

# PUBLICATIONS OF HERBARIUM & RAW DRUG REPOSITORY CENTRE FOR CONSERVATION OF NATURAL RESOURCES

## Technical reports

1. “*Eco-distribution of medicinal plants of Conservation concern in Southern India* ” - A report submitted to Danish Embassy, New Delhi. 01 – 13 Vols.
2. “*Distribution of prioritised medicinal plants of conservation concern*” - A report submitted to Danish Embassy, New Delhi.
3. “*Medicinal plants of Kerala MPCA Network*” - A report submitted to Danish Embassy, New Delhi.
4. “*Medicinal plants of Tamil Nadu MPCA Network*” - A report submitted to Danish Embassy, New Delhi.
5. “*Medicinal plants of Karnataka MPCA Network*” - A report submitted to Danish Embassy, New Delhi.

## Fact sheet presented at COP11, Hyderabad

1. Success stories on Conservation
2. Medicinal Plant Diversity in India across Bio-geographic zones

## Books published

1. Ramamurthy, K., N.P. Balakrishnan, **K. Ravikumar** and R. Ganesan. *Seagrasses of Coromandel Coast, India*. Botanical Survey of India, Southern Circle, Coimbatore, 1992.
2. **Ravikumar, K** and D.K. Ved (Eds.) Assisted by R. Vijaya Sankar and P.S. Udayan. *An Illustrated Field Guide to 100 Red Listed Medicinal Plants of Conservation Concern in southern India*. Foundation for Revitalization of Local Health Traditions (FRLHT), Bangalore, December 2000.
3. **Ravikumar, K.**, R. Vijaya Sankar, R. Murugan, G. S. Goraya and S. Noorunnisa Begum. *Photo Guide to Selected Medicinal Plants of Karnataka*. Foundation for Revitalization of Local health Traditions (FRLHT), Bangalore, 2009.

4. Vijaya Sankar, R., **K. Ravikumar** and P. Ravichandran. *Plant resources of Tiruvannamalai district, Tamil Nadu, India*. Bishen Singh Mahendra Pal Singh, Dehra Dun. 2012.
5. Krishnamurthy, K. V., R. Murugan and **K. Ravikumar**. *Bioresources of the Eastern Ghats, their Conservation and Management*. Bishen Singh Mahendra Pal Singh, Dehra Dun. 2013.
6. **Ravikumar, K.**, D.K. Ved, S. Noorunnisa Begum, J. R. Bhatt and G.S. Goraya. *Compendium of Traded Indian Medicinal Plants*. Ministry of Environment of Forest, Government of India, New Delhi and Foundation for Revitalisation of Local Health Traditions, Bangalore. 2018.

### Chapters in Books

1. Henry, A.N., V.B. Hosagoudar and **K. Ravikumar**. Ethno-Medico-Botany of the Southern Western Ghats of India. *Ethnobiology in Human Welfare* (Ed.) S.K. Jain. 173-180.1996.
2. **Ravikumar, K.**, S. Noorunnisa Begum and R. Vijayasankar. Notes on the distribution of *Semecarpus subpanduriformis* Wall. ex Hook. f. (Anacardiaceae) in India. Diversity and Conservation of Plants and Traditional Knowledge. Eds. S. Panda & C. Gosh. 305-308. 2014.
3. **Ravikumar, K.**, R. Vijaya Sankar and T. Ravishankar. Rediscovery of *Memecylon sisparens* Gamble (Melastomataceae), 110 years after type collection. Plant Diversity, Human welfare and Conservation (Eds. M.K. Janarthanam and D. Narasimhan), 151-156. 2003.
4. R. Vijaya Sankar, **K. Ravikumar** and G.S. Goraya. Floristic wealth of Javvadhu hills, Eastern Ghats, Tamil Nadu with special emphasis on threatened plants and their conservation.
5. S. Noorunnisa Begum, **K. Ravikumar** and D.K. Ved. **Ethnobotanicals of Western Ghats** in Ethnobotany of India. Vol. 2. Western Ghats and West Coast of Peninsular India. Pullaiah, T., K.V. Krishnamurthy and Bir Bahadur (eds.) 2017. Apple Academic Press, Oakville, Canada and Waretown, NJ. ISBN 978-1-77188-404-4. 2017.

6. D. K. Ved, S. Noorunnisa Begum and **K. Ravikumar**. **Trade in Indian Medicinal Plants** in Ethnobotany of India. Vol. 5. The Indo-Gangetic Region and Central India. Pullaiah, T., K.V. Krishnamurthy and Bir Bahadur (eds.) 2017. Apple Academic Press, Oakville, Canada, and Waretown, NJ. ISBN 978-1-77188-599-7. 2017.
7. D. K. Ved, S. Noorunnisa Begum and **K. Ravikumar**. **Conservation of Threatened Medicinal Plants in India** in Threatened medicinal plants conservation and utilization. Springer 2018.

