

Centre for Research & Development of Siddha-Ayurveda Medicines

Publications

i. Book published: 3

- M.Sc. Environmental Studies – Course Material: **Paper II - Terrestrial Environment. 2004.** Published by Directorate of Distance and continuing Education, Manonmaniam Sundaranar University, Tirunelveli 627 012.
- Viswanathan, M.B., E.H. Prem Kumar & N. Ramesh. 2006. **Ethnobotany of the Kanis (Kalakkad Mundanthurai Tiger Reserve in Tirunelveli District, Tamil Nadu, India).** Pp. 1-177 + i-xii. Bishen Singh Mahendra Pal Singh, Dehradun.
- Tirumunivar & M.B. Viswanathan. 2008. **Medicinal Poems – 650.** Pp. 1-460. Tirumunivar Publications, Alwarkurichi.

ii. Published in Journals: 63

1. Hosagoudar, V. B., K. K. Lakshmanan and M. B. Viswanathan. 1988. Meliolaceae of South India - III. **Indian J. Bot.** **11**(2): 185-187.
2. Viswanathan, M. B., K.K. Lakshmanan and N. P. Balakrishnan. 1988. The confusion regarding *Phyllanthus wightianus* Muell. Arg. (Euphorbiaceae). **J. Econ. Tax. Bot.** **12** (2): 342 – 344.
3. Viswanathan, M.B. 1989. A new species of *Asplenium* L. (Aspleniaceae) from Javadi hills of North Arcot District, Tamil Nadu, India. **Curr. Sci.** **58**(6): 318-319.
4. Viswanathan, M.B. 1989. Ethnobotany of the Malayalis in the Yelagiri hills of North Arcot District, Tamil Nadu. **J. Econ. Tax. Bot.** **13**(3): 667-671.
5. Kalyani, K., K.K. Lakshmanan and M.B. Viswanathan. 1989. Medico-botanical survey of plants in Marudhamalai Hills of Coimbatore District, Tamil Nadu. **J. Swamy Bot. Cl.** **6**(3 & 4): 89-96.
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7. Viswanathan, M.B. and K.K. Lakshmanan. 1990. *Memecylon talbotianum* Brandis (Melastomataceae) - A new record for the Eastern Ghats of Peninsular India. **Indian J. Forestry** **13**(2): 174-175.

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9. Viswanathan, M.B. 1990. On the occurrence of *Ventilago goughii* Gamble (Rhamnaceae) - A rare/threatened species- in the Eastern Ghats. **Bull. Bot. Surv. India** **32**(1-4): 181-182.
10. Viswanathan, M.B. and K.K. Lakshmanan. 1991. Taxonomy of *Neonotonia wightii* (Wight & Arn.) Lackey (Papilionaceae). **J. Bombay Nat. Hist. Soc.** **88**(1): 137- 138.
11. Ranjithakani, P., S. Murugan, M.B. Viswanathan, S. Geetha and G. Lakshmi. 1992. Notes on three Rubiaceae species as new records to the Eastern Ghats in Peninsular India. **Indian J. Forestry** **13**(2): 273-275.
12. Ranjithakani, P., G. Lakshmi, S. Geetha, S. Murugan and M.B. Viswanathan. 1992. Ethnobotanical study on Kolli Hills - A preliminary report. **J. Swamy Bot. Cl.** **9**(3 & 4): 79-81.
13. Murugan, S., P. Ranjithakani and M.B. Viswanathan. 1995. Two additions as new records to the flora of Eastern Ghats in Peninsular India. **Indian J. Forestry** **18**(2): 174-175.
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15. Viswanathan, M. B. 1997. Rediscovery and relocation of a rare grass *Cyrtococcum sparsicomum* (Nees ex Steud.) A. Camus in Tamil Nadu. **J. Bombay Nat. Hist. Soc.** **94** (1): 177-179.
16. Viswanathan, M .B. 1997. Ethnobotany of Malayalis in North Arcot District, Tamil Nadu. **Ethnobotany** **9** (1&2): 77-79.
17. Viswanathan, M .B., D. Thangadurai, K. Tamil Vendan and N. Ramesh. 1999. Chemical analysis and Nutritional assessment of *Teramnus labialis* (L.) Spreng. (Fabaceae). **Plant Foods Human Nutrition** **54**(4): 345-352.
18. Viswanathan, M .B. 2000. A new species of *Capparis* (Capparaceae) from India. **Kew Bull.** **55**: 245-246.
19. Viswanathan, M. B., E. Harrison Prem Kumar and N. Ramesh. 2000. Rediscovery of a presumed extinct species, *Wendlandia angustifolia* (Rubiaceae) from KMTR in India. **J. Bombay Nat. Hist. Soc.** **97** (2): 311–313.

