

Pallavi Ghaskadbi, Ph.D.

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EDUCATION

- Ph.D. 2023 Wildlife Science: Wildlife Institute of India, India.**
*Thesis: "Ecology of the Asiatic Wild dog (*Cuon alpinus*) with insights into behaviour and co-predator interactions."*
- M.Sc. 2015 Master's in Wildlife Science: Wildlife Institute of India, India.**
Dissertation title: "A whistle amongst growls: Dholes in a multi predator system in dry deciduous forests of India."
- B.Sc. 2013 Bachelor's in Zoology and Botany: St.Xavier's College, Mumbai, India.**

LIST OF PUBLICATIONS

Scientific Papers

- **Ghaskadbi, P.**, Nigam, P., & Habib, B. (2022). Stranger Danger: Differential response to strangers and neighbors by a social carnivore, the Asiatic wild dog (*Cuon alpinus*). **Behavioral Ecology and Sociobiology**, 76(7), 86. [Link](#)
- **Ghaskadbi, P.**, Bathla, N., Bhandari, A., Modi, S., Nigam, P., & Habib, B. (2022). Feeding ecology of the endangered Asiatic wild dogs (*Cuon alpinus*) across tropical forests of the Central Indian Landscape. **Scientific Reports**, 12(1), 1-11. [Link](#)
- Hussain, Z., **Ghaskadbi, P.**, Panchbhai, P., Govekar, R., Nigam, P., & Habib, B. (2022). Long-distance dispersal by a male sub-adult tiger in a human-dominated landscape. **Ecology and Evolution**, 12(9), e9307. [Link](#)
- Modi, S., Mondol, S., **Ghaskadbi, P.**, Nigam, P., & Habib, B. (2022). Genetic evidence of differential dispersal pattern in the Asiatic wild dog: Comparing two populations with different pack sizes. **Frontiers in Ecology and Evolution**, 10, 1169. [Link](#)
- **Ghaskadbi, P.**, Das, J., Mahadev, V. and Habib, B. 2021. First record of mixed species association between dholes and a wolf from Satpura Tiger Reserve, India. **Canid Biology & Conservation** 23(4): 15-17. [Link](#)
- Habib, B., **Ghaskadbi, P.**, Khan, S., Hussain, Z., & Nigam, P. (2021). Not a cakewalk: Insights into movement of large carnivores in human-dominated landscapes in India. **Ecology and Evolution**, 11(4), 1653-1666. [Link](#)
- Bhandari, A., **Ghaskadbi, P.**, Nigam, P., & Habib, B. (2021). Dhole pack size variation: Assessing the effect of Prey availability and Apex predator. **Ecology and Evolution**, 11(9), 4774-4785. [Link](#)
- Modi, S., Habib, B., **Ghaskadbi, P.**, Nigam, P., & Mondol, S. (2019). Standardization and validation of a panel of cross-species microsatellites to individually identify the Asiatic wild dog (*Cuon alpinus*). **PeerJ**, 7, e7453. [Link](#)
- Modi, S. Mondol, S., **Ghaskadbi, P.**, Hussain, Z., Nigam, P., Habib, B. (2018). Non- invasive DNA-based species and sex identification of Asiatic wild dog (*Cuon alpinus*). **Journal of Genetics**, 97(5):1457-1461. [Link](#)
- **Ghaskadbi, P.**, Habib, B., & Qureshi, Q. (2016). A whistle in the woods: an ethogram and activity budget for the dhole in central India. **Journal of Mammalogy**, 97(6), 1745-1752. [Link](#)
- **Ghaskadbi, P.**, Habib, B., Mir, Z., Ray, R., Talukdar, G., Lyngdoh, S., Pandav, B., Nigam, P. & Kaur, A. (2016). Rusty-spotted Cat in Kalesar National Park and Sanctuary, Haryana, India. **Cat News** 63: 28–29. [Link](#)
- Davate, M., Chatterjee, N., Dashahre, A., Habib, B., Nigam, P., Trivedi, M., Garad, G., & **Ghaskadbi, P.** (2015). Recent records of rusty-spotted cat in dry deciduous forest of Tadoba, Maharashtra, India. **Cat News** 62: 22–23. [Link](#)
- **Ghaskadbi, P.** 2010. "Sighting of Blue-throated Flycatcher *Cyornis rubeculoides* in Pune, India". **Indian BIRDS** 6 (6): 174A. [Link](#)