### Papers Published

1. **Ravikumar, K.** and G.S. Goraya. Rediscovery of *Hopea canarensis* Hole (DIPTEROCARPACEAE) - An Endemic and little known species from the Western Ghats of Karnataka, India. *Indian Forester* 125(2): 225-229. 1999.
2. Rajendran, A., N. Rama Rao, **K. Ravikumar** and A.N. Henry. Some Medicinal and aromatic Labiates from the Peninsular India. *Journal of Non-Timber Forest Products* 6(1/2): 26-30.1999
3. **Ravikumar, K.** Novelties from High Wavy Mountains, Southern Western Ghats, Theni District, Tamil Nadu, India. *Rheedea* 9(1): 55-75.1999.
4. **Ravikumar, K.**, S.P. Subramani and G.S. Goraya. Rediscovery of an insufficiently known taxon *Bidara indica* Rahman & Wilcock (Asclepiadaceae) from the Western Ghats of Karnataka, India. *Indian J. For.* 22(3): 273-275, 1999.
5. **Ravikumar, K.**, S. P. Subramani, P.S. Udayan and Mohan Karnat. Notes on few Rare and Endemic Plants from the Western Ghats of Coorg District, Karnataka, India. *J. Econ. Taxon. Bot.* 24(2): 334-338. 2000.
6. Udayan, P.S., **K. Ravikumar** and S. Noorunnisa Begum. Additions to the Flora of Chikmagalur District, Karnataka State. *MyForest* 37(1): 325-334, March 2001.
7. **Ravikumar, K.**, R. Vijaya Sankar and V. Prabhakaran. *Utleria salicifolia* Bedd. ex Hook.f. (Periplocaceae) A Monotypic, Endemic and Critically Endangered Red Listed Medicinal Plant relocated from its type locality. *MyForest* 37(2): 495-498. June 2001.
8. **Ravikumar, K.**, P.S. Udayan and S.P. Subramani. Additions to the Flora of Karnataka, India. *MyForest* 37(4): 619-624. December 2001.

9. Rajendran, A., **K. Ravikumar** and A.N. Henry. Some useful rare and endemic plants of the southern Western Ghats. *J. Econ. Tax. Bot.* 26(1): 181-184. 2002.
10. Udayan, P.S. and **K. Ravikumar**. Additions to the flora of Coorg District, Karnataka State. *MyForest* 38(3): 225-232. September 2002.
11. **Ravikumar, K.** and P.S. Udayan. Notes on *Marsdenia raziana* Yogan. & Subr. A Karnataka and Kerala Western Ghats endemic. *ZOOS' Print Journal* 17(12): 949-950. December 2002.
12. Srinivasa murthy, T.S., Mohan Karnat, V. Prabhakaran, S.N. Jadhav, Satish Elkunchwar, **K. Ravikumar** and Utkarsh Ghate. Medicinal Plants Conservation and Sustainable use through Forest Gene Banks. *Indian For.* 129(2): 179-186. February 2003.
13. Udayan, P.S. and **K. Ravikumar**. Additions to the flora of Shimoga District, Karnataka State. *MyForest* 39(1): 7-18. March 2003.
14. **Ravikumar, K.** and R. Vijaya Sankar. Ethnobotany of Malayali tribes in Melpattu village, Javvadhu hills of Eastern Ghats, Tiruvannamalai District, Tamil Nadu. *J. Econ. Tax. Bot.* 27(3): 715-726. 2003.
15. Udayan, P.S. and **K. Ravikumar**. Additions to the flora of Bangalore Rural District, Karnataka State. *MyForest* 39(2): 103-108. June 2003.
16. Udayan, P.S. and **K. Ravikumar**. New Plant Records for Karnataka State, India. *Indian J. For.* 26(4): 384-388. 2003.
17. Vijaya Sankar, R., **K. Ravikumar** and P. Ravichandran. Endemic species *Brachystelma brevitubulatum* (Bedd.) Gamble (Asclepiadaceae), relocated after a century. *Phytotaxonomy* 3: 130-133. 2003.
18. **Ravikumar, K.**, P.S. Udayan and S.P. Subramani. Notes on the distribution of *Capparis rotundifolia* Rottler (Capparidaceae) - in southern India. *Indian For.* 130(3): 313-317. March 2004.
19. Vijaya Sankar, R., **K. Ravikumar** and P. Ravichandran. *Dipteracanthus beddomei* (C.B. Clarke) Santapau (Acanthaceae) - A new report to Southern India. *ZOOS' Print Journal* 19(4): 1442. April 2004.