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23. Viswanathan, M.B. and U. Manikandan. 2001. *Polyalthia tirunelveli* (Annonaceae), a new species from Peninsular India. **Kew Bull.** **56**: 217-221.
24. Thangadurai, D., M. B. Viswanathan and N. Ramesh. 2001. Nutritional potential of biochemical components in *Galactia longifolia* Benth. (Fabaceae). **Food** **45**(2): 97-100.
25. Ramesh, N., M.B. Viswanathan, A. Saraswathy, P. Brindha, K. Balakrishna and P. Lakshmanaperumalsamy. 2001. Antibacterial activity of Luteoforol of *Bridelia crenulata*. **Fitoterapia** **72**: 409-411.
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27. Viswanathan, M.B., D. Thangadurai and N. Ramesh. 2001. Biochemical and nutritional evaluation of *Neonotonia wightii* (Wight & Arn.) Lackey (Fabaceae). **Food Chem.** **75** (3): 275–279.
28. Viswanathan, M.B. 2001. Two new species in *Memecylon* (Melastomataceae) from India. **Nordic J. Botany** **21**(3): 253-258.
29. Viswanathan, M.B. and U. Manikandan. 2001. A new species, *Memecylon mundanthuraianum*, of Melastomataceae from India. **Nordic J. Botany** **21**(3): 259 – 262.
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34. Ramesh, N., M.B. Viswanathan, A. Saraswathy, K. Balakrishna, P. Brindha and P. Lakshmanaperumalsamy. 2001. Phytochemical and antimicrobial studies in *Bridelia crenulata*. **Pharmaceutical Biol.** **39(6)**: 460-464.
35. Viswanathan, M. B. and U. Manikandan. 2001. Rediscovery of three narrow endemic and threatened members of Rubiaceae from Tamil Nadu. **Rheedea** **11(2)**: 101-108.
36. Ramesh, N., M.B. Viswanathan, A. Saraswathy, K. Balakrishna, P. Brindha and P. Lakshmanaperumalsamy. 2002. Antimicrobial and phytochemical studies of *Swertia corymbosa*. **Fitoterapia** **73(2)**: 160-164.
37. Ramesh, N., M.B. Viswanathan, A. Saraswathy, K. Balakrishna, P. Brindha and P. Lakshmanaperumalsamy. 2002. Corrigendum to "Antibacterial activity of luteoforol from *Bridelia crenulata*" [Fitoterapia 72 (2001) 409-411.] **Fitoterapia** **73 (2)**: 181.
38. Viswanathan, M.B. M. Maridass, D.Thangadurai and N.Ramesh. 2002. Chemical constituents of the fruit essential oil of *Diospyros malabarica* (Desr.) Kostel (Ebenaceae). **Acta Pharm.** **52**: 207-211.
39. Viswanathan, M.B. and U. Manikandan. 2002. Emending of an endemic and critically endangered species of KMTR, *Cinnamomum walaiwarens* Kosterm., Family Lauraceae, of Kalakkad-Mundanthurai Tiger Reserve in India. **J. Bombay Nat. History Society** **99(3)**: 557-559.
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41. Viswanathan, M.B., U. Manikandan and A.C. Tangavelou. 2002. Rediscovery of *Ardisia blatteri* Gamble (Myrsinaceae), an endemic and critically endangered species from the Kalakkad - Mundanthurai Tiger Reserve in India. **Rheedea** **12(2)**: 193-196.

