

## PROFILE

NAME : Dr. R. Manikandan  
DESIGNATION : Scientist-C  
DATE OF BIRTH : 18.05.1974  
FIELD OF STUDY : Angiosperm Taxonomy/  
Floristic diversity  
QUALIFICATIONS : M.Sc., M.Phil., Ph.D.  
SPECIAL INTEREST : Flowering plants of Western Ghats and  
Western Himalaya



PRESENTLY WORKING ON FAMILY / TRIBE / GENUS OR FLORA OF (AREA) : 1. Flora of Uttarakhand Vol. 4 (Lamiaceae, Scrophulariaceae, Lauraceae, Elaeagnaceae, Santalaceae)- [2013-2015]  
2. Flora of Sonanadi Wildlife Sanctuary, Pauri District, Uttarakhand with ecological aspects, population status of endemics and GIS mapping of plant species [2014 – 2017]

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LIST OF PUBLICATIONS : Book-2 (1 in press); Research Papers-29; Popular article-3

## DETAILS OF RESEARCH PUBLICATIONS

### Book Published: 2 (incl. 1 in press)

R. Manikandan and P. Lakshiminarasimhan, 2013. *Flora of Rajiv Gandhi National Park, Karnataka*, BSI, Kolkata.

R. Manikandan, 2014. Floristic Diversity of the family Asteraceae from Karnataka State. *High. Pl. Ind. Subcont.* (in press).

### Books/ Manuscript Submitted: 5

Manikandan, R. 2008. *Flowering Plants of Tansa Wildlife Sanctuary*, Thane District, Maharashtra [with V.P. Prasad, C.R. Jadhav] - completed and submitted the manuscript for publication.

Manikandan, R. 2008. The family Asteraceae (90 genera, 193 species including 8 varieties, 1 subspecies and 19 cultivated species) for *Flora of Karnataka*-completed and submitted the manuscript for publication.

Manikandan, R. and B.P. Balodi, 2012. *Flora of Govind Pashu Vihar Wildlife Sanctuary, Uttarakashi district, Uttarakhand* - completed and submitted the manuscript for publication.

Manikandan, R. 2010-11. *Flora of Jammu and Kashmir, Vol. 4* [Scrophulariaceae, Lamiaceae, Santalaceae, Lauraceae and Elaeagnaceae completed and submitted the manuscript for publication.

Manikandan, R. 2012-13. *Flora of Uttarakhand, Vol. 2-* [Families from Hydrangeaceae to Apiaceae, Scrophulariaceae] completed the manuscript and submitted for publication.

### **Research papers: 29**

Manikandan, R. and Abdul Hakkim. Effect of IAA and Parthenium crude extract on ground-nut and black gram. *Advances in Plant Science* 12 (2): 345-348. 1999.

Manikandan, R., H.M. Mubarak, K.N. Dhumal and K. Murugesan. Biochemical changes and rhizogenesis in Cotton treated with stanazolol and *Wedelia* plant extract. *J. Maharashtra Agric. Univ.* 28 (2): 184-186. 2003.

Manikandan, R., V.P. Prasad and P. Lakshminarasimhan. *Eriophorum comosum* (Wall.) Wall. ex Nees – A new record for Karnataka, South India. *Phytotaxonomy*.5: 93. 2005.

Manikandan, R., New Plant records for Goa and Karnataka [with Mandar N. Datar, P. Lakshminarasimhan and P.S.N. Rao]. *Rheedea* 15(2): 133-135. 2005.

Manikandan, R., P. Lakshminarasimhan and P.S.N. Rao. A Trunk Full of Water. *Hornbill* 38 (April-June). 2006.

Manikandan, R., H.M. Mubarak, K.N. Dhumal and K. Murugesan. 2007. Effect of stanazolol and *Wedelia* extract on physiology of Cotton var. Anjali. *J. Maharashtra Agric. Univ.* 32(1):76-79.

Manikandan, R. and P. Lakshminarasimhan. 2009. Plant sustaining animals in Rajiv Gandhi National park, Karnataka. *ENVIS News Letter* 14 (2): 2-3.

Manikandan, R & P. Lakshminarasimhan, 2010. Habitat and Life form analysis of Endemics in the Rajiv Gandhi National Park, Karnataka. *Indian J. Forest.* 34(4): 493-502.

Manikandan, R., 2010. Note on Endemism in Asteraceae from Karnataka State *Indian J. Forest.* 34(3): 361-374.