Reports

- Habib B., Nigam P., Mondal I., Hussain Z., **Ghaskadbi P.**, Govekar R. S., Praveen N. R., Banerjee J., Ramanujam R. M. and Ramgaonkar J. (2021): Telemetry based tiger corridors of Vidarbha Landscape, Maharashtra, India. Technical Report, Wildlife Institute of India, Dehradun. Pp. 39.
- Habib, B., Nigam P., **Ghaskadbi, P.**, Gomes, L., Praveen, N. R., Sinha, V., Ladkat, N. S., Guruprasad, G. and Bhagwat, S. (2020): Status of Tigers, Co-Predator and Prey in Tadoba Andhari Tiger Reserve (TATR) 2019. Wildlife Institute of India & Maharashtra Forest Department. TR. No. 2020/05 – Pp 47.
- Habib, B., Nigam P., **Ghaskadbi, P.**, Gomes, L., Praveen, N. R., Sinha, V., Ladkat, N. S., Guruprasad, G. and Bhagwat, S. (2019): Status of Tigers, Co-Predator and Prey in Tadoba Andhari Tiger Reserve (TATR) 2018 – Pp 41.
- Habib, B., Nigam, P., Mondol, I., **Ghaskadbi, P.**, and Hussain, Z. (2018). Forest Fragments in Eastern Vidarbha Landscape, Maharashtra. The Tig – Saw Puzzle. Wildlife Institute of India and Maharashtra Forest Department – TR No. 2018/17Pp 37.
- Habib, B., Nigam P., Chatterjee, N., Madhura, D., **Ghaskadbi, P.**, Gomes, L., Trivedi, M., Sinha, V., Mankar, K. and Narwane, G. P. (2018): Status of Tigers, Co-Predator and Prey in Tadoba Andhari Tiger Reserve (TATR) 2017 – Pp 44.
- Habib, B., Nigam P., **Ghaskadbi, P.**, and Hussain, Z. (2017). Collars and Crossing Zones: Highway crossing zones identified using telemetry data of tigers in the Eastern Vidarbha Landscape, Maharashtra, India Wildlife Institute of India, Dehradun and Maharashtra Forest Department. Pp 14.)
- Habib, B., Nigam P., Mondal, I., **Ghaskadbi, P.**, and Hussain, Z. (2017). Ensuring Safety In The Killer Fields: Identifying potential villages for measures to reduce electrocution of Tigers and associated species in Eastern Vidarbha Landscape, Maharashtra, India. Wildlife Institute of India, Dehradun, National Tiger Conservation Authority and Maharashtra Forest Department. Pp 115.)
- Habib, B., G. Talukdar, S. Lyngdoh, B. Pandav, P. Nigam, A. Kaur, **Ghaskadbi, P.**, & R.M. Zaffar (2015). Ecological status of the leopard (*Panthera pardus*) in Kalesar National Park, Haryana, India. Project Completion Report. Haryana Forest Department & Wildlife Institute of India, 52pp.
- Habib, B., Nigam P., Chatterjee, N., Madhura, D., Dashahre, A., **Ghaskadbi, P.**, Garad, G. P., Sinha, V., Kalaskar, A. S., and Narwane, G. P. (2015): Status of Tigers, Co-Predator and Prey in Tadoba Andhari Tiger Reserve (TATR) – Pp 62.

Books:

- Habib, B., **Ghaskadbi, P.**, Gomes, L., Markandey,, N., Nigam P., Praveen N.R., Ramgaonkar, J. (2021). Field guide to leopards of Tadoba– First Edition. Wildlife Institute of India and Maharashtra Forest Department, Pp. 490. ISBN – 81-85496-58-7.
- Habib, B., Gomes, L., **Ghaskadbi, P.**, Markandey, N., Nigam P., Praveen N.R., Ramgaonkar, J. (2021). Field guide to tigers of Tadoba– Second Edition. Wildlife Institute of India and Maharashtra Forest Department, Pp. 338. ISBN – 81-85496-59-5
- Habib, B., Nigam P., Chatterjee, N., Davate, M., **Ghaskadbi, P.**, Trivedi, M., Sinha, V., Mankar, K. and Narwane, G. (2018). Field guide to tigers of Tadoba– First Edition. Wildlife Institute of India and Maharashtra Forest Department, Pp. 218. ISBN – 81-85496-32-3.

