition**, an exhibition of medicinal plants, traditional foods, plant saplings etc. had been conducted in Sanatana Dharma College, Alappuzha in 2019 and 2020.
2. **Vismayam**, a Photographic Exhibition on Biodiversity of Western Ghats had been conducted in Sanatana Dharma College, Alappuzha in 2020.
3. **A seminar on World Wetland Day** Celebration had been conducted in associated with KSCSTE on February 2019.
4. **A seminar on Climate Change** had been conducted in associated with DOEACC on 2020.
5. **Workshop on Know Our Biodiversity and How to conserve it** in associated with DOEACC Thiruvananthapuram on 2022

### INTERNATIONAL COLLABORATIONS

1. **Dr. Dariusz L. Szlachetko**: Department of Plant Taxonomy and Nature Conservation, The University of Gdansk, ul. WitaStwosza 59, PL-80-308 Gdansk, Poland
2. **Dr. Barry J. Conn**: School of Life and Environmental Sciences, University of Sydney, NSW 2006, Australia

## PERSONAL DETAILS

Date of Birth : 17/05/1985  
Gender : Male  
Father's Name : Mathew Mathew  
Contact : Polachira Kunnumpuram  
Memury P.O.  
Manvettom, Kottayam  
Kerala 686611, India

## ACADEMIC QUALIFICATIONS

Academic Degree	Subject	Max. marks	Marks obtained	Class secured	% of mark	Board / University	Year of passing
S.S.L.C	PCBMS and Lan.	600	470	First	78	Education Department	2000
Pre-Degree/Plus Two	PCBM and Lan.	900	573	First	64	Higher Secondary Education Department	2002
B.Sc.	Botany	1000	770	First	77	CMS College/Mahatma Gandhi University, Kottayam	2005
M.Sc.	Botany	2200	1687	First	77	SH College/Mahatma Gandhi University, Kottayam	2007
Ph.D.	Botany					Mahatma Gandhi University, Kottayam	2015

<b>Other Courses completed</b>			
ISO 14001: 2015	2021	Exemplar Global	Successfully Completed
Lead Auditor Course on Environment Auditor Systems	2021	National Science Foundation, Coimbatore	Successfully Completed
P.G. Diploma in Landscaping and Ornamental Gardening	2009	Annamalai University, Chidambaram, Tamil Nadu	First Class
Ms office +	2008	I Net Infotech, Ernakulam, Kerala	A +
Career Oriented Programme in Plant Tissue Culture	2007	Sacred Heart College, Thevara, Kerala	80%
<b>Trainings and Orientation Courses</b>			
Refresher course on Advanced Research Methodology tools and techniques	2021	TLC, Ramanujan College, University of Delhi	A+
Orientation Course	2020	TLC, Ramanujan College, University of Delhi	A+
Master Mentor Training for WWS Programme	2020	Higher Education Department	Successfully completed
Master Mentor Training for SSP Programme	2019	Higher Education Department	Successfully completed

### **RESEARCH EXPERIENCE**

<b>S. No</b>	<b>Positions held</b>	<b>Name of the Institute</b>	<b>From</b>	<b>To</b>
1	Technical Assistant	Kerala Forest Research Institute, Peechi, Thrissur	24/09/2007	12/05/2008

2	Research Assistant	Forestry College, KAU, Mannoothy	12/05/2008	13/06/2008
3	Project Fellow	Kerala Forest Research Institute, Peechi, Thrissur	16/06/2008	31/07/2008
4	Research Assistant	Forestry College, KAU, Mannoothy	1/08/2008	31/08/2008
5	Project Fellow	Centre for Heritage Studies, Hill Palace, Thripunithura, Ernakulam	16/09/2008	4/4/2010
6.	Ph.D Course	School of Environmental Sciences, M.G. University, Kottayam	2010	2015
7.	Consultant (Biodiversity)	CENRM, Kochi	2015	2018
8	Post Doctoral Fellow	Department of Botany, University of Kerala, Thiruvananthapuram	4/2018	09/2018
9	Assistant Professor	Department of Botany, Sanatana Dharma College, Alappuzha	10/2018	

## **PUBLICATIONS**

No. of published Research papers : More than 50 Journal articles/ papers; 20 conference papers; 5 books; 8 chapter in book; more than 40 popular articles