- Manikandan, R & P. Lakshminarasimhan, 2010. Wild edible plants of Rajiv Gandhi National Park, Karnataka. *Phytotaxonomy* 10: 47-55.
- Manikandan, R & S.K. Srivastava, 2010. Note on Parasite-host interaction of *Cassytha filiformis* L. (Lauraceae) *Indian J. Forest.* 33 (4): 637-638.
- Manikandan, R. 2010. Invasive Alien Plants of Uttarakhand Himalaya-Diversity and Implication [with Chandra Sekar, K., & S.K. Srivastava]. *Proc. Natl. Acad. Sci., India*, 82 (3):375-383.
- Manikandan, R., K. Chandra Sekar & S.K. Srivastava, 2011. Life-form analysis of the family Lamiaceae in Jammu & Kashmir, India. *Phytotaxonomy* 12:7-19.2012.
- Manikandan R. & P. Lakshminarasimhan. 2011. Habitat based Pteridophyte diversity from Rajiv Gandhi National Park, Karnataka, India. *Indian J. Forest.* 34(4): 493-502.
- Manikandan, R & P. Lakshminarasimhan, 2012. Checklist of Flowering Plants of Rajiv Gandhi National Park, Karnataka. *Check List* 8 (6): 1047-1051.
- Manikandan R. & S.K. Srivastava. 2012. Habitat and life form analysis of endemic taxa in the family Asteraceae from Karnataka State. *Indian Forest.* 139 (1): 49.
- Manikandan, R., S.K. Srivastava, 2010. Family Lamiaceae in Jammu & Kashmir, India. *High. Pl. Ind. Subcont.* [*Indian J. Forest. Addl. Ser.*] Pg. 1-61
- Manikandan R. 2014. Floristic Diversity of the family Asteraceae from Karnataka State. *High. Pl. Ind. Subcont.* [*Indian J. Forest. Addl. Ser.*] Pg. 127-270.
- Manikandan, R., S.K. Srivastava and K. Chandrasekar. 2014. The family Scrophulariaceae in Jammu & Kashmir, India. *High. Pl. Ind. Subcont.* [*Indian J. Forest. Addl. Ser.*] Pg. 62-126.
- Manikandan, R., S.K. Srivastava & B.P. Uniyal. 2013. A new name for *Sedum pedicellatum* N.B. Singh & U.C. Bhattach. [Crassulaceae] *J. Jap. Bot.* 88: 389. 2013.
- Manikandan, R., H.M. Mubarack, and K.N. Dhumal. 2002. Effect of stanozolol and *Wedelia* plant extract on growth physiology in Cotton. *National Seminar on Current Trend in Plant Sciences* on 25<sup>th</sup>- 28<sup>th</sup> March 2002, University of Pune, Pune.
- Manikandan, R., P. Lakshminarasimhan and P.S.N. Rao. 2005. Plants Endemic to India Recorded from Rajiv Gandhi National Park, Karnataka. *National Seminar on Current Trends in Plant Resources Utilization* on 26<sup>th</sup> -27<sup>th</sup> February, 2007, University of Pune, Pune.

Manikandan, R., P. Lakshminarasimhan and P.S.N. Rao. 2005. *A Note on Floristic Diversity of Rajiv Gandhi National Park, Karnataka*. 16<sup>th</sup> Annual Conference of the IAAT from 4<sup>th</sup> to 6<sup>th</sup> October' 2006 at Agarkar Research Institute, Pune.

Manikandan, R., P. Lakshminarasimhan and P.S.N. Rao. 2005. *A Note on Floristic Diversity of Rajiv Gandhi National Park, Karnataka*. 16<sup>th</sup> Annual Conference of the IAAT from 4<sup>th</sup> to 6<sup>th</sup> October' 2006 at Agarkar Research Institute, Pune.

Manikandan R., 2013. Wild edible plant resources in Govind Pashu Vihar Wildlife Sanctuary Uttarakashi District, Uttarakhand. In: Abstracts of the seminar 'Prospective Research Areas in Taxonomy and Ethnobiology in next Ten Years' organized on 1<sup>st</sup> August 2013 at BSI, Dehradun by BSI in collaboration with the Association of Plant Taxonomy (APT), Society of Ethnobotanists (SEB) and S.K. Jain Institute of Ethnobiology. Pp. 37. 2013.

Manikandan R., 2013. Floristic Wealth of Govind Pashu Vihar Wildlife Sanctuary Uttarakashi District, Uttarakhand. *Ibid*. Pp. 38. 2013.

### **Popular articles**

Manikandan, R & P. Lakshminarasimhan, 2010. *Rajiv Gandhi Rashtriya Udyaan ki vanaspatik vividhata- Ek Sanchipt parichya*. *Vanaspati vani* 19: 60-62.

Manikandan R., Hembrom M.E. & Brijesh Kumar. 2011. *Govind Pashu Vihar vanya jeev Abhyaranya Uttarakashi, Uttarakhand ke vanaspati jat ka parichay*. *Vanaspati Vani* 20: 1-12.

Manikandan, R., Arvind Kumar & S.K. Srivastava, 2013. *Sunderdhuga shetra ki vanaspatik jaib vividhata avam vanaspatik aushoudhiyo ka upayog*. *Vanaspati Vani* 22: 82-86. 2013.