

Programme of the International Symposium

Fungi of Central European Old-Growth Forests

Český Krumlov, Czech Republic, September 14–17, 2015

Organiser of the Symposium

Jan Holec, Head of the Mycological Department, National Museum, Prague

Scientific Committee

Jan Holec, National Museum, Prague, Czech Republic

Claus Bässler, Bavarian Forest National Park, Grafenau, Germany

Irmgard Greilhuber, University of Vienna, Austria

Anna Ronikier, W. Szafer Institute of Botany, Kraków, Poland

Slavomír Adamčík, Botanical Institute, Bratislava, Slovakia

Jacob Heilmann-Clausen, University of Copenhagen, Denmark

Panu Halme, University of Jyväskylä, Finland

Sunday 13 September	OPTIONAL PROGRAMME	
16:00-18:00		Special offer: Český Krumlov (UNESCO World Heritage Site) sightseeing (included in the symposium fee)
18:00		Informal icebreaker in a pub
Monday 14 September	OFFICIAL BEGINNING OF THE SYMPOSIUM, PRESENTATIONS	
8:00-9:15	REGISTRATION	(later registration possible)
9:15-9:30		Symposium welcome
9:30-10:00 Keynote	Vrška T.	What should you know when you go to pick mushrooms in a Central European virgin forest?
		Mycodiversity in spatial context
10:00-10:20	Dvořák D. et al.	Importance of old-growth forests for macrofungal diversity

10:20-10:40	Greilhuber I.	Mycobiota of the virgin forest „Neuwald“, a remnant of montane old-growth forests in Austria
10:40-11:00		Coffee break
11:00-11:20	Langer E. et al.	Fungal diversity of Kellerwald-Edersee National Park – a first check-list with indicator species of nature value and conservation
11:20-11:40	Ordynets A. et al.	Trends in European diversity of aphyllorphoroid fungi (Basidiomycota)
11:40-12:00	Striegel M. et al.	Biodiversity of different forest conservation concepts in Hesse, Germany
12:00-12:20	Kutszegi G. et al.	Drivers of polypore species composition in beech and oak forests: the Mátra Mts., Hungary
12:30-14:00		Lunch, posters, discussions
14:00-14:30 Keynote	Heilmann-Clausen J.	Wood-inhabiting fungi in European beech forests – local community drivers, continental biodiversity patterns and conservation
14:30-14:50	Heideroth A. et al.	Fungal biodiversity of beech logs: comparison of a virgin and an old-growth forest
14:50-15:10	Urban A.	Substrate specificity does matter – macrofungal succession on coarse woody debris in an old-growth oak forest
15:10-15:30	D’Aguanno M. et al.	Influence of forest type on fungal diversity in Mediterranean old-growth forests
15:30-16:00		Coffee break
		Taxonomy of old-growth forests specialists
16:00-16:30 Keynote	Antonín V. et Holec J.	Taxonomy of some old-growth forest fungi – what should we pay attention to
16:30-16:50	Tomšovský M.	Taxonomy and indicator value of selected wood-decaying fungi (<i>Polyporales</i> , <i>Hymenochaetales</i>)
16:50-17:10	Schigel D. et al.	Wood-inhabiting fungi in Białowieża National Park, Poland
17:10-17:30	Adamčík S.	Are ectomycorrhizal <i>Russulaceae</i> important part of old-growth forests?
Tuesday 15 September	PRESENTATIONS	
		Methods for studying fungal communities in old-growth forests
9:00-9:30 Keynote	Baldrian P.	Diversity and dynamics of fungal communities on decomposing wood
9:30-9:50	Purhonen J. et al.	What can we learn from species-specific

		fruiting phenologies?
9:50-10:10	Simmel J.	Ellenberg indicator values and functional traits of macromycetes as indicators of ecosystem quality and land-use history
10:10-10:30	Runnel K. et Lõhmus A.	'Old-forest polypores' can be more useful for forest management than for recognizing old-growth
10:30-11:00		Coffee break
11:00-11:20	Popa F. et al.	Ecological niche analysis of ectomycorrhizal fungal species in an old-growth beech forest
11:20-11:40	Norberg A. et al.	Modelling the assembly of dead wood inhabiting fungal communities in changing landscapes
11:40-12:00	Kubartova A. et al.	High-throughput sequencing insights into wood-inhabiting fungal communities in Sweden
12:00-13:00		Lunch
13:00-14:00		Poster session, discussions
		Responses of fungi to changing environment and forest management
14:00-14:30 Keynote	Boddy L.	Climate change effects on fungal communities and activity
14:30-14:50	Bässler C.	Beyond species – functional response of fungi to environmental changes in forests
14:50-15:10	Abrego N. et al.	How does connectivity of European beech forest reserves matter for fungal conservation?
15:10-15:30	Preikša Ž. et Iršėnaitė R.	Wood-inhabiting fungi in mature mixed broadleaved forests of different management intensity
15:30-16:00		Coffee break
		Selecting and testing old-growth indicator species
16:00-16:30 Keynote	Halme P.	Selecting and testing fungi as biodiversity indicators in old-growth forests
16:30-16:50	Senn-Irlet B. et Kuchler M.	In the search of indicator species among fungi, lichens and mosses for old growth forests in Switzerland
16:50-17:10	Kunca V. et Čiliak M.	Ecology, incidence and indication value of <i>Hericium erinaceus</i> in Slovakia and the Western Carpathians
17:10-17:30	Holec J.	Is this fungus an indicator of selected habitat variables, e.g. degree of naturalness? Methods, advantages and problems of the traditional approach
19:00		Symposium dinner in a medieval pub

Wednesday 16 September	EXCURSIONS	
8:30-10:00		Travel to excursion localities by buses
10:00-15:00	guides: J. Holec, M. Kříž, M. Beran, D. Dvořák	Parallel excursions: Boubínský and Žofínský virgin forests
15:00-16:30		Return from excursion localities by buses
16:30-23:00		Optional programme: elaboration of records, discussions, spontaneously organized workshops etc.
Thursday 17 September	EXCURSIONS	
8:30-10:00		Travel to excursion localities by buses
10:00-15:00	guides: J. Holec, M. Kříž, M. Beran, D. Dvořák	Parallel excursions: Boubínský and Žofínský virgin forests
15:00-16:30		Return from excursion localities by buses
16:30-23:00		Optional programme: elaboration of records, discussions, spontaneously organized workshops etc.
23:00		END OF THE SYMPOSIUM