20. Vijaya Sankar, R. and **K. Ravikumar**. First report of *Barleria lupulina* Lindl. (Acanthaceae) from Southern India. *ZOOS' Print Journal* 19(5): 1484. May 2004.
21. Udayan, P.S., **K. Ravikumar** and K. Udaiyan. New plant reports from the State of Karnataka. *Indian For.* 130(5): 551-564. May 2004.
22. Vijaya Sankar, R., **K. Ravikumar** and P. Ravichandran. *Tinospora sinensis* (Lour.) Merr. (Menispermaceae) – A hitherto unreported Red listed medicinal plant from Tamil Nadu State. *Indian For.* 130(7): 731-734. July 2004.
23. **Ravikumar, K.**, R. Vijaya Sankar, D.K. Ved and K. Gopalakrishna Bhat. Is *Madhuca insignis* (Radlk.) H.J. Lam (Sapotaceae) really extinct? *Phytotaxonomy* 4: 119-123. 2004.
24. **Ravikumar, K.**, V. Lakshmanan and R. Vijaya Sankar. Notes on the extended distribution of three endemics in Tamil Nadu. *Rheedea* 14(1&2): 69. 2004.
25. Vijaya Sankar, R., **K. Ravikumar** and N.M. Ganesh Babu. On the collection of a peninsular endemic, *Barleria stocksii* (ACANTHACEAE), after a century. *ZOOS' Print Journal* 20(3): 1820. March 2005.
26. Winfred D. Thomas, N.M. Ganesh Babu, Utkarsh Ghate and **K. Ravikumar**. Sustainable harvest of medicinal plants - an initiative in Southern India. *Indian For.* 131(3): 397-409. March 2005.
27. Vijaya Sankar, R., **K. Ravikumar**, T.S. Suma, N.M. Ganesh Babu and R. Ganesan. Distribution notes on *Justicia nilgherrensis* (Acanthaceae), a Southern Indian endemic species. *My Forest* 41(1): 49-53. March 2005.
28. Ved, D.K., G.A. Kinhal, **K. Ravikumar**, R. Vijaya Sankar and K. Haridasan. Conservation Assessment and Management Prioritisation (CAMP) for Wild Medicinal Plants of North-East India. Medicinal Plant Conservation - IUCN News Letter, II: 40-44. August 2005.
29. Ganesh Babu, N.M., **K. Ravikumar** and R. Vijaya Sankar. Notes on some interesting and noteworthy plants from southern India. *J. Econ. Tax. Bot.* 30(2): 390-393. 2006.
30. Vijaya Sankar, R., **K. Ravikumar** and N.M. Ganesh Babu. A new species of *Eriocaulon* L. (Eriocaulaceae) from Anamalai Hills of Kerala, India. *Rheedea* 16(1): 59-61. 2006.

31. Hosagoudar, V.B., **K. Ravikumar** and G.R. Archana. Two new fungi from Mukurthi National Park, Nilgiris, Tamil Nadu *ZOOS' Print Journal* 22(9): 2832 - 2838. September 2007.
32. Ganesh Babu, N.M., **K. Ravikumar**, R. Vijaya Sankar, D.K. Ved and R. Ganesan. On the distribution and ethnobotany of *Peucedanum dhana* var. *dalzellii* (Apiaceae), a little known endemic from southern India. *Indian J. Forestry* 30(2): 167-170. 2007.
33. Vijaya Sankar, **R., K. Ravikumar**, N.M. Ganesh Babu and D.K. Ved. Botany of Anapady MPCA, Palghat district, Kerala with special emphasis on species of conservation concern. *Bull. Bot. Surv. India* 49: 165-172. 2007.
34. Ganesh Babu, N.M., Jyotsna R. N. Dessai, **K. Ravikumar** and N. Rama Rao. *Impatiens mysorensis* Heyne *ex* Roth (Balsaminaceae), a little known endemic species from Karnataka. *Phytotaxonomy* 7: 83-88. 2007.
35. Udayan, P.S., **K. Ravikumar**, D.K. Ved and K. Udaiyan. *Fibraurea darhani*, a new species of Menispermaceae from the Western Ghats, India. *Rheedea* 17(1&2): 9-12. 2007.
36. Murugan, R. **K. Ravikumar** and C. Livingstone. Addition of a wild aromatic plant *Pogostemon hirsutus* Benth. (Lamiaceae) to the Flora of India, *Current Science* 95(7): 835. 2008.
37. **Ravikumar, K.** and R. Vijaya Sankar. *Antiaris toxicaria* (Moraceae) – A New Distributional Record to the Eastern Ghats. *J. Threatened Taxa* 1(1): 58-59. 2009.
38. Vijaya Sankar, R., R. Kottaimuthu and **K. Ravikumar**. Additions to the flora of Sirumalai Hills, Eastern Ghats, Tamil Nadu. *J. Threatened Taxa* 1(7): 379-381. 2009.
39. Subramani Paranthaman Balasubramani, Ramar Murugan, **Kaliamoorthy Ravikumar** and Padma Venkatasubramanian. Development of ITS Sequence Based Molecular Marker to Distinguish, *Tribulus terrestris* L. (Zygophyllaceae) from its adulterants. *Fitoterapia* (2010), doi:10.1016/j.fotote.2010.01.002.
40. Noorunnisa Begum, S. 2012. Anatomy of Himalayan species *Marsdenia roylei* Wight J. of Swamy Botanical Club. 29 (1,2,3 &4): 73-78.