**A. Publications (List of Selected papers published in Journals, in year wise descending order).**

S. No.	Author(s) *Indicates corresponding author	Title	Name of Journal	Vol .	Page	Year	UGC approved Journal list
1	<b>Jose Mathew* &amp; Salim P.M.</b>	<i>Christisonia flavirubens</i> (Orobanchaceae), a new species from south Western Ghats, India	Biodiversity Research and Conservation	68	1-7	2023	Publons enlisted
2	<b>Jose Mathew*, Salim P.M. &amp;</b>	<i>Lagenandra kunkichirimuseumensis</i> (Araceae), a new species	Species	24	e59s 1564	2023	

	Kalpanamol K.	from south Western Ghats, India					
3	<b>Jose Mathew*</b> & Salim P.M.	<i>Ixora lavanya</i> (Rubiaceae), a new species from south Western Ghats, India	Species	23 (72)	528-534	2022	
4	<b>Jose Mathew*</b> , Salim P.M., Susmitha R., Radhamany M. & Usha S.S.	<i>Henckelia viridiflora</i> (Gesneriaceae), a New Species from the Southern Western Ghats, India	Annales Botanici Fennici	59 (1)	143-147	2022	15368
5	<b>Jose Mathew*</b> , Salim P.M., Radhamany M. & Usha S.S.	Two new species of <i>Piper</i> (Piperaceae) from the southern Western Ghats and the taxonomical status of <i>P. megacarpum</i>	Annales Botanici Fennici	59	33-39	2022	15368
6	<b>Jose Mathew*</b> , Salim P.M, Radhamany P.M., Usha S.S., K. Madhusudhanan D. L. Szlachetko	<i>Seidenfia manikathila</i> (Orchidaceae: Epidendroideae, Malaxideae), a new species from south Western Ghats, India	Biodiversity Research and Conservation	64	1-5	2021	Publons enlisted
7	M.J. Mathew, <b>Jose Mathew*</b> , P.M. Salim & Dariusz L. Szlachetko	<i>Chiloschista confusa</i> (Orchidaceae), a new species from the southern Western Ghats, Kerala, India	Annales Botanici Fennici	58	347-353	2021	15368
8	P.M. Salim, N.A. Kumar, <b>Jose Mathew*</b> & M. Saleem	<i>Peristylus parishii</i> (Orchidaceae): A new record to Kerala	Indian Forester	147 (5)	506-507	2021	20693
9	<b>Jose Mathew*</b> & Regy Yohannan	<i>Phyllanthus sanatanadharmae</i> (Phyllanthaceae): a new species from southern Western Ghats, India	Phytotaxa	498 (4)	290-294	2021	30917

10	Pichan M. Salim, <b>Jose Mathew*</b> & Thoduvayil K. Hrideek	<i>Sonerila sulpheyi</i> (Melastomataceae, Sonerileae): A new species from the Southern Western Ghats, India	Phytotaxa	435 (1)	76- 80	2020	30917
11	Mathew Jose Mathew & <b>Jose Mathew*</b>	<i>Cleisocentron Brühl</i> ( <i>Orchidaceae: Vandae: Deceptorinae</i> ), a new generic record for Peninsular India with a new species	Species	21 (67)	109- 112	2020	
12	<b>Jose Mathew*</b> , S.S. Usha & Radhamany P.M.	<i>Arisaema madhuanum</i> (Araceae), new record to Kerala	Indian Forester	154 (6)	589- 591	2019	20693
13	Kadakasseril V George, <b>Jose Mathew*</b> & Sebastian Antony	<i>Oberonia saint- berchmansii</i> (Orchidaceae): A new species from south Western Ghats, India	Species	20	110- 113	2019	
14	<b>Jose Mathew*</b> , Usha, S.S.,Salim P.M.,Radhama ny P. M.& Regy Yohanman	<i>Sonerila epeduncula</i> (Melastomataceae): A new species from South Western Ghats, India.	Species	20	72- 75	2019	
15	<b>Jose Mathew*</b> , Jose John & Radhamany P. M.	Validation of the assorted Algal names arose from south Western Ghats, India	Abrahamia	4 (1)	28- 33	2019	
16	Pichan M Salim, <b>Jose Mathew*</b> , Balakrishnan V.	<i>Liparis tortilis</i> (Orchidaceae), a new species from South Western Ghats, India	Species	20	35- 38	2019	



