INDIA
A ROCHA
Conservation and Hope

INTERNSHIP PROGRAM

Gain **hands-on conservation experience** and acquire new knowledge, skills and perspectives

ABOUT US

A Rocha India is a unit of an **international network** of A Rocha (www.arocha.in) organisations present in 22 countries across 5 continents.

A Rocha India's inception in 2003 as a public charity was aimed to **develop research**, education, sustainability and outreach programmes in addressing key conservation issues in the **Bannerghatta-Hosur landscape**; a fragile human-dominated ecosystem in southern India

In this operational area, we have been instrumental in developing **pioneering strategies** and plans to proactively address major **biodiversity and community** concerns while imparting core ethics of conservation (wildlife & community) culture.

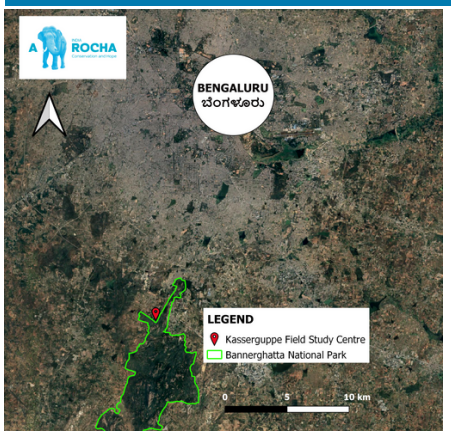
OUR FIELD STUDY CENTRES

KASSERGUPPE, KARNATAKA

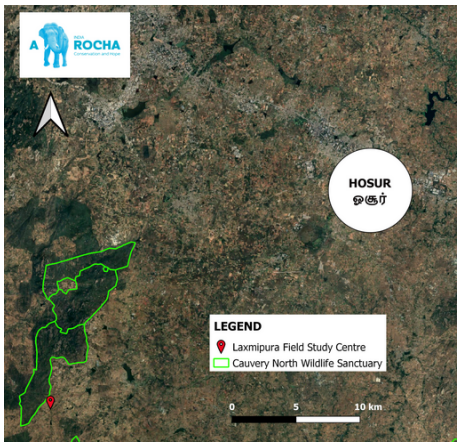
It's a place where we've done **ecological research**, education, training, and conservation work.

We have assisted to **expand** individuals' **scientific knowledge** and **research abilities** by enabling multiple projects.

Here, we strive to create a **strong community** that works together to address conservation issues.



LAXMIPURA, TAMIL NADU



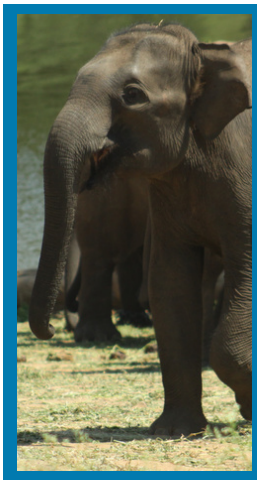
To make our interstate **elephant corridor project** more viable, the Lakeshmipura Center was founded in November 2021.

It is a **project-oriented location** at the heart of our Bannerghatta-Hosur Landscape conservation efforts.

A place where locals, **students**, and **researchers** can gather to **learn about conservation** firsthand.

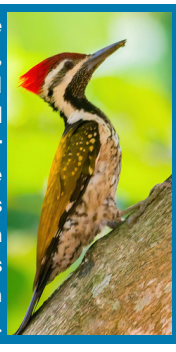
PAST PROJECTS

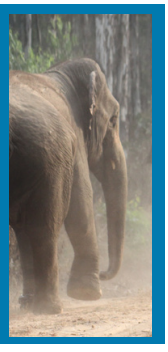
Our field study centres have both been critical in **establishing baseline research principles** and hold great promise for future research that will **contribute to habitat conservation and biodiversity conservation** in the Bannerghatta-Hosur Landscape.



At Laxmipura, a **livelihood survey** of villages that frequently experience **human-wildlife conflict** was conducted along with a pilot survey to evaluate knowledge, attitudes, and cultural reverence of **snakes** in the **park-edge villages** of the Bannerghatta-Hosur Landscape. **Patterns and causes of conflict** between people and **elephants** in the Cauvery North Wildlife Sanctuary were studied.

At Kasserguppe, projects have included species inventories of **birds**, **butterflies**, **mammals**, **reptiles**, and **amphibians**, **behavioural assessments** of **woodpecker** communities, investigations into the **behaviour and movement patterns** of wildlife, and examination of **avian diversity** to comprehend **species composition** and aid in understanding **habitat function**.





POTENTIAL RESEARCH PROJECTS

BUTTERFLIES AND MOTHS

- Effect of disturbances by forest elephants
- Seasonal shifts of biodiversity patterns
- Influence of Climate Change

SCORPIONS AND PSEUDOSCORPIONS

- Species richness, diversity and distribution
- Role of the species as biological pest controllers

MILLIPEDES AND CENTIPEDES

- Species assemblages
- Influence of habitat changes and prey abundance
- Forest edge effects on distribution

DRAGONFLIES AND DAMSELFLIES

- Influence of forest vegetation variables on distribution and diversity
- Effects of deforestation and habitat heterogenity on communities

SPIDERS

- Habitat influence on prey selection
- Role of species as biological control agents

GARDEN LIZARD

- Habitat partitioning and microhabitat utilization
- Climatic effects on thermoregulatory behaviour

ROCK AGAMA

- Impact of habitat loss
- Population density, microhabitat selection and activity patterns

BATS

- Diversity and distribution
- Food and foraging preferences
- Habitat use patterns

RUDDY MONGOOSE

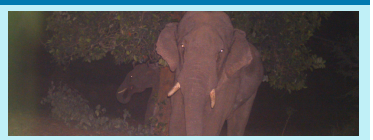
- Abundance and Distribution
- Habitat occupancy, usage and activity patterns

CIVET CATS

- Seasonal abundance and habitat use
- Population density and habitat use of sympatric small cats

BLACK NAPED HARE

- Habitat use, feeding ecology and behavioural adaptations
- Population size and home range

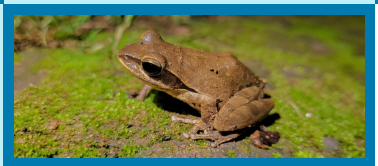


ASIAN ELEPHANTS

- Multistate occupancy to estimate overall probability of elephants using a site
- Crop foraging behaviour in farmlands

LEOPARDS

- Activity Patterns
- density and diet in a non-protected/forest-edge habitats
- density across different land use



FROGS

- Habitat choice and arboreal behaviour
- Site occupancy and detection probability
- Population attributes and species richness

BENEFITS

- Letter and/or certificate of internship
- Ability to publish research with authorship
- Gain and develop an array of scientific skills
- Increased research temper for those from limited/no science background
- Option to advance to a research volunteer for A Rocha India's projects.

ELIGIBILITY

- Minimum age of 18 years
- Ability to work independently and in a remote area
- Physical fitness
- No science background needed

DURATION

- Minimum: 1 week.
- 1 month (Short Studies)
- 4 months (Seasonal Studies)

INTERNSHIP FEE INCLUDES

- Technical Support from qualified researchers
- Food and accommodation
- Equipment costs

FOR MORE INFORMATION

write to

india@arocha.org

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