41. Murugan, R., **K. Ravikumar** and C. Livingstone. Rediscovery of a steno-endemic and critically endangered aromatic plant, *Pogostemon nilagiricus* (Lamiaceae). ***Rheedea* 20 (1):** 50-52. 2010.
42. Minallammagaari Vineel Sumanth, Madhuri Bhatt Yellanthoor, **Kaliamoorthy Ravikumar** and Perumal Ravichandran. Comparative physicochemical, phytochemical and HPTLC studies on root species used as Patala in Ayurvedic system of medicine. ***J. Pharmacy Research* 7:** 810 – 816. 2013.
43. N. Balachandran and **K. Ravikumar**. Notes on new distributional records from southern India. ***Phytotaxonomy* 13:** 92-95. 2013.
44. **K. Ravikumar**, N. Balachandran and S. Noorunissa Begum. *Polygala paniculata* L. (POLYGALACEAE) - a new record to India. ***Phytotaxonomy* 13:** 137-139. 2013.
45. Umeshkumar Tiwari and **K. Ravikumar**. Neotypification of *Lepidagathis bandraensis* Blatter (Acanthaceae). ***Rheedea* 23 (2):** 105-107. 2013.
46. Umeshkumar Tiwari, **K. Ravikumar** and N. Balachandran. A new variety of *Bauhinia bassacensis* (Leguminosae: Caesalpinioideae) from Great Nicobar Island, India. ***Phytotaxa* 149 (1):** 12-18. 2013.
47. Balachandran, N. and **K. Ravikumar**. Three new additions to Indian Flora from north eastern States. ***Rheedea* 24(2):** 124-127. 2014.
48. Umeshkumar Tiwari and **K. Ravikumar**. *Solanum sisymbriifolium* Lam. A New Record for the flora of Gujarat State. ***Indian Forester* 140 (2):** 2011-202. 2014.
49. Umeshkumar Tiwari, Sebastian J. Adams, Noorunnisa Begum, Kulithalai V. Krishnamurthy, **Kaliamoorthy Ravikumar**, Venkatasubramanian Padma. Pharmacognostic Studies on Two Himalayan Species of Traditional Medicinal Value: *Allium wallichii* and *Allium stracheyi*. ***Not. Sci. Biol.* 6(2):** 149-154. 2014.
50. **Ravikumar, K.**, Umeshkumar Tiwari and N. Balachandran. *Aristolochia gurinderii* (Aristolochiaceae). A new species from Great Nicobar Island, India. ***Phytotaxa* 172 (2):** 117–122. 2014.
51. **Ravikumar, K.**, N. M. Ganesh Babu, N. Balachandran and R. Vijayasankar. *Acanthospermum consobrinum* (Asteraceae) - a new record for India. ***Rheedea* 24(1):** 50-51. 2014.

52. Noorunissa Begum, S., **K. Ravikumar** and D. K. Ved. “*Asoka*” – A Culturally and Traditionally Important Medicinal Plant: Its’ Present Day Market Demand and Conservation Measures in India. *Current Science* 107(1): 26-28. 2014.
53. Balachandran, N. and **K. Ravikumar**. Additions to the flora of Manipur, North Eastern State of India. *Pleione* 8(1): 199-206. 2014.
54. Balachandran, N., Rajendiran, K. and **Ravikumar, K.** Ecological adaptation and climbing mechanism of angiospermic climbers in tropical dry evergreen forests of Tamil Nadu, India. *International Journal Advanced Biological Research* 4(4): 454-461. 2014.
55. **Ravikumar, K.**, N. Balachandran, S. Noorunnisa Begum, P. Patchaimal, Manoranjan Bhanja and K. Lohitasyudu. Notes on Interesting Plant Records to the Flora of Visakhapatnam District, Andhra Pradesh, India. *Journal of Threatened Taxa* | www.threatenedtaxa.org | 6(8): 6108–6121. 2014.
56. Balachandran, N., **Ravikumar, K.** and Noorunnisa Begum, S. 2014. *Asplenium batuense* (Aspleniaceae) – A new distribution record from the main land of India. *Phytotaxonomy* 14: 166-168.
57. N.M. Ganesh Babu, **K. Ravikumar** and N. Rama Rao. Additions to the flora of Karnataka from Chitradurga District. *J. Econ. Taxon. Bot.* 38:(3-4).634-649. 2014.
58. Priyanka Mishra & L. Dinesh Kumar & Amit Kumar & Sivaraman Gokul & **Kaliamoorthy Ravikumar** & Ashutosh K. Shukla & Velusamy Sundaresan. Population Dynamics and Conservation Implications of *Decalepis arayalpathra* (J. Joseph and V. Chandras.) Venter, a Steno Endemic Species of Western Ghats, India. *Appl. Biochem. Biotechnol.* DOI 10.1007/s12010-015-1654-7. 2015.
59. Kandasamy Premalatha & Sivaraman Gokul & Amit Kumar & Priyanka Mishra & Pooja Mishra & **Kaliamoorthy Ravikumar** & Alok Kalra. Molecular profiling of fungal assemblages in the healthy and infected roots of *Decalepis arayalpathra* (J. Joseph & V. Chandr.) Venter, an endemic and endangered ethnomedicinal plant from Western Ghats, India. *Ann. Microbiol.* 65:785–797. 2015.



