

## PUBLIC LECTURE EVALUATION

### Masaryk University

<b>Faculty</b>	Faculty of Science
<b>Procedure field</b>	Botany
<b>Applicant</b>	Doc. RNDr. Zdeňka Lososová, Ph.D.
<b>Lecture date</b>	25 <sup>th</sup> September 2025
<b>Lecture topic</b>	Funkční a fylogenetická diverzita v invazní biologii / Functional and phylogenetic diversities in invasion biology
<b>Persons present</b> (number)	118 on-site + 2 online
<b>Designated evaluators</b> (board members)	Prof. RNDr. Michal Hájek, Ph.D. (on-site) Prof. RNDr. Tomáš Herben, CSc. (online) Prof. RNDr. Jan Lepš, CSc (online) Prof. RNDr. Petr Bureš, Ph.D. (on- site)

The public lecture by **Zdeňka Lososová** took place at the Botany Seminar of the Department of Botany & Zoology and formed part of the Autumnal Lecture Cycle organized by the South Moravian Branch of the Czech Botanical Society. The audience included Bachelor, Master, and PhD students from the programs in Ecological and Evolutionary Biology, Botany and Zoology, together with academic staff from the Department and colleagues from related institutions, including the Botanical Institute of the Czech Academy of Sciences. Two committee members also joined via MS Teams, and the lecture was recorded for broader accessibility (available at [youtube.com/@botzool](https://youtube.com/@botzool)).

In her presentation, the candidate introduced her research on **functional traits** in the **ecology of plant invasions**, with particular emphasis on phylogenetic relatedness among invasive species and the **phylogenetic structure of invaded plant communities**. She summarized **her most important findings** across different spatial and temporal scales, published in leading ecological journals and achieved in collaboration with internationally recognized experts in ecology and invasion biology.

The lecture was very well received and stimulated a **wide-ranging discussion**. The candidate engaged confidently with the audience, responding thoroughly to around **fifteen questions** and **demonstrating both her deep expertise and her ability to communicate complex topics with clarity**.

### Conclusion

The lecture delivered by Zdeňka Lososová, entitled "Functional and phylogenetic diversities in invasion biology" and delivered as part of the professor appointment procedure, **demonstrated** sufficient **scholarly qualifications and pedagogical capabilities** expected of applicants participating in a **professor appointment procedure** in the field of **botany**.

The lecture took place in a hybrid form at 4 PM. The above-mentioned members of the board attended the lecture and provided its evaluation. All designated evaluators are familiar with the text of the evaluation and agree with it.

Date: 30<sup>th</sup> September 2025

Michal Hájek

Petr Bureš