17	Pichan M. Salim, <b>Jose Mathew*</b> & V. Balakrishnan	<i>Liparis tschangii</i> (Orchidaceae), a new record to Kerala	Indian Forester	144 (9)	879-880	2018	20693
18	<b>Mathew, J. *</b> , P.M. Radhamany, P.M. Salim & K.V. George	Two new species of Peperomia Ruiz & Pav. (Piperaceae) from South Western Ghats, India	Species	19	162-166	2018	
19	R.R. Rakesh, C.K. Somen, T.J. Roby & <b>J. Mathew*</b>	Ecology and conservation of an endangered tree species <i>Aporosa bourdillonii</i> stap f. from Kerala part of Western Ghats	Indian Forester	144 (8)	716-722	2018	20693
20	Yohannan, R., <b>J. Mathew*</b> & Dariusz L. Szlachetko	<i>Rhyncostylis cymifera</i> (Orchidaceae), a new species from south Western Ghats, India	Jordan Journal of Biological Sciences	11 (3)	257-259	2018	26044
21	<b>Mathew, J. *</b> & K.V. George	<i>Veronica persica</i> Poir., a new record to Kerala	Indian Forester	144 (5)	489-490	2018	20693
22	P.M. Salim, <b>Jose Mathew</b> , Regy Yohannan, J.P. Joseph & M.M. Jithin	Towards a review of the <i>Tylophora</i> R.Br. (Apocynaceae) in India: Two distinctive new species and a new combination	NeBIO	8(3)	130-138	2017	45725 (Old No.)
23	<b>Mathew, J. *</b> , R. Yohannan & B.J. Conn	Three new species of <i>Plectranthus</i> L'Hér. (Lamiaceae) from south Western Ghats, India	Telopea	20	177-189	2017	24167
24	<b>Mathew, J. *</b> , S. Jose,	Three new species of <i>Piper</i> L. (Piperaceae)	Annales Botanici	54	267-272	2017	15368

	R.Yohannan & K.V. George	from South Western Ghats, India	Fennici				
25	<b>Mathew, J. *</b> , R.Yohannan & K.V.George	<i>Anisochilus petraeus</i> (Lamiaceae), a new species from southern Western Ghats, India	Taiwania	62(2)	144-146	2017	22453
26	<b>Mathew, J. * &amp;</b> K.V.George	<i>Arisaema peerumedense</i> (Araceae), a new species from South Western Ghats, India	Annales Botanici Fennici	54	29-31	2017	15368
27	<b>Mathew, J. * &amp;</b> K.V.George	Relocation of <i>Cynometra bourdillonii</i> Gamble (Cesalpiniaceae) in Achankovil Valley, Southern Western Ghats, Kerala	Indian Forester	143(4)	385-386	2017	20693
28	<b>Mathew, J. *</b> , Regy Yohannan, P.M. Salim & K.V. George	Novelties in the family Acanthaceae from South Western Ghats, India	Annals of Plant Sciences	6(1)	149-1503	2017	
29	Rakesh, R.R., C.K. Soman, T.J. Robi & <b>J. Mathew*</b>	The keystone Drypetes [Drypetes confertiflora (Hook.f) pax. & Hoffm. (Euphorbiaceae): Notes on ecology, associations, limits and seed germination	Indian Forester	143(2)	86-91	2017	20693
30	Salim, P.M., <b>J. Mathew*</b> & Dariusz L. Szlachetko	<i>Dendrobium anilii</i> (Orchidaceae), a new species from the southern Western Ghats, India	Annales Botanici Fennici	53	342-344	2016	15368
31	<b>Mathew, J. *</b> , R.Yohannan & K.V.George	<i>Phyllagathis</i> Blume (Melastomataceae, Sonerileae), a new genus record for India and a new species in the genus.	Botany Letters (Acta Botanica Gallica)	163(2)	175-179	2016	64401