60. Balachandran, N., **K. Ravikumar**, N. Dhatchanamoorthy, S. Gokul, Umeshkumar Tiwari, and S. Noorunnisa Begum. Some interesting additions to the flora of Tamil Nadu. *J. Econ. Taxon. Bot.* 39(2): 338-341. 2015.
61. **Ravikumar, K.**, G. Gnanasekaran and U. Tiwari. Lectotypification and Rediscovery of *Phyllanthus megacarpus* (Phyllanthaceae), an endemic species from the Western Ghats, India. *Rheedea* 25(2): 116-119. 2015.
62. Udayan, P.S., A.V. Raghu, S.Noorunnisa Begum and A.K. Pradeep. 2015. *Diospyros udaiyanae* (Ebenaceae), A New species from Western Ghats, India. *Bangladesh J. Plant. Taxon.* 22(2): 83-86.
63. Tiwari, U.L., **Ravikumar, K.**, N. Balachandran and S.K. Sharma. Some new records of plants from the state of Rajasthan, India. *Journal of Threatened Taxa* 8(3): 8632 - 8637. 2016.
64. **Ravikumar, K.**, Narasimhan, D., Devanathan, K. and G. Gnanasekaran. *Barleria durairajii* (Acanthaceae): A new species from Tamil Nadu, India. *Rheedea* 26(2): 136–141. 2016.
65. Navendu V. Page, Meenakshi Poti and **K. Ravikumar**. *Miliusa flaviviridis* (Annonaceae), a new species from the southern Western Ghats, India. *Phytotaxa* 255 (2): 167–171. 2016.
66. Balachandran, N., **K. Ravikumar** and N. Dhatchanamoorthy. New Plant Records to southern India. *Indian Forester* 142 (9): 849-851. 2016.
67. Sumanth, M.V., **K. Ravikumar**, N. Dhatchanamoorthy and T. S. Suma. Rediscovery of an endemic species, *Impatiens trigonopteris* Hook.f. (Balsaminaceae) from Sikkim Himalaya. *Pleione* 10(2): 388 - 391. 2016.
68. Balachandran, N., **K. Ravikumar**, K. Rajendiran and W. F. Gastmans. A new species of *Tetrastigma* (Vitaceae) from Tamil Nadu, southern India, *Webbia* DOI:10.1080/00837792.2017.1308110. 2017.
69. Nandikar, M. D. and **Ravikumar, K.** Neotypification and taxonomic reinstatement of *Grewia macrophylla* G. Don (Malvaceae-Grewioideae). *Taiwania* 62(3): 299-304. DOI: 10.6165/tai.2017.62.299. 2017.