Popular publications:

- **Ghaskadbi, P.** 2022. What's on the menu for India's most endangered canid?. DownToEarth Magazine. <https://www.downtoearth.org.in/blog/what-s-on-the-menu-for-india-s-most-endangered-canid--84692>
- **Ghaskadbi, P.**, et al. 2017. A tale of two brothers: Felids in fields. *Saevus*. Vol. 6 Issue 1: 26–33.
- Habib, B., Nigam, P., Garad, G., Sinha, V., Kalaskar, A., Narawane, G., **Ghaskadbi, P.**, Chatterjee, N., Davate, M., & Dashahre A. 2016. Gabbar: The Battle-Scarred Survivor. *Sanctuary Asia*. Vol. XXXVI No. 12: 40–45.
- **Ghaskadbi, P.** 2015. "The Whistling Hunter". *Saevus*. Vol. 4 Issue 8: 20–29.
- Habib B., and **Ghaskadbi, P.** 2014. Species Focus: Desert Fox : On the Sly. *Sanctuary Asia*. Vol. XXXIV No. 4: 74–79.

GRANTS AND AWARDS RECEIVED

- CSIR Travel Grant for presenting at Annual Meeting of BES at Belfast, Northern Ireland (2019).
- Dhole Conservation Fund Award for travel and presentation at Annual Meeting of BES at Belfast, Northern Ireland (2019).
- Photography Awards at the Annual Research Seminar, Wildlife Institute of India (2019).
- Best Oral Presentation at the Annual Research Seminar, Wildlife Institute of India (2016).
- Best Oral Presentation at the Annual Research Seminar, Wildlife Institute of India (2015).
- Best e-Poster Presentation at the Internal Annual Research Seminar, Wildlife Institute of India (2015).
- Student Travel Grant by Wildlife Trust of India Grant for attending the International Conference – Behaviour, Cairns, Australia (2015).
- Sheila Joseph Scholarship for Obtaining Highest In Zoology And Continuing Post Graduation In Related Field (2015).

TEACHING EXPERIENCE

- **Teaching Assistant | Wildlife Health Management Course, Sariska Tiger Reserve, Rajasthan, India, 2017 | Zoological Society London – Wildlife Institute of India | 2017**
 - Assisted senior professors in conducting the Ecology Module of the Wildlife Health Management workshop.
 - Trained students in field monitoring skills and accompanied them for field surveys.
- **Teaching Assistant | Wildlife Institute of India | 2016-2019**
 - Teaching and capacity building exercises for the field staff and officers of the State Forest Departments.
 - Conducted workshops to train forest staff in camera trapping, radio-telemetry, methodology for national tiger census, line transect sampling.
- **Academic Mentoring**
 - I have mentored 7 students during the course of my PhD. Below are selected students and mentoring experience 2016-2023.

Student	Academic Institution	Degree	Year
Daniela Salazar	St. Xavier's College	Intern	2019
Wenzel Pinto	St. Xavier's College	Intern	2019
Kunjan Joshi	Wildlife Institute of India	Junior Research Fellow	2018-19
Pandurang Pawar	Wildlife Institute of India	Junior Research Fellow	2018-19
Shashank Munjamkar	Wildlife Institute of India	Intern	2017
Vaidehi Shah	University of Baroda	Master's Thesis	2016-17

CONFERENCES / SEMINARS

- Annual Meeting of British Ecological Society (BES) at Belfast, Northern Ireland (2019). Oral presentation in the Behavioural Ecology Session titled “A dhole lot of movement: Spatial ecology of the endangered Asiatic wild dog (dhole) in Tadoba-Andhari Tiger Reserve, India”.
- Central Indian Landscape Symposium, Melghat (2019). Attended.
- Dhole PHVA Workshop Meet, Kasetsart University, Thailand (2019). Presented the work on dhole ecology and took part in the quantitative assessment of extinction risk of dholes through a process known as ‘population viability analysis’. We compiled, evaluated, and synthesized data to build a framework for conservation actions for the endangered species.
- Internal Annual Research Seminar (IARS) and Annual Research Seminar (ARS), WII, India (2019). Oral presentation in IARS Large Carnivore Ecology session titled “Dear enemies vs Nasty Neighbours: Inter-pack interactions in Asiatic wild dogs (*Cuon alpinus*) in Tadoba-Andhari Tiger Reserve, Maharashtra, India”.
- Internal Annual Research Seminar (IARS) and Annual Research Seminar (ARS), WII, India (2018). Oral presentation in ARS Large Carnivore Ecology session titled A ‘dhole’ lot of movement: spatial ecology of Asiatic wild dog in Tadoba Andhari Tiger Reserve, Maharashtra, India”.
- Internal Annual Research Seminar and Annual Research Seminar, WII, India (2017). Attended
- Internal Annual Research Seminar (IARS) and Annual Research Seminar (ARS), WII, India (2016). Oral presentation in IARS Large Carnivore Ecology session titled “A walk to remember: insights into tiger movement across human dominated landscape in Maharashtra, India”.
- Internal Annual Research Seminar (IARS) and Annual Research Seminar (ARS) WII, India (2015). Oral presentation in ARS MSc Dissertations Session titled “Whistle amongst growls: Dholes in a multi-predator system in dry deciduous forests of India”. E-poster presentation in IARS titled “Ecological status of leopards in Kalesar National Park and Wildlife Sanctuary, Haryana, India: Preliminary Results Preliminary Results”.
- Behaviour, Cairns, Australia (2015). Attended.