32	<b>Mathew, J. *</b> , T.K. Hrideek, V.B.Sreekumar & K.Madhusudhan an	<i>Seidenfadeniella salimii</i> (Orchidaceae): a new plant species from South Western Ghats, India,	Webbia	71 (1)	69- 71	2016	32874
33	<b>Mathew, J. *</b> , K.V.George & R.Yohann an	<i>Piper rukshagandhum</i> (Piperaceae): a new species from southern Western Ghats, India.	Telopea	19	23- 29	2016	24167
34	Kumar, K.M.P. *, A.A. Adsul, <b>J.Mathew</b> & I. Balachandran	Nomenclatural notes on the status of the name <i>Chlorophytum clivorum</i> (Asparagaceae).	Phytotaxa	243 (2)	199- 200	2016	30917
35	<b>Mathew, J. *</b> , K.V.George & R.Yohannan	On the rediscovery of <i>Arisaema sarracenioides</i> Barnes & C.E.C. Fisch. (Araceae) - a rare and endemic species from Achankovil forests, part of southern Western Ghats.	Webbia	71 (1)	117- 119	2016	32874
36	K.V.George & <b>Mathew, J. *</b> ,	<i>Phaius tankervilleae</i> (Orchidaceae)- A new record for southern India.	Indian Forester	142 (3)	300- 301	2016	20693
37	<b>Mathew, J. *</b> & K.V.George	<i>Christisonia mira</i> (Orobanchaceae): a new plant species from southern Western Ghats, India.	Telopea	18	425- 431	2015	24167
38	<b>Mathew, J. *</b> & K.V.George	<i>Christisonia tomentosa</i> (Orobanchaceae): a new plant species from southern Western Ghats, India.	Webbia	70( 2)	227- 230	2015	32874

39	George K.V. *, K. Vasudevan Pillai & J. Mathew	Studies on Water Resource Management: Approaches and Strategies.	International Journal of Advanced Research	3 (11)	781- 791.	2015	47231 (Old No)
40	Mathew, J. * & K.V. George	A new <i>Chlorophytum</i> (Asparagaceae) from the Southern Western Ghats.	Telopea	18	379- 382	2015	24167
41	Mathew, J. * & K.V. George	Orchid checklist of Kottavasal hills in Achankovil forests, Southern Western Ghats, Kollam district of Kerala, India.	Journal of Threatened Taxa	7 (10)	769 1- 769 6.	2015	11398
42	Mathew, J. * & K.V. George	<i>Ariopsis peltata</i> var. <i>brevifolia</i> (Araceae) from Achankovil Shear Zone region of Southern Western Ghats, India.	Telopea	18	151- 154.	2015	24167
43	Mathew, J. *	<i>Dendrobium georgei</i> (Orchidaceae): A new species from southern Western Ghats, India.	Telopea	16	89- 92	2014	24167
44	Mathew, J. *, K.V. George, R.Yohannan & K.Madhusudhan an	<i>Dendrobium Kallarensis</i> (Orchidaceae): A new species from southern Western Ghats, India.	International Journal of Advanced Research	2(2)	799- 803	2014	47231 (Old No)
45	Mathew, J. * & K.V. George	<i>Hygrophila ringens</i> ssp. <i>longifolium</i> (Acanthaceae): A new taxa from southern Western Ghats, India.	International Journal of Advanced Research	1(9)	132 - 134.	2013	47231 (Old No)
46	Mathew, J. * & K.V. George	Rediscovery of <i>Arisaema</i> <i>jacquemontii</i> Blume (Araceae) from Achankovil valley of southern Western Ghats, India.	NeBio	4(6)	96- 97	2013	45725 (Old No.)
47	Mathew, J. *	Epiphytic angiosperm flora of Achankovil forests, southern Western Ghats, Kerala,	International Journal of Scientific Research	2(1 1)	240- 242	2013	49217 (Old No.)

		India.					
48	<b>Mathew, J.*</b>	Indigenous Aromatic and Spice Plants Described in Van Rheed's Hortus Indici Malabarici.	Indian Journal of Applied Research.	3 (11) :	30-33	2013	49333 (Old No.)
49	<b>Mathew, J.* &amp; K.V. George</b>	Medicinal plants used by Malampadaram tribals in Achankovil forests of Kerala to cure snake bite, wound and bone fracture.	Life Science Leaflets	8	50-54.	2013	
50	<b>Mathew, J.* &amp; K.V. George</b>	<i>Artabotrys zeylanicus</i> var. kottavasaliyana (Annonaceae): a new variety from southern Western Ghats.	Int. J. of Plant, Animal and Env. Sc.	3 (4)	153 - 155.	2013	
51	<b>Mathew, J.* &amp; K.V. George</b>	Morpho-ecotypes of endemic flowering plants from Achankovil Shear Zone in Agasthyamalai Biosphere Reserve, Western Ghats, Kerala	Annals of Plant Sciences	02 (12)	514-519.	2013	

