

Department of Botany, Mycology and Ecology



UMCS

Faculty of Biology and Biotechnology

Head of the Department

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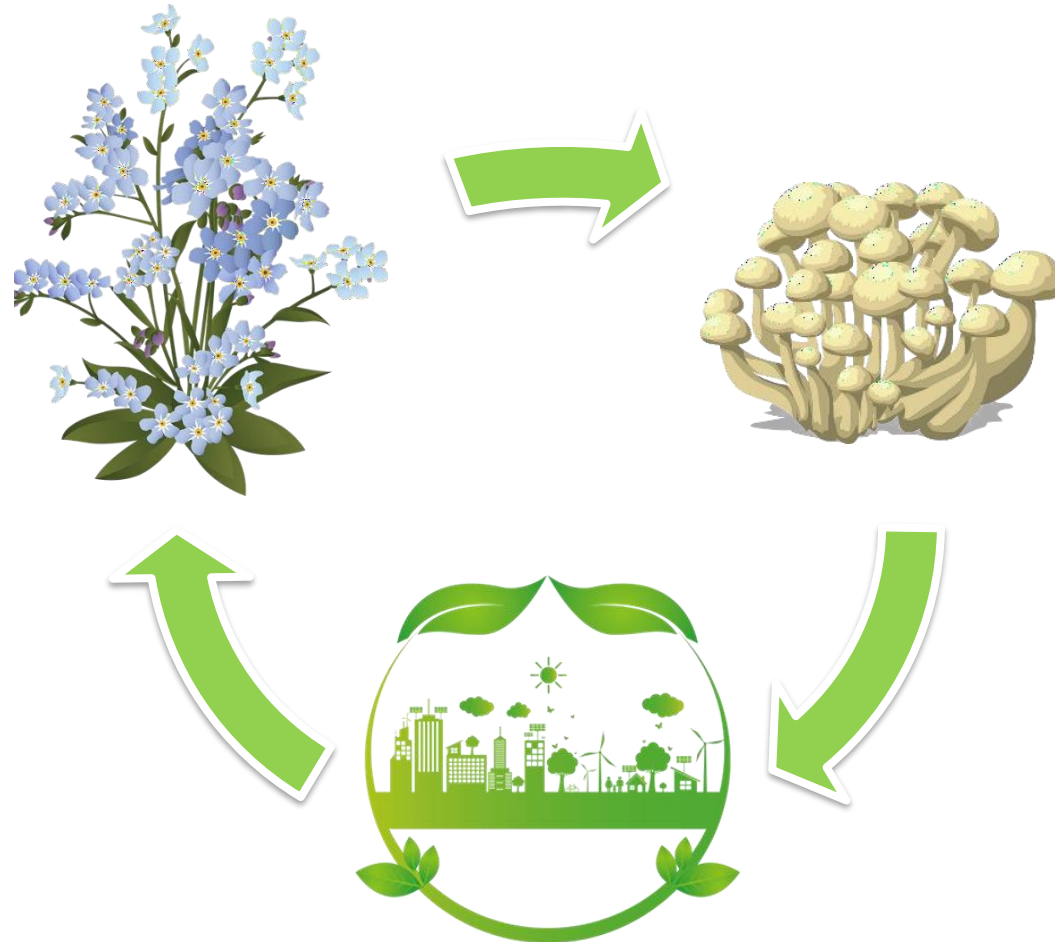
Staff members

1. dr hab. Joanna Czarnecka, prof. UMCS
2. dr hab. Piotr Sugier, prof. UMCS
3. dr hab. Małgorzata Wrzesień, prof. UMCS
4. dr Magdalena Franczak
5. dr inż. Jacek Jachuła
6. dr Monika Kozłowska
7. dr Anna Rysiak
8. dr Urszula Świdarska
9. mgr inż. Karolina Tymoszuk

Technical staff

1. dr Zbigniew Cierech
2. mgr Magda Mamczarz

Research topics of studies conducted at the Department of Botany, Mycology and Ecology



INTERACTIONS

FIELD WORK



LABORATORY WORK

- ✓ Ecological and soil science laboratories as well as mycological laboratories
- ✓ Greenhouse with automated temperature and irrigation control
- ✓ Automated growth chambers with variable light spectrum
- ✓ Microscopy equipment



HERBARIUM COLLECTIONS

Collection of vascular plants, bryophytes, fungi, lichens and the unique iconography



RESEARCH IN BOTANY

Spontaneous flora of anthropogenic linear structures



Chorology of rare, threatened, and alien species in anthropogenic habitats



RESEARCH IN BOTANY

Flower meadows – nectar and pollen production and attractiveness to pollinators



Nutritional capacity of ‘bee pastures’ in intensively and extensively managed agricultural landscapes



RESEARCH IN MYCOLOGY

Phytopathogenic fungi: etiological features and symptoms of disease on infected plants