42. Viswanathan, M. B., E.H. Prem Kumar and N. Ramesh. 2003. New ethnomedicines to the literature from the Kanis in the Kalakkad - Mundanthurai Tiger Reserve (KMTR) of Tamil Nadu in India. *J. Tropical Medicinal Plants* 3(2): 205-212.
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48. Viswanathan, M.B., N. Ramesh, A. Ahilan and P. Lakshmanaperumalsamy. 2004. Phytochemical constituents and antimicrobial activity from the stems of *Jatropha maheshwarii*. *Medicinal Chem. Res.* 13 (6/7): 361-368.
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56. Viswanathan, M.B. and J. Jeya Ananthi. 2009. Anti microbial activity and anti-inflammatory activity from the leaves of *Jatropha tanjorensis*. **Biosciences, Biotechnology Research Asia** **6**(1): 297-300.
57. Tamilvanan, S., G.S. Bangale, J. Jeya Ananthi, V. Sivakumar, G. Vinothapooshan, M. Palanivelu and M.B. Viswanathan. 2009. Carvedilol-loaded microadhesive buccal tablets: Influence of various Mucosdhhesive polymers on drug release behavior. **PDA J. Pharm. Sci. Technol.** **63**(3): 1-11.
58. Ramachandran, A. and M. B. Viswanathan. 2009. A new species of *Gymnema* (Asclepiadaceae) from the Kollihills in Peninsular India. **Adansonia** **31**(2): 407-411.
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63. Siva Priya, O., M.B. Viswanathan, K. Balakrishna and M. Venkatesan. 2011. Chemical constituents and *in vitro* antioxidant activity of *Phyllanthus wightianus*. **Natural Products Research** **25** (10): 949-958.

iii. Published in Books: 14

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2. Viswanathan, M. B. 1994. Biodiversity, deforestation, conservation and agroforestry: an overview. Pp. 23-29. In: N. Sukumaran, G. S. Vijayalakshmi, M. Arunachalam and M. B. Viswanathan (eds.). Orientation Course on ecology, Environment and Pollution, 12-14 February, 1994. Course Manual. Manonmaniam Sundaranar University, Sri Paramakalyani Centre for Environmental Sciences, Alwarkurichi - 627 412.
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6. Viswanathan, M.B. and V. K. Melkani. 2000. Endemic and threatened plants of the Kalakkad-Mundanthurai Tiger Reserve, Tamil Nadu. In: G. Kumaravelu & K.K. Chaudhuri. Endemic and endangered plant and animal species of Eastern and Western Ghats. Proceedings of the National Seminar held on 22nd and 23rd March 1999. Pp. 46-58. Forest Department, Government of Tamil Nadu, Chennai.

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13. Viswanathan, M.B. 2010. Invasive/Alien Species of Agasthyamalai Biosphere Reserve in Tamil Nadu of India. In: Proceedings of the Seminar on Invasive Alien Species May – 2009. R. Annamalai. (Ed.). Envis Centre, Department of Environment, Government of Tamil Nadu, Chennai 600 015, Tamil Nadu.
14. Viswanathan, M. B. 2010. Traditional medicines in drug discovery and development. Pp. 113-137. In: Marine Pharmacology Vol. 1. S. Ravikumar & K. Kathiresan, Eds. School of Marine Science, Department of Oceanography, Alagappa University, Thondi Campus, Thondi.

iv. Online Publication: http://www.southasianntaxa.org/orchid_camp.html

v. *CAMP Workshop on Orchids of the Western Ghats.* 15th – 19th May 2000, Coimbatore. Sponsored by Zoo Outreach Organization/C.B.S.G India and Institute of Forest Genetics and Tree Breeding, Coimbatore.

vi. In reports: 2

1. Zoo Outreach Organization/C.B.S.G. India. 1996. Report - CAMP II Conservation Assessment and Management Plan for selected species for Medicinal Plants of Southern India, 12-14 February 1996. Coimbatore, India.
2. Zoo Outreach Organization/C.B.S.G. India. 1997. Report - CAMP III Conservation Assessment and Management Plan for selected species for Medicinal Plants of Southern India, 16-18 January 1997. Coimbatore, India.

vii. Books edited: 2

1. Sukumaran, N., G.S.Vijayalakshmi, M. Arunachalam and M.B. Viswanathan (eds.). 1994. Orientation Course on ecology, Environment and Pollution, 12-14 February, 1994. Course Manual. Manonmaniam Sundaranar University, Sri Paramakalyani Centre for Environmental Sciences, Alwarkurichi - 627 412.
2. Sukumaran, N., M. B. Viswanathan and S. Shanmugham. 1999 (eds.). Holistic approach to Siddha and Traditional Medicines, 14th August 1999. Pp. 1-54. Editorial Organizer, Manonmaniam Sundaranar University, Tirunelveli.

viii. Pamphlet

Melkani, V. K. and M. B. Viswanathan. 1999. Kalakkad - Mundanthurai Tiger Reserve Floral Diversity. Forest Department, Tamil Nadu.