



Laboratory of Animal Systematics

The laboratory of Animal systematics supports teaching and research on classification, diversity, and evolutionary relationships of animals. Equipped with modern instruments, it provides facilities for developing technical competencies, applying scientific methods, and fostering innovations in Animal Systematic .



Lecturers



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Systematics of Aquatic Animals
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Molecular Systematics of Vertebrates
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Main Laboratory Equipment



Refrigerated
Centrifuge



Dry Bath



Vortex



Spinner



Bio-Safety Cabiner

Photo : Personal Documentation



Incubator



Analytical Balance

Others:

- Microscope
- Micropipete
- Saline Meter
- Disecting set
- Oven



Photo : Christian Lukhaup



Scope of Expertise

- ✓ Systematics of Aquatic Animals
- ✓ Tropical Parasitology
- ✓ Animal Systematics and Paleontology
- ✓ Biology of Vector Animals
- ✓ Molecular Systematics of Vertebrates



Research Topic

- ✓ Carcinology
- ✓ Herpetology
- ✓ Ichthyology
- ✓ Vertebrate paleontology (fossils)
- ✓ Vertebrate systematics and phylogeny
- ✓ Biodiversity and bionomics of vector and parasite
- ✓ Eco-bio research in parasitology
- ✓ Parasitology (interaction parasite-vector-host)
- ✓ Bionomics of vector
- ✓ Immunoparasitology,
- ✓ Biological and biochemical resistance of mosquitoes
- ✓ Molecular parasitology
- ✓ Wildlife DNA Forensic
- ✓ Environmental DNA



courses offered for doctoral programme

- ✓ Capita Selecta
- ✓ Biosystematic and Animal Diversity



Public Service

- ✓ Morphological identification services of animals (eidonomy and anatomy)
- ✓ Molecular identification services of animals (DNA Analysis)
- ✓ Parasitology Laboratory Services
- ✓ Taxidermy Training
- ✓ Training in Numerical Taxonomy
- ✓ Training in Molecular Analysis
- ✓ Training in Specimen Photography
- ✓ Training in Mosquito Rearing
- ✓ Training in Fly Rearing
- ✓ Identification and Training on Helminthes, Vector-Borne Diseases and Parasites