70. Priyanka Mishra, Amit Kumar, Gokul Sivaraman, Ashutosh K. Shukla, **Ravikumar Kaliamoorthy**, Adrian Slater & Sundaresan Velusamy. Character-based DNA barcoding for authentication and conservation of IUCN Red listed threatened species of genus *Decalepis* (Apocynaceae). *Scientific Reports* 7: 14910 | DOI: 10.1038/s41598-017-14887-8. 2017.
71. T. S. Suma, **K. Ravikumar** and D. S. Sagar. Documentation and cataloguing of plant raw drugs traded in the selected markets of Tamil Nadu and Kerala, Southern India. *J. Non-Timber Forest Products* 24 (4): 225-234. ISSN No 0971-9415, 2017.
72. T.S. Suma, **K. Ravikumar**, B. S. Somashekhar, D. K. Ved, R. Zaman, S. N. Rajalakshmi, V. Nair and S. K. Kukkupuni. Documentation of 'Plant Drugs' dispensed via local weekly shanties of Madurai City, India. *J. Ayur. Int. Med.* link: <https://doi.org/10.1016/j.jaim.2017.05.008>. 2017.
73. N. Dhatchanamorthy, N. Balachandran and **K. Ravikumar**. Rediscovery and lectotypification of *Lepidagathis diffusa* (Acanthaceae), an Endemic species from southern India. *Rheedea* 27 (2): 96-98. 2017.
74. Stephen, A, Nikita S., Nidhi, T., Noorunnisa Begum and **Ravikumar, K.** Light Microscopic study of pollen morphology on selected species of *Jatropha* L. *J. Phytol. Res.* 30 (1): 1-6. 2017.
75. Seethapathy Gopalakrishnan Saroja, **Kaliyamoorthy Ravikumar**, Berit Smestad Paulsen, Hugo J. de Boer and Helle Wangensteen. Ethnobotany of dioecious species: Traditional knowledge on dioecious plants in India. *J. Ethnopharmacology* 221: 56 - 64. 2018.
76. **K. Ravikumar**, A. C. Tangavelou, N. Dhatchanamorthy and Syed Noorunnisa Begum. Ethno-medico botany of Malayali tribes in Sittilingi hills, Harur taluk, Dharmapuri district, Tamil Nadu. *MyForest* March. 2018.
77. Umeshkumar L. Tiwari and **K. Ravikumar**. Floristic Diversity, Vegetation Analysis and Threat Status of Plants in Various Forest Types in Dharmapuri Forest Division, Tamilnadu, Southern India. *Not. Sci. Biol.* 10(2): 297-304. 2018. DOI: 10.25835/nsb10210158.

78. **K. Ravikumar**, N. Dhatchanamoothy, A. C. Tangavelou, T. S. Suma and S. Noorunnisa Begum. New additions to the Angiospermic flora of Nagaland, India. *Pleione* Vol. 12 (1):118-127. 2018.
79. N. Dhatchanamoothy, **K. Ravikumar** and Kreni Lokho. Additions to the flora of Manipur state, North-Eastern India. *Pleione* Vol. 12 (1):132-143. 2018.
80. N. Dhatchanamoothy, **K. Ravikumar** and S. Noorunnisa Begum. Notes on new distribution of two Endemic species of Southern India. ISSN: 0972-4206. *Phytotaxonomy* 17: 55-57. 2018.
81. N.M. Ganesh Babu, **K. Ravikumar** and N. Rama Rao. New plant records for southern India from the District of Chitradurga in Karnataka. *Phytotaxonomy*. 17: 114-116. 2018.
82. Tiwari, U. L. and **Ravikumar, K.** Floristic Diversity and Vegetation Analysis of Plants from Various Forest Types in Hosur Forest Division, Tamil Nadu, Southern India. *Not Sci Biol*. 10(4):597-606. 2018.
83. Gokul, S., **Ravikumar, K.** and Ravichandran, P. Simple propagation technique for a Steno-endemic, Critically Endangered medicinal plant, *Decalepis arayalpathra* (J. Joseph & V. Chandras.) Venter from Agasthyamala southern Western Ghats, India. *MyForest* 54(3): 23-30. 2018.
84. **Ravikumar, K.**, N.M. Ganesh Babu and A.C. Tangavelou. *Crotalaria lanceolata* (Leguminosae - Faboideae): A new record for India. *Rheedea* 28(2) 102–104. 2018.

# **PUBLICATIONS OF ETHNO-MEDICINAL GARDEN CENTRE FOR CONSERVATION OF NATURAL RESOURCES**

## **Books published:**

1. “Secrets of Ethnomedicinal Gardens”. Centre for Herbal Gardens and Landscaping Services, Institute of Ayurveda and Integrative Medicine, Bangalore. (with a front-page message by the former Hon’ble Minister of MoEF, Shri. Jayaram Ramesh). The EMG Manual ‘Secrets of Ethno-Medicinal Gardens is a comprehensive, step-by-step guide to develop a medicinal plant garden in the lines of the EMG established at FRLHT Campus.

2. “Herbal Gardening Heals”, published by Ministry of Environment, Forests and Climate Change, Govt. India. Horticulture Therapy is rarely practiced in India and FRLHT-TDU is promoting this through herbal garden

3. “Nursery and Propagation Techniques”, published by Ministry of Environment, Forests and Climate Change, Govt. India. This manual the summary of propagation methods for seventy medicinal plant species tested and standardized by the team over the years.