## B. Books/Reports/Chapters/General articles etc.

S.No	Title	Author's Name	Publisher	Year of Publication
<b>Books</b>				
1	<i>Hillpalaceile Vrikshanagal</i> (Malayalam)	<b>Jose Mathew &amp; Jigish Kumaran</b>	CHS publication	July, 2021
2	Vegetation of riverine landscape of Achankovil	<b>Jose Mathew, Remya K. &amp; P.M. Radhamany</b>	Scholar's Press, Australia	March, 2020
3	Biodiversity of Kurichyarma Forest of Western Ghats, India	<b>Jose Mathew &amp; Salim Pichan</b>	Scholar's Press, Australia	Dec, 2019
4	Flora of Achankovil forests, southern Western Ghats, india. (English)	<b>Jose Mathew &amp; K.V. George</b>	Lap Lambert Academic Publishers, Germany.	Jan, 2016
5	Kunnathurpady; Aietheehyam, Charithram, Sasyasambath (Malayalam)	Philip Mathew & <b>Jose Mathew</b>	Centre for Heritage studies, Hill Palace, Thripunithura, Kerala	May, 2009
<b>Chapter in a book</b>				
1	Wild-Edible Tubers and Rhizomes of South Western Ghats, India	Balakrishnan, V., <b>Jose Mathew*</b> , Salim P.M. &	Springer, Singapore.	2023
2	<i>Rare and endemic orchids of Agasthyamala Biosphere Reserve, South Western Ghats, India In.</i> Encyclopedia of Conservation	<b>Jose Mathew*</b> , Salim P.M. & M.J. Mathew	Elsevier Publication, Netherlands	2022
3	Threatened Detarioideae Members of south Western Ghats	<b>Jose Mathew*</b> , Salim P.M., Sreeranjini S. & S. Pooja	Elsevier Publication, Netherlands	2022

4	<i>Premna serratifolia</i> L.: A Neutraceutical <i>Panacea</i> <b>In. Advances in Functional Foods for Human Health.</b>	Kadakasseril V. George, Lakshmi V. Bose & <b>J.Mathew</b>	Apple Academic Press, New Jersey, USA.	2021
5	Araceae of Agasthyamala Biosphere Reserve, south Western Ghats, India	<b>J.Mathew*</b> , P.M. Salim, P.M. Radhamany & K.V. George	Apple Academic Press, New Jersey, USA.	2019
6	Potential of wild succulent ornamentals of Agasthyamala Biosphere Reserve, south Western Ghats, India	<b>J.Mathew*</b> , P.M. Salim, P.M. Radhamany & K.V. George	Astral Publishers, New Delhi	2019
7	Living World <b>In. Classmate</b>	J.G. Ray, V.S. Vasudevan, H. Nair & <b>J. Mathew*</b>	Malayala Manorama Publishers, Kottayam	2018

#### Selected Popular Articles

1. **MATHEW, J.** (2014). **Mannu (Soil).** *Balarama Digest* (ISSN: 0975-0371). 15 (30): 1-43.
2. **MATHEW, J.** (2014). **Petroleum.** *Balarama Digest* (ISSN: 0975-0371). 15 (37):1-43.
3. **MATHEW, J.** (2015). **Thengu (Coconut).** *Balarama Digest* (ISSN: 0975-0371). 16 (04):1-43.
4. Radhakrishnan, V.U. & **J. MATHEW** (2015). **Hortus Malabaricus.** *Balarama Digest* (ISSN: 0975-0371). 16 (07):1-43.
5. **MATHEW, J.** (2015). **Jeevalokathe puthumukhangal (New Species).** *Balarama Digest* (ISSN: 0975-0371). 16 (26):1-43.
6. **MATHEW, J.** (2016). **Sookshmajeevikal (Micro-organisms).** *Balarama Digest* (ISSN: 0975- 0371). 17 (03):1-43.
7. **MATHEW, J.** (2016). **Kothuku (Mosquito).** *Balarama Digest* (ISSN: 0975-0371). 17 (13):1-43.
8. **MATHEW, J.** (2016). **Payaruvargangal (Pulses).** *Balarama Digest* (ISSN: 0975-0371). 17 (35):1-43.
9. **MATHEW, J.** (2016). **Keralathile pookkal (Flowers of Kerala).** *Balarama Digest* (ISSN: 0975-0371). 17 (37):1-43.
10. **MATHEW, J.** (2015). **Kobralily.** *Green Leaf* 2 (6):35.
11. **MATHEW, J.** (2015). **Kurinjipookal.** *Green Leaf* 2 (6):40.
12. **MATHEW, J.** (2015). **Kannathalipookal.** *Green Leaf* 2 (7):51.

