

BOTTOMS-UP FINAL CONFERENCE



Tuesday 19th March 2024 – Forest Biodiversity Monitoring

9:00 - 9:30	Registration
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Time	Programme	
9:30 - 11:00	Plenary session - Aranciera	
	Chair: Peter Odor	
	Official opening and welcome by:	
	<ul style="list-style-type: none"> • Chair of BOTTOMS-UP, Prof. Sabina Burrascano • Dean of the Faculty of Mathematical, Physical and Natural Sciences of Sapienza, Prof. Riccardo Faccini • Director of the Department of Environmental Biology, Prof. Laura Sadori • DG Environment – Unit D1 Land Use and Management, Adrian Tistan 	
	Keynote talk: Integration of biodiversity in production forestry – what is the scientific evidence base?	Lena Gustafsson
	BOTTOMS-UP advances towards European forest biodiversity monitoring	Sabina Burrascano

11:00 - 11:30	Coffee break
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Time	Parallel Programme	
11:30 - 12:50	Parallel 1 – Aranciera Chair: Kris Vanderkerkhove	Parallel 2 – Greenhouse 1 Chair: Giovanni Trentanovi



Time	Parallel Programme			
	Assessing the performance of old and new indicators of biodiversity in Europe: results from the Bottoms-Up action	Yoan Paillet	Features and opportunities of the BOTTOMS-UP platform	Sebastian Kepfer-Rojas
	Relating forest structural characteristics to bat and bird diversity in the Italian Alps	Marco Mina	Management practices shape functional dimensions of plant metacommunities	Caio Graco-Roza
	Profiles of TReMs in the primeval forests of central Europe: from natural patterns to forest management recommendations	Michał Ciach	Assessing species responses to forest management strategies in European forests	Lorenzo Balducci
	Use of Potential Biodiversity Index (PBI) to integrate biodiversity conservation in forest management in Nature 2000 areas	Mar Pallarés	Impact of coppicing on microclimate and understorey vegetation: evidence from an ancient Mediterranean oak forest	Elisa Carrari
	Exposure, elevation and forest structure predict the abundance of saproxylic beetles' specie in mountain managed beech forests.	Adriano Mazziotta	Sustaining forest biodiversity: Exploring the effect of long-term natural disturbance dynamics on contemporary lichen communities	Rhiannon Gloor

Time	Parallel programme			
12:50 - 13:15	Poster session 1 - Aranciera		Poster session 2 - Greenhouse 1	
	Relating understory plant diversity with overstory forest structure using canopy photography methods	Anouk von Meijenfeldt	Bottom up biodiversity patterns: from bacteria and fungi, to plants and invertebrates	Marketa Mareckova



	A Comparative Analysis of TLS and GeoSLAM Technologies for Forest Monitoring	Marius Petrilă	Coppiced forests' heterogeneity affects rodent population density depending on species niche breadth	Giorgia Bertagni
	Searching for floristic indicators of old-growth forests in Italy	Elisabetta Bianchi	Soil seed bank responses to edge effects in temperate European forests	Cristina Gasperini
	Indicators of the conservation status of Mediterranean forest habitats	Francesco Di Pietro	Natura 2000 insect species conservation and monitoring in Croatian forests	Dinka Matosevic
	Response of multi-taxa forest diversity to experimental interventions inspired by historical management	Mariana Ujházyová	Assessing the connectivity of Natura 2000 forest habitats in Romania	Mihaita Iulian Niculae

Time	<i>Programme</i>
13:15 - 14:20	Lunch
14:20 - 16:20	Working group session, facilitated by the Natura2000 Biogeographical Process, Forest Stewardship Council (FSC) and EUROPARC Questions related to forest and biodiversity monitoring are discussed in smaller groups
16:20 - 16:30	Short break
16:30 - 17:10	Plenary - reporting back of groups
17:10 - 18:10	Guided tour of the Botanical Garden



Wednesday 20th March 2024 – Forest management sustainability for biodiversity

9:00 - 9:30	Registration
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Time	Programme	
9:30 - 11:00	Plenary session - Aranciera	
	Chair: Peter Schall	
	Official opening and welcome by: <ul style="list-style-type: none"> • Leader of Natura 2000 Biogeographical Process, Dr. Theo van der Sluis • Director of the Botanical Garden, Prof. Fabio Attorre 	
	The promise of integration – integrated forest management between forests, people and policy	Georg Winkel
	Forest planning at the national and landscape scale	Thomas Nagel