4. Stunning Combinations of Functional Gardens, A book on medicinal plants in the landscape designs.

## **User Guide:**

1. Angayalli Arogya: Kannada
2. I Love my healing garden: English
3. Erehulu gobbara thatarike: Kannada
4. Manpuzhu ura urpatthi :Tamil
5. Punaruthpadane mattu nursery thanthrajnana: Kannada
6. Herbal Gardening Heals: English
7. Nursery and propagation techniques: English

## Scientific Research Articles published:

1. Ravikumar K., **N.M. Ganesh Babu** and A.C. Tangavelou. *Crotalaria lanceolata* E. Meyer (Fabaceae: Leguminosae): New record to India from Karnataka. *Rheedea*28(2): 12. 2018.
2. **Ganesh Babu N.M.**, K. Ravikumar and N. Rama Rao. Additions to the flora of Karnataka from Chitradurga District. *J. Econ. Tax. Bot.*38: No. 3-4 (2014)390-393. 634-649. 2016.
3. Ravikumar K., **N. M. Ganesh Babu**, N. Balachandran and R. Vijayasankar. *Acanthospermum consobrinum* (Asteraceae) - a new record for India. *Rheedea*24(1): 50-51. 2014.
4. **Ganesh Babu,N.M.**, Jyotsna R. N. Dessai, K. Ravikumar and N. Rama Rao. *Impatiens mysorensis* Heyne ex Roth (Balsaminaceae), a little known endemic species from Karnataka. *Phytotaxonomy*7: 83-88. 2007.
5. Vijaya Sankar, R., K. Ravikumar, **N.M. Ganesh Babu** and D.K. Ved. Botany of Anapady MPCA, Palghat district, Kerala with special emphasis on species of conservation concern. *Bull. Bot. Surv. India* 49: 165-172. 2007.
6. **Ganesh Babu, N.M.**, K. Ravikumar, R. Vijaya Sankar, D.K. Ved and R. Ganesan. On the distribution and ethnobotany of *Peucedanum dhana* var. *dalzellii* (Apiaceae), a little known endemic from southern India. *Indian J. Forestry*30(2): 167-170. 2007.
7. Vijaya Sankar, R., K. Ravikumar and **N.M. Ganesh Babu**. A new species of *Eriocaulon* L. (Eriocaulaceae) from Anamalai Hills of Kerala, India. *Rheedea*16(1): 59-61. 2006.
8. **Ganesh Babu, N.M.**, K. Ravikumar and R. Vijaya Sankar. Notes on some interesting and noteworthy plants from southern India. *J. Econ. Tax. Bot.*30(2): 390-393. 2006.
9. Ravikumar, K., D.K. Ved, R. Vijaya Sankar and **N.M. Ganesh Babu**. *Medicinal Plant Diversity in India: Current Status and in situ Conservation in southern India – A case study*. In: R. Baskar, A. Malarvizhi & Sabitha Doraiswamy (Eds.). Abstracts of Two-Day National Seminar on “Medicinal Plants Research – An Industry Oriented Perspective” organized by Dept. of Biochemistry, Dr. G.R. Damodaran College of Science, Coimbatore. pp. 30-46. June 21-22, 2005.
10. Vijaya Sankar, R., K. Ravikumar and **N.M. Ganesh Babu**. On the collection of a peninsular endemic, *Barleria stocksii* (ACANTHACEAE), after a century. *ZOOS' Print Journal* 20(3): 1820. March 2005.

11. Winfred D. Thomas, **N.M. Ganesh Babu**, Utkarsh Ghate and K. Ravikumar. Sustainable harvest of medicinal plants - an initiative in Southern India. *Indian For.*131(3): 397-409. March 2005.
12. Vijaya Sankar, R., K. Ravikumar, T.S. Suma, **N.M. Ganesh Babu** and R. Ganesan. Distribution notes on *Justicia nilgherrensis* (Acanthaceae), a Southern Indian endemic species. *My Forest*41(1): 49-53. March 2005.
13. **Nandini D** and Vijaya Swami, March 2019. Opportunities for conservation and commercialization of medicinal plants with special reference to Lower Dibang valley of Arunachal Pradesh, *My Forest*, (*Accepted for Publication*).
14. **Nandini D**, Ravi Kumar BS, SR Amaraneni 2017. Identification of Atropine and Scopolamine from *Datura L.* and Market samples by GC-MS, *Asian Journal of Chemistry*. Vol (29). No.10. pp. 2116-2118.
15. **Nandini D**, Ravi Kumar BS, SR Amaraneni 2016. Estimation of Mineral Nutrient Concentration in *Datura metel* and *Datura innoxia* species. *Indian Journal of Research*. Vol.5 (9). Pp. 182-183.
16. Kumari Kshama Awasthi, Haridasan. K, **Nandini. D** and Rita Singh, 2015. Ponds and Seed traits of *Stereospermum tetragonum* DC. *International Journal of Current Research*. Vol.7 (9). pp. 9942-46.
17. **Nandini D**, Rashmi K K, and BS Ravikumar, 2015. Morphometric Analysis of *Datura* Plant to Understand Variation and Similarities among Four Major Species. *Medicinal & Aromatic Plants*. Vol. 4(4)209.
18. Kumari Kshama Awasthi, **Nandini. D**, Geetha Suresh, Rita Singh, Haridasan K, 2015. Macropropagation of Medicinal important Tree: *Stereospermum tetragonum* DC. *International Journal of Advanced Research*, Vol. 3(10). pp. 586–592.
19. PK Kaushik and **Nandini D**, 2014. A viable model for broom grass cultivation and management in Tripura, *Multidisciplinary Research Journal*, Vol 3, Issue 4.
20. Thiru Selvan, **Nandini D** and PK Kaushik, Agarwood production for intensive income generation, 2014, *Multidisciplinary Research Journal*, Journal, Vol 3, Issue 5.