RESEARCH IN MYCOLOGY

Mycobiota of different regions of Poland



RESEARCH IN ECOLOGY

Seed bank

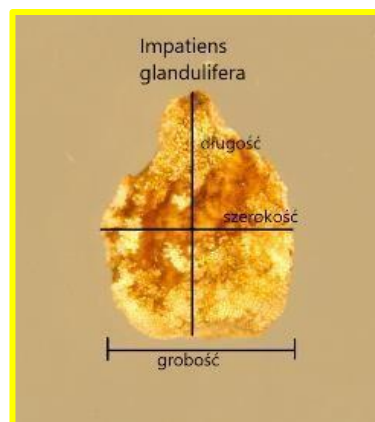
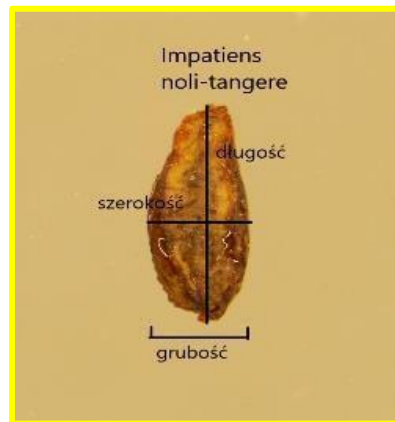


Ecology of freshwater and peatland ecosystems



RESEARCH IN ECOLOGY

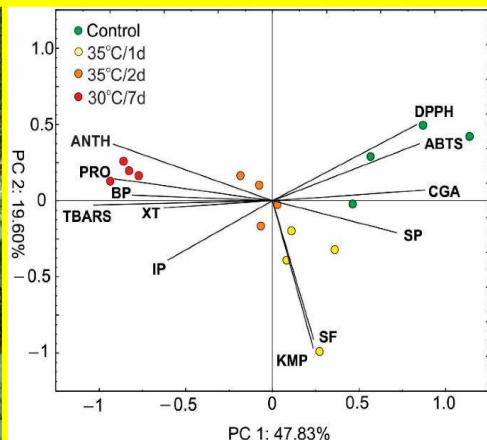
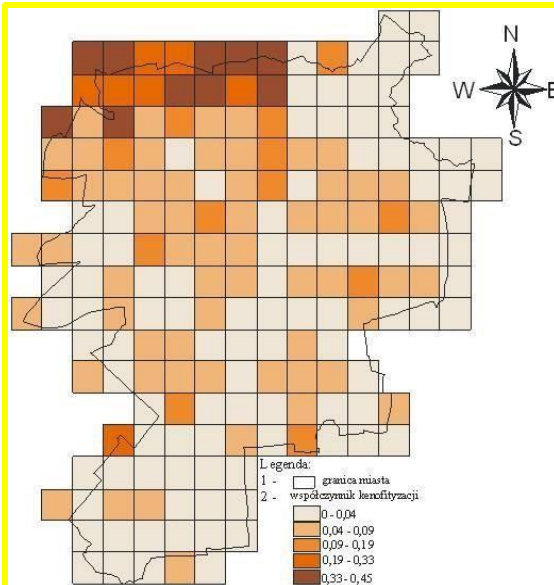
Unusual ways of seed dispersal



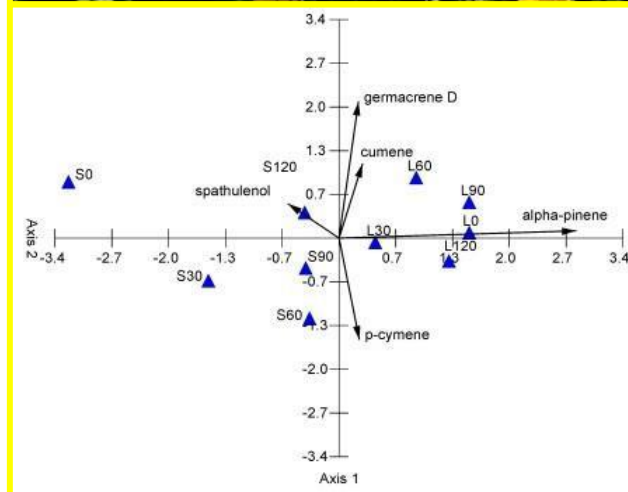
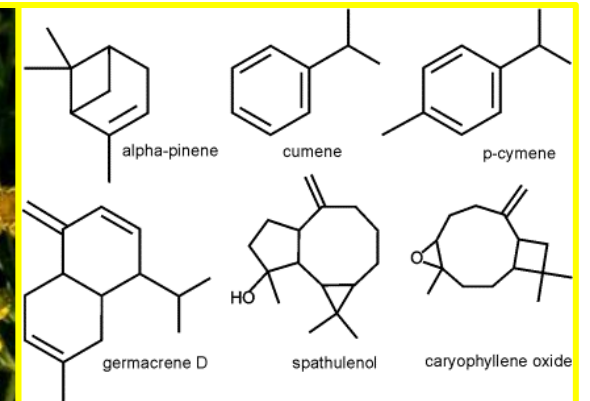
Life history of native and invasive species

RESEARCH IN ECOLOGY

Urban ecology and invasive species



Secondary metabolites



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**DO YOU HAVE YOUR OWN
IDEAS FOR DIPLOMA THESIS
SUBJECT?
WE ARE OPEN FOR THEM!**