11:00 - 11:30	Coffee break
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Time	Parallel Programme	
11:30 - 12:50	Parallel 1 - Aranciera Chair: Elena Haeler	Parallel 2 - Greenhouse 1 Chair: Tommaso Sitzia



Time	<i>Parallel Programme</i>			
	Multi-taxa forestry experiments in Europe: introduction of a network and results on canopy opening studies at European level	Flóra Tinya	Thresholds for biodiversity conservation in forests	Inken Doerfler
	Multi-taxon experiments for sustainable forest management in Hungary: the Pilis Forestry Systems and Gap experiments	Péter Ódor	The stepping stone concept - an example of nature conservation-integrative forest management	Ulrich Mergner
	Managing forested riparian zones for ecosystem health along small watercourse in Latvia	Toms Stals	Managing temperate forest biodiversity in face of increasing fire risks	Carl Beierkuhnlein
	Forecasting forest-related political decisions in a climate-constrained world	Detlef Sprinz	LIFE GoProFor: good practices for sustainable forest management	Serena Corezzola
	Assessing connectivity and habitat suitability of boreal forest of Sweden	Ewa Orlikowska	Biodiversity of plant communities in restored coppices: common trends and site differences	Ondřej Vild

Time	<i>Parallel Programme</i>			
	<i>Poster session 1 - Aranciera</i>		<i>Poster session 2 - Greenhouse 1</i>	
12:50 - 13:15	Optimal reforestation strategies for habitat connectivity in riparian zones	Andy Speak	Tree species mixtures at the landscape scale for forest biodiversity and conservation	Steffi Heinrichs
	Do water-filled tree-holes contribute to invertebrate diversity as natural ones?	Giulia Bacco	The ecological value and ecosystem services of young native woodlands	Kate Harrington
	Assessment of restored riparian habitat 91F0 in Bulgaria	Georgi Hinkov Ivanov	Biological diversity in Pinus pinaster stands in Portugal: reflection on management decisions combined with conservation	Diana Rodrigues



Time	<i>Parallel Programme</i>			
	Conservation of Cantabrian oak holm forest: building bridges between science, management and society through landstewardship	Maria Viota	Improvement of the conservation status of habitats 4070 and 5130 by implementing the "Fire prevention measures"	Maria Glushkova
	An overview of the subjects handled by the existing scientific literature on black pine forests for Greece.	Dimitrios Pistikoudis	Conserving forest interior species in managed forest landscapes: a case study of the Red-Breasted Flycatcher (Ficedula parva)	Gediminas Brazaitis

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16:20 - 16:30	Short break
16:30 - 17:10	Plenary - reporting back of groups
20:00	Social dinner



AWARDS

The young researchers (within 3 years of getting the PhD) will have the possibility of being selected for one award for the best oral presentation (300 euros) and one award for the best poster presentation (150 euros), plus the possibility of publishing their research for free on the journal Forests Monitor.

The Forests Monitor (FM) is an international peer-reviewed open-access journal devoted to the applied science of multifunctional forest ecosystems, with a primary objective of enhancing forest management and conservation in support of good governance worldwide.

FM welcomes contributions from numerous disciplines in forestry and related fields, which have implications for forest ecology, management, technology, and forest resource and nature conservation economics and policy.

FM has three broad focal areas: forest ecology and conservation, forest management and planning, and forest policy and economics.

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www.forestsmonitor.com





VENUE

The Botanical Garden of Rome is one of the Museums of the Department of Environmental Biology of the Sapienza University of Rome.

It covers an area of about 12 hectares in the very heart of the city, between Via della Lungara and Gianicolo Hill, occupying part of the archaeological area called Horti Getae, which in ancient times contained the thermal baths of Septimius Severus.

The venue will take place in three different buildings located inside the Botanical Garden of Rome.

The Aranciera will host the plenary sessions while Greenhouse 1 and Greenhouse 2 will host the parallel sessions and the poster sessions.



Thursday 21th March 2024 – Discussing forest in the forest

07:30 - 17:30

Excursion to three forest sites in collaboration with Museo Civico Naturalistico dei Monti Prenestini