EXPERIENCE

- **Ph.D. Scholar | Wildlife Institute of India | Jun 2017 – Sep 2022**
 - Title: Ecology of the Asiatic Wild dog (*Cuon alpinus*) with insights into behaviour and co-predator interactions.
 - Conducted behavioural experiments to test the ‘dear enemy hypothesis’ within dhole packs based on familiarity of scents.
 - Radio-collared dholes to study their home ranges and movement patterns in a habitat with competition between other large carnivores like tigers and leopards.
 - Conducted dietary analysis to study food habits of the carnivores.
 - Modelled distribution of dholes across the Central Indian Landscape across 7 States in India.

- **Senior Project Associate | Wildlife Institute of India | Jul 2020 – May 2022**
 - Project: Assessment of impacts of the proposed Nagpur- Mumbai Super Communication Expressway, Maharashtra, Samruddhi Corridor on wildlife values and measures recommended to mitigate negative impacts.
 - Collaborated with subject matter experts to study the impact of landscape fragmentation due to linear infrastructure on wildlife species and suggested mitigation measures based on the findings in the field.

- **Senior Project Biologist | Wildlife Institute of India | Feb 2019 – Mar 2020**
 - Project: Studying the dispersal of tigers across the Eastern Vidarbha Landscape, Maharashtra, India.
 - Contributed to the ongoing long-term research on tigers, co-predators and prey across the Eastern Vidarbha Landscape, Maharashtra.
 - Continued the behavioural study on Asiatic wild dogs through scat translocation experiments.
 - Led the camera trapping, radio-telemetry and other field monitoring exercises along with other team members at Tadoba Andhari Tiger Reserve.
 - Analysed vast range of data – behaviour, movement, resource partitioning and distribution.

- **Project Biologist | Wildlife Institute of India | Dec 2015 – Jan 2019**
 - Project: Studying the dispersal of tigers across the Eastern Vidarbha Landscape, Maharashtra, India.
 - Contributed to the ongoing long-term research on tigers, co-predators and prey in the Eastern Vidarbha Landscape, Maharashtra.
 - Conducted behavioural research on Asiatic wild dogs through scat translocation experiments.
 - Led radio-telemetry, camera trapping, and other field monitoring exercises along with other team members at various study sites across Maharashtra.
 - Contributed to various workshops, reports, and field guides for the State Forest Departments.

SKILLS

- **Field Skills**
 - Animal Behaviour Sampling Techniques
 - Large Mammal Capture and Handling
 - Radio telemetry
 - Sign surveys/ Occupancy sampling
 - Food Habits and Genetic sampling
 - Mark-recapture – Camera traps, pitfall traps, subdermal tags
- **Analytical Skills**
 - Statistical Software (R Programming Language; SPSS; MS Excel)
 - Behavioural Analysis (CowLog, Specific Packages In R Software)
 - Mapping And GIS (Arc GIS Pro, ArcGIS, QGIS, Maxent)
 - Other Software Used: Distance, Mark, Presence, Vortex
 - MS Suite
- **Graphic Design Skills**
 - Adobe Photoshop, Adobe Illustrator
- **Conservation Outreach And Communication Skills**
 - Delivered popular talks at St. Xavier's College, Mumbai and online platforms like #75Species #75weeks Program, Indira Gandhi Zoological Park (IGZP), Azadi Ka Amrit Mohatsav (2021)

- Popular articles published in various magazines (Saevus, Sanctuary Asia, Heritage India, Maharashtra Unlimited).
- Featured in India Bioscience 'Of Wildlife And Women'
- Actively engaged in outreach on wildlife conservation via social media platforms like Twitter (@otocolobus) and Instagram (pallavi_ghaskadbi).

LANGUAGE SKILLS

Fluent In English, Marathi, Hindi, Konkani. Studied German for five years.

PROFESSIONAL SOCIETY MEMBERSHIP

IUCN Dhole Working Group of IUCN Canid Specialist Group, British Ecological Society.