



XIV Scientific Session of the Institute of Environmental Biology Faculty of Biology AMU

11 June 2026, 9:15 – 19:00

9:15 Opening

9:30-11:30 and 12:00-14:00 Presentations of recent scientific achievements of research groups

Dept./Lab	Title	Presenting author
Zoology	Restoring and Managing Biodiversity and Ecosystem Services of Temporary Pond Landscapes.	Bartłomiej Gołdyn
Water Protection	To Eat or Not to Eat: A Defence of the Yellow Knight	Piotr Klimaszyk
Systematic Zoology	Butterfly adaptations to seasonal tropical environments	Freerk Molleman
Systematic & Environmental Botany	Invasive <i>Prunus serotina</i> biomass production in temperate forests	Marcin Dyderski
Population Ecology	Revealing complex biotic interactions through dynamic niche and fitness differences	Lechośław Kuczyński
Plant Ecology & Environmental Protection	Ferns as masters of survival: research into responses to environmental stress.	Natalia Jędrzejczak
Hydrobiology	Diatom-based reconstruction of extreme coastal events in a brackish lake from the Burin Peninsula (Newfoundland, Canada)	Cyprian Kowalczyk
Forest Biology	Meta-analytic evidence for growth-reproduction trade-offs in woody plants	Maciej Barczyk
Evolutionary Biology	Mating Systems Shape Evolutionary Rescue	Neelam Porwal
Behavioural Ecology	Can acoustic indices predict bird diversity?	Michał Budka
Animal Taxonomy and Ecology	Anticipating the fate of glacial invertebrates - search for cold refugia	Krzysztof Zawierucha
Animal Morphology	Global studies of the host-parasite relationships between ectoparasitic mites of the subfamily Picobiinae and the starling birds	Milena Patan
Avian Biology & Ecology		

11:30 – 12:00 Coffee break

14:00 – 15:30 Lunch

15:30-17:00 Poster session (poster list below)

17:00 – 19:00 Snacks and socialising

Posters

Gulsamal Askarova, Anna Skoracka, Ewa Puchalska „**Effect of temperature fluctuations on life history traits and strategies of phytophagous arthropods – a systematic review**

Maria Bogdańska “**Beech seed production across elevation gradient: can recruitment limit range shifts?**”

Paulina Jakubiak “**The Impact of Chemical Lakes Restoration on Freshwater Mussels (Unionidae)**”

Katarzyna Kondrat “**No seed size–number trade-off in European beech: climate governs investment per seed**”

Maja Kosieradzka, Adrian Surmacki “**Sensitivity to human gaze direction in corvids wintering in Poznań**”

Mateusz Oszust, Waldemar Spychalski, Tomasz Kaczmarek, Daniel Fajfer “**Response of oribatid mite community to changes in soil under great cormorant *Phalacrocorax carbo* (L.) colonies: preliminary results**”

Ngoc Thi Pham, Łukasz Grewling “**Allergenic potential of urban green spaces in Poznań, Poland: Determination of the real exposure to airborne pollen allergens**”

Dagmara Pogorzelska “**Evaluation of the presence of *Toxoplasma gondii* in chicken eggs from different breeding systems – a diagnostic and epidemiological analysis trial**”

Freerk Molleman, Ahmet Tambay, Szabolcs Ságián. “**Biodiversity on Top of a Rich Iron Deposit: Assessing the Community of Fruit-Feeding Butterflies of Mt. Nimba, Liberia**”

Jędrzej Warguła, Wiktoria Dmuchowska, Adrian Wieczorek, Anastasiia Polischuk, Michalina Krakowiak, Łukasz Kaczmarek “**Three New Tardigrade Genera Revealed: Phylogenetic Insights into African soil**”.

Józefina Wasilewska, Jacek Radwan “**Host associations of *Borrelia afzelii* ospC and ospE variants in two wild rodent reservoir species**”

Julia Zawadzka, Zuzanna Rosin “**Effectiveness of nesting sites supply as a compensation measure for village modernisation**”