

Dr. M. Bhupathi Rayalu, M.Sc., Ph.D.

Contact Information

Office Address:

Dr. M. Bhupathi Rayalu
Lecturer, Dept. of Botany
Y.V.N.R. Govt. Degree College
Kailauru-521333
Krishna Dist., A.P., India.

Mobile: +91970537344

E-Mail: bhupathirayalu@gmail.com



Research Interests:

Plant-Insect Interactions, Conservation of Biodiversity in butterflies through captive breeding techniques.

Education:

Ph.D., awarded in Department of Botany, Andhra University, Visakhapatnam, Andhra Pradesh, India in August, 2010. Thesis title: **“Studies on Life History and Larval Performance of Some Tropical Butterfly Species”**.

M.Sc. Botany, with specialization in Cytogenetics and Plant Pathology, Andhra University, Visakhapatnam. 2004-2006 first class, 67%

Research Experience:

Worked as Project Fellow in UGC Project entitled **“Butterfly diversity in different vegetation types, Captive breeding and Conservation management”** from August 2006 to September, 2008.

Teaching Experience:

8 months

Fellowships:

Research Fellowships in Science for Meritorious Students (RFSMS) by University Grants Commission (UGC), New Delhi, India from September, 2008 to November, 2009.

PUBLICATIONS

International Publications (6):

1. **M. Bhupathi Rayalu**, K. Ella Rao, D. Sandhya Deepika and J.B. Atluri. Life History and Larval Performance of the Peacock pansy butterfly, *Junonia almanac* Linnaeus (Lepidoptera: Rhopalocera: Nymphalidae). IOSR Journal of Environmental Science, Toxicology and Food Technology. 2012. 1(2): 17-21.
2. J.B. Atluri, K. Chinna Rao, **M. Bhupathi Rayalu** and D. Sandhya Deepika. Host plant utilization of butterflies at Visakhapatnam. The Bioscan. 2012. 7(1): 17-21.
3. **M. Bhupathi Rayalu**, M. Tarakeswara Naidu, J.B. Atluri, and C. Subba Reddi. Life history and larval performance of the Joker butterfly, *Byblia ilithyia* (Lepidoptera: Rhopalocera: Nymphalidae). Journal of Entomological Society of Iran. 2011. 31 (1): 71-85.
4. J.B. Atluri, K. Chinna Rao, D. Sandhya Deepika and **M. Bhupathi Rayalu**. Butterfly species richness and seasonality in the *Anacardium* plantations. The Bioscan. 2011. 6(2): 249-252.
5. J.B. Atluri, B. Samatha, **M. Bhupathi Rayalu**, D. Sandhya Deepika and C. Subba Reddi. Ecobiology of the Common castor butterfly *Ariadne merione merione* (Cramer) (Lepidoptera: Rhopalocera: Nymphalidae). Journal of Research on the Lepidoptera. 2010. 42: 13-20
6. J.B. Atluri, **M. Bhupathi Rayalu**, and D. Sandhya Deepika and C. Subba Reddi. Ecobiology of the South Indian palmfly *Elymnias caudate* Butler (Lepidoptera: Rhopalocera: Nymphalidae: Satyrinae). Proceedings of the National Academy of Sciences (section-B, Biological Sciences). 2010. 80 (Part II): 128-134.

National Publications (2):

7. J.B. Atluri, B. Samatha, **M. Bhupathi Rayalu**, D. Sandhya Deepika and C. Subba Reddi. Ecobiology of the South Indian palmfly *Elymnias caudate* Butler (Lepidoptera: Rhopalocera: Nymphalidae: Satyrinae). Proceedings of the National Academy of Sciences (9section – B, Biological Sciences). 2010. 80 (Part II): 128-134.
8. B. Samatha, **M. Bhupathi Rayalu**, J.B. Atluri and C. Subba Reddi. Life history and larval performance of the Psyche butterfly *Leptosia nina* (Rhopalocera: Pieridae). National Academy Science Letters. 2008. 31 (Vol. 1&2), 45-49.

Communicated (2):

9. **M. Bhupathi Rayalu**, K. Chinna Rao, J.B. Atluri and S.P. Venkata Ramana. Life History and Larval Performance of the Monkey puzzle butterfly, *Rathinda amor* Fabricius (Lepidoptera: Rhopalocera: Lycaenidae) from India. Taiwan National Museum Journal.

- 10. M. Bhupathi Rayalu**, V. Krishna Kumari and K. Chinna Rao. Life History and Larval Performance of the Tiny Grass Blue butterfly, *Zizula hylax hylax* Fabric us (Lepidoptera: Lucaenidae). Advances in BioResearch.

CONFERENCES / SEMINARS / WORKSHOPS (4)

1. One day workshop on Flying Jewels – Conservation through Captive breeding. Department of Botany, Andhra University, Visakhapatnam, 21st February, 2009.
(Organized as resource person)
2. Life history and Food utilization efficiency of Nymphalid butterfly *Junonia iphita*. **M. Bhupathi Rayalu**, D. Sandhya Deepika, J.B. Atluri, and C. Subba Reddi. International Seminar on Plant Biotechnology and Genomics Towards a New Green Revolution (ISPBG 2009), Yogi Vemana University, Kadapa, February 6-9, 2009.
3. Pollination Ecology of the Myrobalan tree *Terminalia chebula* (Combretaceae). J.B. Atluri, **M. Bhupathi Rayalu** and C. Subba Reddi.
15th National Conference on Aerobiology & National Symposium on “Airspora- Impact on Plant, Animal and Human Health”, Department of Life Sciences, Manipur University, Canchipur, Imphal, March 6-8, 2009.
4. Life history and Food utilization efficiency of Nymphalid butterfly *Phalanta*. **M. Bhupathi Rayalu**, D. Sandhya Deepika, J.B. Atluri, and C. Subba Reddi.
1st AP Science Congress. Emerging Trends in Science and Technology. Osmania University, Hyderabad, November, 14-16, 2008.

Date: 19-10-2012

Place: Kaikaluru

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