



LIFE FOR EUROPEAN FOREST GENETIC MONITORING SYSTEM

LIFE GEN MON Newsletter 4

2017/1

LIFE GEN MON at the 125th Anniversary IUFRO Congress, 18-22 September 2017, Freiburg, Germany
Session 45: "Forest policy and biodiversity strategy: The relevance of forest genetic resources"

Tuesday, 19 September 2017, 15:00 - 19:30, University of Freiburg, KG I - 1015 (posters in KG II - HS 2121)

For more information visit: lifegenmon.si/IUFRO2017



KP2 Keynote Plenary Session: Challenges for future forest research

Moderator: John Parrotta (IUFRO vice-president), US Forest Service, USA

Rolf Böhme Saal (Konzerthaus Freiburg) Friday 22 September 2017, 10.30 – 12.00; at 11.30 – 12.00:

Hidden biodiversity & forest dynamics, Hojka Kraigher, Slovenija

Hidden biodiversity, such as belowground and genetic diversity, enables forest adaptability to future climates

Session 45a Keynotes

Moderated by Bruno Fady and Hojka Kraigher

Pan-European efforts in biodiversity conservation, Peter Skoerberne

Nature dynamics is framed by genes, whereas human approach mostly by legislation

The importance of genetic diversity for sustainable forestry, Bruno Fady *et al.*

Genetic diversity is fundamental for adaptation and, thus to foster sustainable forestry

Selection of best management practices for conservation of spatial genetic structure diversity and dynamics in beech forests, Donatella Paffetti / Cristina Vettori *et al.*

Single tree selection seems to speed up the evolutionary dynamics of the managed stand

The days of the Serbian spruce in its natural habitat are numbered, Jelena Aleksić

A rare conifer from the Balkans will soon disappear due to climate change



Contributed Lectures

LocallyTREE - DNA-based analytics to characterise 'genetic' regions of Lower Austria aiming to support the selection and plantation of native shrub species, Hansen-Hohl K / Sehr. E. *et al.*

Regional Cooperation for Genetic Diversity Conservation of *Pinus pumila* in East Asia, Kang H. *et al.*

Session 45b Keynotes

Moderated by Saša Orlović and Marjana Westergren

Conservation and management of forest genetic resources: overview on forest policies in countries of South Eastern Europe (SEE), Stojnic S. / Stevanov M. *et al.*

Different countries adopted diverse strategies that best suit their particular management needs and interests concerning sustainable use of FGR

Forest genetic monitoring: an overview of concepts and definitions, Fussi Barbara *et al.*

Genetic variation, as an integral part of biological diversity, needs special attention, and its monitoring can ensure its effective conservation



Contributed Lectures (LIFEGENMON)

Monitoring flowering synchronization discrepancies and their impact on seed crop genetic diversity - An early warning system in a changing climate, Alizoti P. *et al.*

Communicating the value of forest related nature's services and genetic resources today for tomorrow, Baloh T. / Rantaša B.

Session 45b Concluding Keynote (LIFEGENMON)

The future of forest genetic monitoring (FGM): a contribution to FGM objectives and strategies from local to global, F. A. Aravanopoulos *et al.*

Genetic monitoring elucidates processes that maintain genetic variation in natural populations, introduces prognosis and helps define tools for forest gene conservation, policy and management



Poster presentations (LIFEGENMON presentations in green)

The role and place of forest genetic monitoring within existing forest monitoring schemes, Westergren M. *et al.*

Installation of a genetic monitoring network for beech and spruce in Germany to evaluate the genetic adaptability of species to climate change, Konnert M. / Fussi B.

Development and implementation of common protocols for forest genetic monitoring, Kavaliauskas D. *et al.*

Establishment and operation of forest genetic monitoring plots (FGM-P) in northern Greece, Hasilidis P. *et al.*

Ring testing in forest genetic monitoring, Bajc M. *et al.*

Design and implementation of the forest genetic monitoring database, Finžgar D. *et al.*

Communicating Forest Genetic Resources to Different Target Audiences, Rantaša B. *et al.*

Forest genetic monitoring: laws and obstacles for its implementation in Greece, Avramidou E. *et al.*

Intrapopulation genetic diversity of *Picea abies* from Kopaonik mountain (Serbia) using EST-SSR markers, Trudić B. *et al.*

National legislation of forest reproductive material: case of a wide spread Silver fir (*Abies alba*) and Serbian spruce (*Picea omorika*), Ballian D. / Kraigher H.

Legal framework and stakeholders' attitudes toward the conservation of forest genetic resources, Nonić M. / Nedeljković J. *et al.*

Seeds without borders sustain forest diversity, Lackner M. *et al.*

Wild Plants Conservation through Seed Vault in the Republic of Korea, Kang Kang H. / Bang M. *et al.*



18 - 22 September 2017, Freiburg Germany
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