



Laboratory of Plant Systematics

The Plant Systematics Laboratory supports teaching and research on plant diversity, variations, classification, and evolutionary relationships using morphological, anatomical, phytochemicals, and molecular approaches. Equipped with modern instruments, it provides facilities for developing technical competencies, applying scientific methods, and fostering innovations in plant systematics.



Lecturers



Prof. Dr. Dra. Ratna Susandarini, M.Sc.
Angiosperm Systematics and
Ethnobotany
Email: ratna-susandarini@ugm.ac.id



Prof. Rina Sri Kasiamdari, S.Si.,
Ph.D.
Biology of Fungi
Email: rkasiamdari@ugm.ac.id



Abdul Razaq Chasani, S.Si., M.Si.,
Ph.D.
Coastal and Marine Plant Systematics
Email : ar.chasani@ugm.ac.id



Drs. Heri Sujadmiko, M.Si.
Bryophyte Systematic
Email: herisujadmiko@ugm.ac.id



Ludmilla Fitri Untari, S.Si., M.Si.
Lichen Systematic
Email: ludmilla.untari@ugm.ac.id



Annas Rabbani, S.Si., M.Sc.
Vascular Plant Systematics
Email : annasrabbani@ugm.ac.id



Main Laboratory Equipment



Refrigerated
Centrifuge



Dry Bath



Microscope



Electrophoresis



Vortex



Spinner

Others:

- Autoklaf
- Bio-safety Cabinet
- Soil tester
- Altimeter
- incubator

Photo: Tsaabita R.A



Source : Canva (Stock Image)



Scope of Expertise

- ✓ Angiosperm Systematics
- ✓ Ethnobotany
- ✓ Biology of Fungi
- ✓ Bryophyte Systematics
- ✓ Coastal and Marine Plant Systematics
- ✓ Lichen Systematics
- ✓ Vascular Plant Systematics



Research Topic

- ✓ Plant Systematics
- ✓ Palynology
- ✓ Paleobotany
- ✓ Mycology
- ✓ Fungal Biology
- ✓ Fungal Taxonomy
- ✓ Phycology
- ✓ Briophyta
- ✓ Ethnobotany



courses offered for doctoral programme

- ✓ Plant Biosystematics
- ✓ Diversity of Fungi and Lichens
- ✓ Ethnobotany
- ✓ Applied Palynology
- ✓ Experimental Systematics



Public Service

- ✓ Specimen Identification: Macroalgae, Mosses, and Seed Plants (Morphological and Molecular Analysis with DNA Barcoding)
- ✓ Herbarium Preparation and Specimen Identification Training
- ✓ Identification of High Conservation Value Areas (HCVA) Using High Conservation Value–High Carbon Stock (HCV–HCS) Approach
- ✓ Ethnobotany Training: Method Design, Instrument Development, and Data Analysis