21. **Nandini D** and Girija Bhat. 2008, *Datura sasyada vikaasa, valase, hagu upayogagada bagge ondu adhyayana - Kannada* (Studies on Evolution, distribution and uses of *Datura* plant) *Vignana Kannada-4*: pp. 226-228.
22. **Nandini D**, M. N. Shiva Kameshwari. 2007, Bharathadalli kulantari taligala Niyantiran-Kannada language (Control of transgenic plants in India) *Suvarna Karnataka*: pp. 67-76.
23. M N Shiva Kameshwari, **Nandini D**, 2007. Havasegala vanijya upayoga-Kannada language (Economic importance of bryophytes). *Suvarna Karnataka*: pp. 56-66.
24. Bhaskar, **D Nandini**, H.B.Shivaprakash and M.Anjanappa, 2000. Tree diversity and regeneration status in Devarakadu (sacred groves) of Kodagu District Karnataka. *Myforest*, 36(2): pp.105-120.

#### **PAPERS ACCEPTED/SUBMITTED FOR PUBLICATION:**

1. **Ganesh Babu N.M.**, K. Ravikumar and N. Rama Rao. New plant records for southern India from the District of Chitradurga in Karnataka. Accepted for publication in the Journal of *Phytotaxonomy*.

#### **POPULAR ARTICLES PUBLISHED:**

1. Prabhakaran, V., **K. Ravikumar**, R. Vijaya Sankar and N.M. Ganesh Babu. 34<sup>th</sup>MPCA – The Anapady. *Medplant Network News*4(3): June-August 2004.
2. **Dr. Ganesh Babu** is an author in medicinal plants column of The New Indian Express.
3. Subash Mali, **Nandini D**. 2001. Floristics, medicinal plants and ethnobotany of Kolli Hill's. *Medplant Network News*. 1(2): pp. 8-10.
4. Many articles in Gardening page for Amruth magazine, FRLHT Bengaluru

## **RECENT PUBLICATIONS OF CONSERVATION DEPARTMENT** **CENTRE FOR CONSERVATION OF NATURAL RESOURCES**

- ✓ Deepa G.B., Arthur Mark Selwyn and Jagannatha Rao R. 2018. "Sustainable harvesting of NTFPs and Medicinal Plants: A Participatory Process". In: Prospects in conservation of Medicinal Plants; Ed., Raghu AV, Amruth M., Md. Kunhi KV Raveendran VP and Viswanath S, KSCSTE-Kerala Forest Research Institute, Peechi. ISBN: 81-85041-99-7
- ✓ Deepa G.B., Jagannatha Rao R., Suresh H.M., Arthur Mark Selwyn and Balakrishna Pisupati. 2018. "Principles and practices of sustainable use and sustainable harvesting". The University of Trans-Disciplinary Health Sciences and Technology (TDU), India and Forum for Law, Environment, Development and Governance (FLEDGE), India.
- ✓ Deepa GB, Jagannatha R. Rao and Arthur Selwyn Mark. 2017. Global and national initiatives on policies and regulatory measures for conservation and sustainable use of medicinal and aromatic plants. In: Medicinal Plants: Benefit sharing, development, conservation; Ed., Pradeep Kumar S., Amruth M., Raghu AV, Md. Kunhi KV and Raveendran VP, KSCSTE-Kerala Forest Research Institute, Peechi. ISBN: 978-81-85041-88-1
- ✓ Arthur Selwyn Mark, Deepa GB and Jagannatha Rao R. 2017. Sustainable harvesting, value addition and marketing of wild medicinal plants: designing participatory methods and the process of field implementation – Case study from Silent Valley and Peechi Wildlife Divisions in Kerala. In: Medicinal Plants: Benefit sharing, development, conservation; Ed., Pradeep Kumar S., Amruth M., Raghu AV, Md. Kunhi KV and Raveendran VP, KSCSTE-Kerala Forest Research Institute, Peechi. ISBN: 978-81-85041-88-1
- ✓ Deepa GB. 2017. Policy brief on “New Form of Sustainable Tourism – Medicinal Plant Conservation Areas”. [www.tdu.edu.in](http://www.tdu.edu.in).
- ✓ Jagannatha Rao R. and Suresh H.M. 2015. Oushadhi Sasyagalu – Ulisi, Belesi, Balasi (in Kannada language). Karnataka Forest Department, Bengaluru.