



Name : Dr. Rashmi A. Morey

Office Address: Department of Zoology
Prof. Ramkrishna More Arts, Commerce and Science College,
Akurdi, PUNE – 411044 Maharashtra INDIA

Email: rashmi@pdearmacs.edu.in, moreyrashmi@gmail.com

Designation: Professor

Teaching Experience: 19 Years

Research Area- Urban entomology, Vector management, Insect pest control, Biodiversity,
Molecular Taxonomy

Research gate: <https://www.researchgate.net/profile/Rashmi-Morey>

Linked in: <https://www.linkedin.com/in/rashmi-morey-1a68b71a5/>

- ***Recognised Research Guide in Zoology, SPPU, Pune***
- **1 Ph.D. and 2 M.Phil. Degree Awarded**
- **5 Ph.D. Students registered**
- **Coordinator**, Research centre in zoology, Prof. Ramkrishna More College, Akurdi, Pune
- Publications in journals: Elsevier, Springer, UGC Care list.
- Citations -**146**
- h -Index-**3**
- i10- index-**2**
- **One UGC research project**
- Coordinator **_DBT Star college scheme-** Lead role in getting prestigious **STAR COLLEGE STATUS** for the college from DEPARTMENT OF BOTECHNOLOGY, New Delhi.
- Collaborative Project with Industry: **Ongoing**

❖ **Patent-**Arthropod collecting device Design Number 347207-001, date of issue 05/10/2021

RESEARCH ARTICLE PUBLICATIONS

Shabnam, **R. Morey** and K.P.Dinesh (2023) The Role of DNA Barcodes as a tool to Expedite the Faunal Documentation from a Biodiversity Hotspot in the Western Ghats, India, *Advances in Environmental Research*, Vol.96, ISBN:979-8-88697-962-6@2023Nova Science Publishers, Inc.

Neha Srivastava, Abhay Khandagle, **Rashmi Morey** and Kishor Raut (2023) GCMS Analysis of petroleum ether extract of *Datura stramonium* and *Morus alba* against *Aedes aegypti*, *Indian Journal of Natural Products and Resources* Vol.14(1), March 2023, pp.97-106 DOI:10.56042/ijnpr. v14i1.1140

- Rita Deb, Pallavi Takawane, **Rashmi Morey**, Sandeep Pokale, Bithika Baidya and Akash Bagade (2023) Diversity of Aquatic Beetles in relation to water quality from Khadakwasla Dam,Pune, Indian Journal of Entomology,DOI.No:10.55446/IJE.2023.1513
- Neha Srivastava, **Rashmi Morey** and Abhay Khandagle (2023) Larvicidal,Ovicidal,oviposition deterrant and adulticidal activity of *Tagetes erecta* and *cymbopogan nardus* against *Culex quinquefasciatus* and their GCMS analysis.Eco.Env&Cons.29(1):2023;pp(466-474) ISSN 0971-765X
- Pallavi Takawane, Rita Deb, **Rashmi Morey**, Abhay Khandagle, Sandeep Pokale (2023) Diversity of Aquatic Beetles (Insecta:Coleoptera)with respect to Physico-chemical parameters of Pawana River,Pune,Maharashtra.,Jrnl of Maharaja Sayajirao University of Baroda, Vol(56)No.1(VIII)2022 ISSN:0025-0422.
- N. Srivastava, **R. Morey** and A. Khandagle (2023) Larvicidal, ovicidal, ovipositional deterrent and adulticidal activity of *Tagetes erecta* and *Cymbopogan nardus* against *Culex quinquefasciatus* and their GC-MS analysis, Eco. En & Cons.29(1): pp (466-474) ISSN0971-765X
- Neha Srivastava, Abhay Khandagle, **Rashmi Morey**, Kishor Raut (2022) Characterization of Some Medicinal Plants and their role in Mosquito control, Egypt.Acad.J.Biology.Sci.,14(2):189-197 ISSN:2090-0783
- R. A. Morey** and A. J. Khandagle (2020) Bioactivity of plant essential oil against potato Tuber Moth,*Pthorimaea operculella* Zeller (Lepidoptera:Gelechiidae)Egypt.Acad.J.Bilog.Sci.,13(2):15-56ISSN-1687-8809
- Abhay Khandagle and **Rashmi Morey** (2020) Silver Nanoparticles of *Eucalyptis grandis* as a possible Insecticide Against Mosquito Vectors, Egypt.Acad.J.Biolog.Sci.,13(1):173-176(2020), ISSN 1687-8809
- Dnyaneshwar Doke, **Rashmi Morey**, Abhay Khandagle (2019) Influence of temperature on the feeding behavior of the *Diplonychus rusticus* Fabricius (1871) (Heteroptera:Belostomatidae) International Jrnl of Entomol.Research,Vol.5Issue 1Jan 2020,pp103-106 ISSN2455-4758.
- Gayatri D. Rajgurav, Abhay J. Khandagle and **Rashmi Morey** (2018), Study on Spider Diversity in Ambegaon Tehsil, Pune, Maharashtra, Asian Journal of Agriculture and Life Sciences, Vol 3 (1) Oct 2017, 19-23 ISSN 2455-6149.
- Dnyaneshwar Doke, **Rashmi Morey**, Neelesh Dahanukar, Sameer Padhye, Shruti Paripatyadar (2017) Ontogenetic trajectory and allometry of *Diplonychus rusticus* (Fabricius), an Oriental aquatic bug (Hemiptera: Belostomatidae) from the Western Ghats of India, Arthropod Structure and Development, Vol. 46, Issue 2, March 2017, Page 297-303.
- Abhay Khandagle and **Rashmi Morey** (2017) Botanicals as potential insecticides against *Culex quinquefasciatus* Say and *Aedes Aegypti* Linnaeus, Asian Journal of Agriculture and Life Sciences, Vol 2 (4) Oct 2017, 41-17 ISSN 2455-6149
- Morey Rashmi** and Khandagle A.J (2017) Bioactive Potential of three plant essential oils against *Musca domestica* L., Annals of Natural Sciences, Vol 3 (3), 70-75; e ISSN- 2455-667X
- Abhay Khandagle, Vrushali Tare, Kishor Raut, **Rashmi Morey** (2011) Bioactivity of essential oils of *Zingiber officinalis* and *Achyranthes aspera* against mosquitoes. - Parasitol Res. 2011 Aug;109 (2):339-43.

