

CURRICULUM VITAE - Ashish Nambiar, M.Sc.

PhD student (EEB), Indiana University, Bloomington

Website: [Chaotic Ecosystems \(wordpress.com\)](http://ChaoticEcosystems.wordpress.com)
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Education

PhD Evolution, Ecology and Behaviour (EEB) **2023 -**
- Indiana University, Bloomington
(Advisor: [Dr. Richard Phillips](#))

M.Sc. Wildlife Science – Wildlife Institute of India (CGPA- 8.01) **2019 - 2021**
(Advisors: [Dr. Navendu Page](#) & [Dr. Meghna Krishnadas](#))

Thesis title - *Functional trait variation within and across woody plant species along an elevation gradient.*

[\(1\) \(PDF\) Functional trait variation within and across woody plant species along an elevation gradient \(researchgate.net\)](#)

B.Sc. Biology (Honours) – Azim Premji University (CGPA- 7.45) **2016 – 2019**

(Advisors: [Dr. Jayanti Ray Mukherjee](#) & [Dr. Shomen Mukherjee](#))

Thesis title - *Ecology of free ranging dogs in a peri-urban space.*

[\(1\) \(PDF\) Ecology of Free-Ranging Dogs in a Peri-urban Space \(researchgate.net\)](#)

Manuscripts in Preparation

Nambiar, A., Page,N., Krishnadas, M. Uncovering Intra-specific and Interspecific Functional Trait Patterns in Woody Plants along an Elevational Gradient. (In review – Journal of vegetation science)

Premugh, V., Das, R., **Nambiar, A.**, Krishnadas, M. The role of Intraspecific trait variation in driving species distributions and habitat associations of tree seedlings

Professional Experience

Research associate - Laboratory of conservation of endangered species (LaCONES)

Project - Tackling trade-offs? Understanding how trait coordination for drought- and shade-tolerance regulates seedling dynamics in fragmented wet tropical forests

Oct 2021- present

[People - the CaFE lab \(weebly.com\)](http://people-the-cafe-lab.weebly.com)

Volunteer Experience

Madras crocodile bank trust, Chennai

2016

- Animal husbandry and zoo-keeping related tasks such as cleaning of pens, feeding and cleaning of animals in captivity.
- Conducting information sessions and interaction with park visitors.

Friends of Snakes Society, Hyderabad

2013 - 2014

- Work involved rescue of snakes from urban localities followed by rehabilitation and release.
- Conducting education demonstrations at the Nehru Zoological Park and other location in City.
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Computer skills

- Have a sound knowledge of **MS office** and **R-markdown** for academic and research related work.
 - Have a practical knowledge of using **R** and **R studio** for data wrangling, data visualization and statistical analysis.
 - [R-tistry – Chaotic Ecosystems \(wordpress.com\)](http://R-tistry-chaoticecosystems.wordpress.com)
 - Have a practical knowledge of softwares for spatial analyses - **QGIS**, **Google earth Pro** and **Google earth engine**.
 - Have experience with using softwares for population estimation **CAPTURE**, **MARK**, and **CLOSETEST**.
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- **Languages Spoken:** English, Hindi, Malayalam

Field skills

- Familiar with using botanical keys for plant identification.
- Have practical knowledge of laying transects and plots.
- Have experience working with a team to census seedlings and collect functional trait data.
- Have experience collecting data on environmental variables such as soil moisture and light availability.

Science communication

Blog essay – “Paws on the streets – An urgent issue that the Indian society fails to acknowledge and deal with”

[Paws on the streets – An urgent issue that the Indian society fails to acknowledge and deal with. – Chaotic Ecosystems \(wordpress.com\)](#)

Data synthesis

Meta-analysis - A global review of the impact of livestock grazing on plant communities using the meta-analysis approach

[A global review of the impact of livestock grazing on plant communities using the meta-analysis approach – Chaotic Ecosystems \(wordpress.com\)](#)

Hobbies and Interests

- Sports – Basketball, Squash, Swimming and Calisthenics
- Hobbies – Playing the guitar, Listening to music