

FUNGAL PHYLOGENOMICS.

Funded through Visegrad Grant No. 22420237

Warsaw and Urwitałt, Poland

08. - 11 th of December 2025



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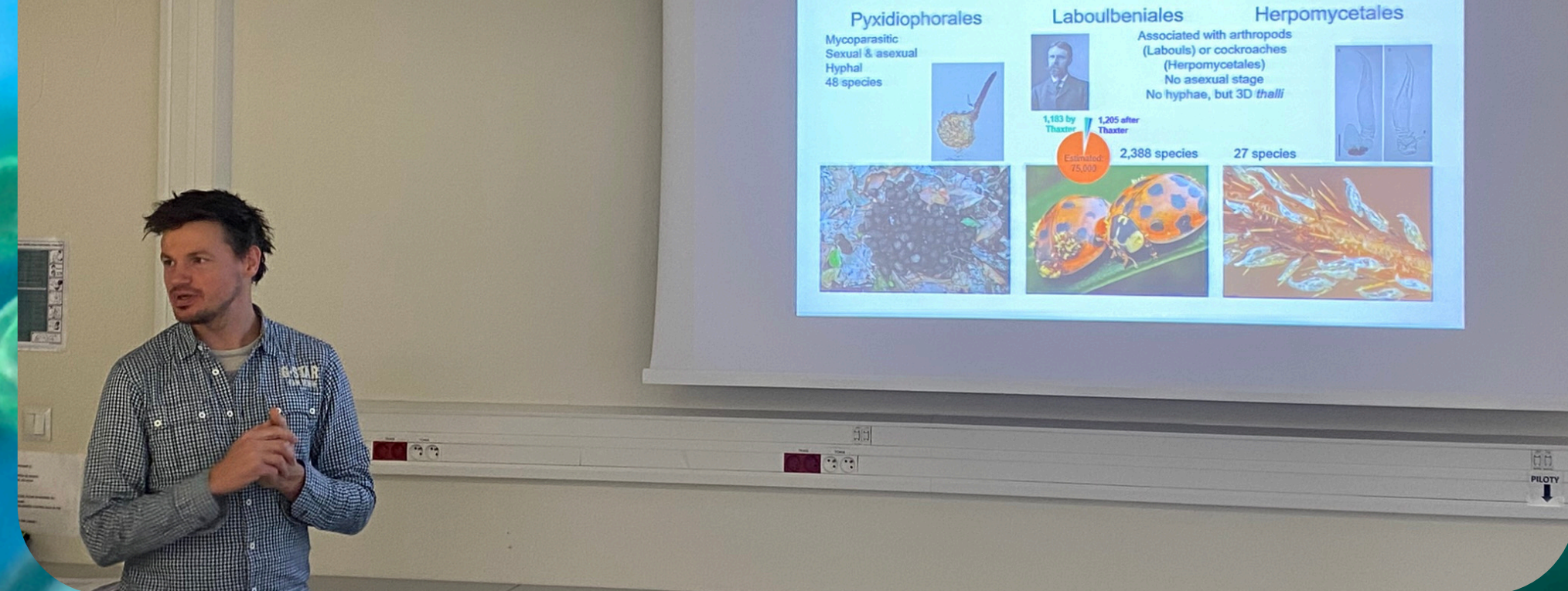
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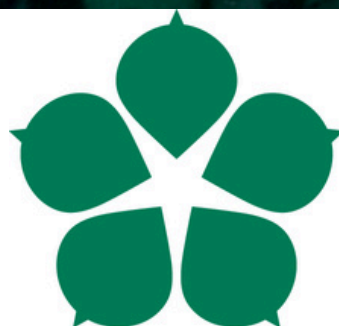
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OPEN LECTURE 1