Morey R.A., Khandagle A. J. (2012) Bioefficacy of essential oils of medicinal plants against housefly, *Musca domestica* L -. Parasitol Res.2012 Oct;111(4):1799-805.

PAPER PRESENTED IN SEMINARS, CONFERENCES, SYMPOSIA, WORKSHOPS

- Paper presented on Evaluation of insecticidal properties of plant essential oils against *Musca domestica* L. at the XXV international Congress of entomology (ICE2016) during 25 Sept.to 30th sept.2016 at **Orlando, Florida, USA.**
- Paper presented on Evaluation of crude extract of *Citrus limon* and *Ocimum basilicum* against *Musca domestica* L.at National Conference on Environment and development held at Dr. B.N.P. arts, Smt. S.G.G. com. And science college Lonavla. During 9th and 10th September 2017
- Paper presented on ‘Importance of animal dissection in understanding Zoology’. In National conference on ‘Animal Dissection-Need and alternatives’ at Dr. B.N. P. arts, Smt.S.G.G. com. And science college Lonavla on 3rd and 4th Feb 2017
- Paper presented in National Conference on Faunal Diversity: Assessment and Conservation; held at Modern College, Ganeshkhind, Pune (from 22nd to 23rd January 2016) on Plant product assessment for ecofriendly pest/vector management.
- Paper presented on Effects of some plant oils on various biochemical parameters of, *Phthorimaea operculella* (zeller), "International Symposium on New Processes and Applications for Plant and Microbial Products (ISNPMP-2012), New Delhi, 14 -15/02/2012.

PH.D. STUDENTS REGISTERED:

Shabanam Ansari- “Taxonomy, systematics and phylogenetics of some wood roaches form the Western Ghats.” (August-2022).

Bithika Baidya- “A study of diversity and taxonomy of family Pentatomidae (Hemiptera:Heteroptera) from Pune ,Maharashtra”. (April-2022).

Sachin Lakre- “Study of distribution, behavior and prevention of three mosquito species in some parts of Maharashtra”. (April-2022).

Gajanan Mane- “Studies on Gut Fungal Diversity and Bioprospecting of Wood Feeding Termites (Family- Termitidae) From North Western Ghats”. (April-2020).

Neha Srivastava- “Bio efficiency of plant products for effective mosquito management” .(August-2018).

CO-CURRICULAR INVOLVEMENT:

- ❖ **Life Member of ISCB, India**
- ❖ **Life member of Indian society for reproductive biology and comparative endocrinology.**
- ❖ **Life member, National Academy of Vector Borne Diseases.**
- ❖ **Member of syllabus restructuring committee for PG, SPPU, Pune.**