13. **MATHEW, J.** (2016). **Ghost Flowers.** *Green Leaf* 2(8):61
14. **MATHEW, J.** (2017). **Museums of Kerala.** *Balarama Digest* (ISSN: 0975-0371). 18 (9):1-43.
15. **MATHEW, J.** (2017). **Biodiversity.** *Balarama Digest* (ISSN: 0975-0371). 18 (22):1-43.
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### C. Selected Conference papers



1. MATHEW, J. & P. MATHEW (2009). Collection and conservation of plant species described in Van Rheed's Hortus Indicus. *National Seminar on Garden and People*. Tropical Botanical Garden, Trivandrum
2. MATHEW, J., K. V. GEORGE & P. MATHEW (2010). Rare and endemic plants species in the sacred grove of Kunnathurpady, Western Ghats, Kerala. *In: Taxonomy, plant diversity and conservation*. Abstracts of the XX Annual Conference of Indian Association for Angiosperm Taxonomy. p.175. Bharathiyar University, Coimbatore, Tamil Nadu.
3. MATHEW, J. & GEORGE, K. V. (2010). Rare and Endemic Plants species in Peechi - Vazhani Wildlife sanctuary, Western Ghats, Kerala, XX<sup>th</sup> Swadeshi Science Congress, Kerala, CMFRI.
4. MATHEW, J. & K. V. GEORGE (2010). Ethnobotanical studies on selected medicinal plants from Agasthyamala Biosphere Reserve, Western Ghats. *In: Taxonomy, plant diversity and conservation*. Abstracts of the XX Annual Conference of Indian Association for Angiosperm Taxonomy. p.175. Bharathiyar University, Coimbatore, Tamil Nadu.
5. MATHEW, J. & K. V. GEORGE (2011). Epiphytic angiosperm flora in the Kottavasal hills of Achankovil forests, southern Western Ghats, Kerala. *In: Thomas, T. D. & T. Thomas (ed.), Bioprospecting of plant genetic resources of Western Ghats*. Proceedings of the national conference. p. 145-151. St. Thomas College, Pala, Kerala.
6. MATHEW, J. & K. V. GEORGE (2011). Rare and endemic plants in the riparian forests of Achankovil, Western Ghats, Kerala. *In: Biodiversity conservation and climatic change*. Abstracts of the XXI Annual Conference of Indian Association for Angiosperm Taxonomy. p.123. CSIR- Institute of Minerals and Material Technology, Bhubaneswar, Odisha.
7. MATHEW, J., P. MATHEW & K.V. GEORGE (2011). Studies on the plant species described in the folk songs and rituals of Kunnathurpady, a mythic hill from northern Kerala. *In: Biodiversity conservation and climatic change*. Abstracts of the XXI Annual Conference of Indian Association for Angiosperm Taxonomy. P. 59-60. CSIR-Institute of Minerals and Material Technology, Bhubaneswar, Odisha.
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11. GEORGE, K. V. & J. MATHEW (2012). *Ex situ* conservation of tree species in the arboretum of CMS College, Kottayam, *Proceedings of the national conference on bioprospecting of plant genetic resources of Western Ghats*. Dept. of botany, St. Thomas College, Pala.
12. MATHEW, J. & K. V. GEORGE (2013). Medicinal plants at risk. A case study from Achankovil forests, southern Western Ghats, Kerala. *In: Molecular secrets of plant medicines*. Abstract of the international conference. p. 18. CMS College, Kottayam, Kerala.
13. MATHEW, J. & K. V. GEORGE (2013). Minor forest products from the Achankovil forests: An ethnoecological approach in sustainable harvest and marketing of rain forest products. *In: Sustainable utilization, management and conservation of bioresources*. Abstracts of the International Conference in centenary celebrations. p. 91. St. Joseph's College, Thiruchirappally, Tamil Nadu.
14. MATHEW, J., K. V. GEORGE, R. YOHANNAN & K. MADHUSUDHANAN (2015). New plant taxa from Achankovil Shear Zone part of southern Western Ghats, Kerala. *In. 25 th Swadeshi Science Congress*. Sree Sankaracharya University of Sanskrit, Kalady, Kerala.
15. MATHEW, J., K. V. GEORGE, R. YOHANNAN & K. MADHUSUDHANAN (2015). Orchidaceous flora of Achankovil forests, southern Western Ghats, Kerala. *In. 25 th Swadeshi Science Congress*. Sree Sankaracharya University of Sanskrit, Kalady, Kerala.
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I certify that the information given above is correct to the best of my knowledge and belief.

Place: Alappuzha

Date: 10/1/2024

Jose Mathew

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