by Dr. Danny Haelewaters

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9 - 10th of December 2025

Urwitałt

WORKSHOP

Main Teacher: Anna Karnkowska

Teaching assistants: Beniamin Abramczyk, Marta Tischer, Michał Gorczak

Courses to improve
Collaboration
in V4 Countries to learn about

Cryptic fungi

České Budějovice ●

Szeged ●

Urwitałt ●

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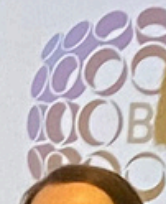
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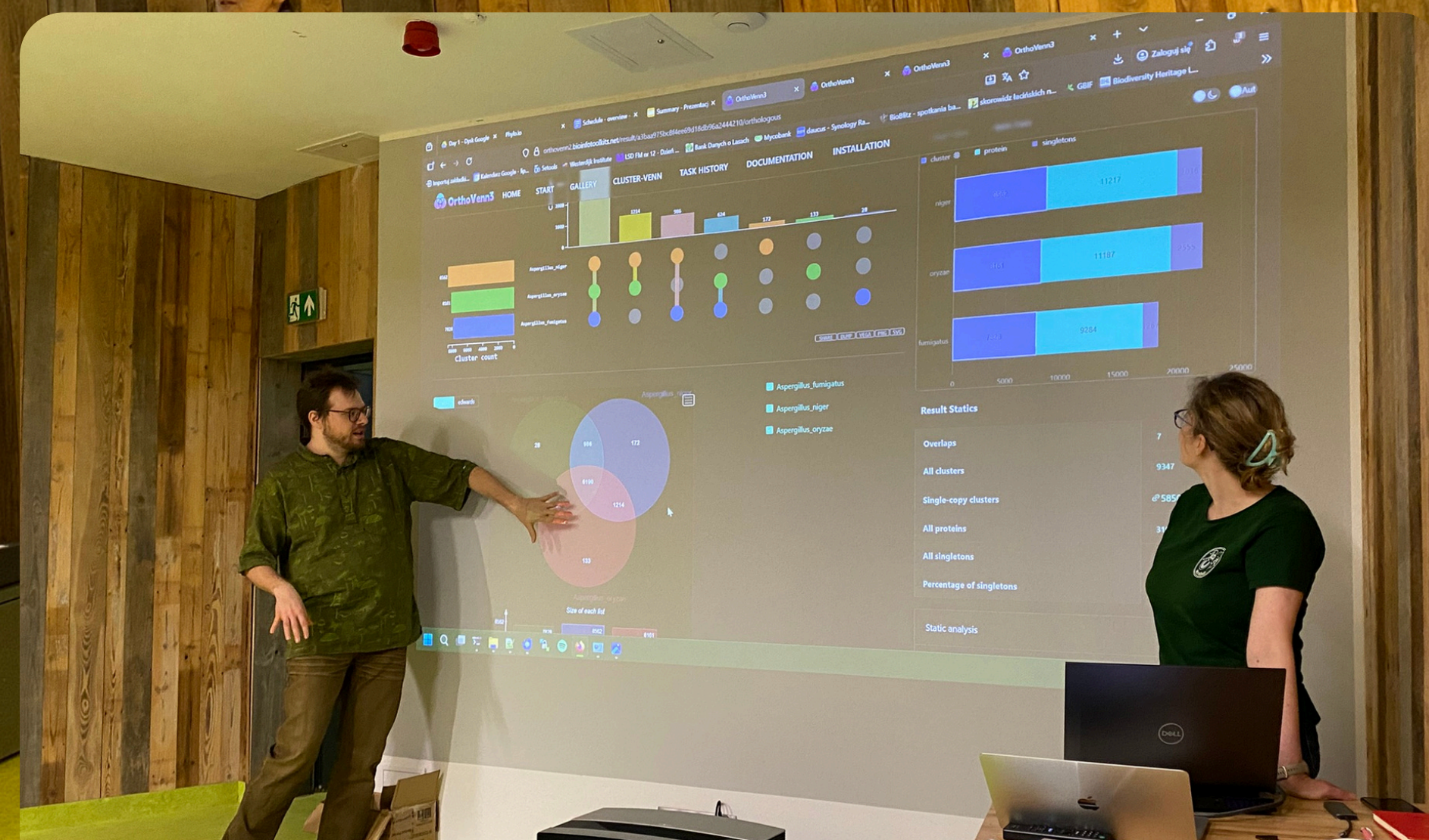
This part of the course took place in Urwitałt in Mazurskie Centrum Bioróżnorodności i Edukacji "Kumak".



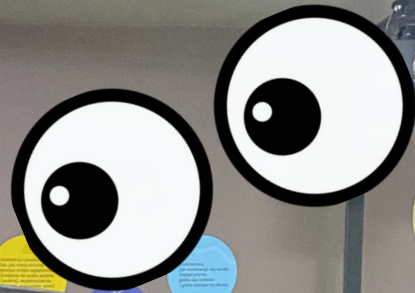
Studying is fun!



The two-day workshop featured an intensive scientific program combining theoretical input and hands-on sessions. Workshop activities were led by Anna Karnkowska, with the final session co-led by Beniamin Abramczyk. The program also included opportunities for discussion, a site visit, and shared meals fostering informal exchange among participants.



Where are the fungi?



The event benefited greatly from the support of the Kumak Biodiversity Center, which offered outstanding facilities and a welcoming setting for collaborative research. Funding provided by the Visegrad Fund played a key role in enabling the initiative and strengthening cooperation among institutions in the V4 countries.

10th of December 2025



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Field work

Looking for cryptic fungi



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- Visegrad Fund
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A voluntary field-based activity offered to workshop participants, an opportunity to apply workshop concepts in practice through the search and documentation of cryptic fungi.

Some of our best finds!



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The open lecture by Anna Muszewska focused on the detection and analysis of horizontal gene transfer (HGT) in fungal genomes, exploring how genetic material can move between different lineages and influence fungal metabolic, adaptive, and ecological traits. Drawing on large-scale comparative genomic studies, the talk highlighted bioinformatics approaches to identifying HGT events and discussed their evolutionary significance in shaping fungal diversity and capabilities.

OPEN LECTURE 2

Detection of HGT in fungi by Anna Muszewska

11th of December 2025

Warsaw

SPECIAL THANKS TO

We would like to thank Anna Karnkowska and Beniamin Abramczyk for guiding the hands-on sessions, as well as Danny Haelewaters and Anna Muszewska for delivering inspiring open lectures. This event was made possible through strong teamwork and excellent organization, and we sincerely thank Julia Pawłowska for her support during the workshops, together with Marta Tischer, Michał Gorczak, Michał Kochanowski, Igor Siedlecki, and Dorota Wiktorowicz for their invaluable assistance. We are also grateful to the Kumak Biodiversity Center for hosting the workshop and to the Visegrad Fund for the funding of our project.

- Visegrad Fund

THANK YOU FOR YOUR PARTICIPATION!

We are excited to announce that the next workshop will take place in Hungary!

In the spring of 2026, we will gather in the beautiful city of Szeged for a Workshop on Fungal Genomics.

We look forward to welcoming participants to continue building our community!

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hashtag#Phylogenomics hashtag#Mycology hashtag#CrypticFungi hashtag#C4inV4 hashtag#VisegradFund hashtag#Biodiversity hashtag