PROFILE

Sasa Bogdan, PhD

Nationality: Croat

Date of birth: 23. 06. 1973.

Participation in COST Action FP0905:

Member of MC, Member of WG1

ESR at the time of starting the Action: Yes

Contact data:

Institution/Organisation: University of Zagreb; Faculty of Forestry; Department of Forest Genetics, Dendrology and Botany
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Research area and species (key words):

Quantitative genetics, provenance/progeny testing, forest conservation genetics, tree breeding, *Quercus robur, Fagus sylvatica, Fraxinus angustifolia, Prunus avium, Pinus nigra*

CURRICULUM VITAE

Present position

2007, Assistant Proffessor at the Faculty of Forestry Zagreb (Forest Genetics)

Education/Professional Career

2006.	PhD in Forestry, senior assistant
2002.	MSc in Forestry, assistant
1997.	BSc in Forestry, junior assistant

Research Projects (relevant to Action)

2006 -	*Title: Genetic resources conservation and breeding of the main tree species of Croatian lowland forests* *National project* Role: Participant The main objective of the project is: to determine genetic diversity of the main forest tree species in the area of lowland forests in Croatia; to recommend strategy for its genetic resources conservation as well as breeding strategy.
2001. – 2005.	*Title: Forest seed production in clonal seed orchards* *National project* Role: Participant The main objective of the project is: Genetic improvement of forest reproductive material by phenotypic selection of plus trees, its vegetative propagation, genetic testing and establishment of clonal seed orchards.

Selected Publications and Communications:

Bogdan, S., Katičić-Trupčević, I., Kajba, D., 2004: Genetic variation in growth traits in a Quercus robur L. open-pollinated progeny test of the Slavonian provenance. Silvae Genetica, 53 (5-6): 198-201.

Bogdan, S., Kajba, D., Franjić, J., Idžojtić, M., Škvorc, Ž., Katičić, I., 2007: Genetic variation in quantitative traits within and among Croatian narrow-leaved ash (*Fraxinus angustifolia* Vahl) populations assessed in an open-pollinated progeny test. *Periodicum Biologorum* 109(1): 1-11.

Ivanković, M., Marjanović., H., Franjić, J., Škvorc, Ž., Bogdan, S., 2007: Variability of silver fir (*Abies alba* Mill.) provenances in the number of lateral buds on terminal sprout and damage by the late frost. *Periodicum Biologorum* 109(1): 55-59.

Ivanković, M., Bogdan, S., Littvay, T., 2008. Genetic variation of flushing and winter leaf retention in European Beech provenance test in Croatia // *PROCEEDINGS The 8th IUFRO International Beech Symposium organized by IUFRO working party 1.01.07 "Ecology and Silviculture of Beech"* / Kazuhiko, Terazawa ; Palle, Madsen ; Khosro, Sagheb-Talebi (ur.). Nanae, Hokkaido, Japan : Hokkaido Rehabili, Kitahiroshima, Hokaido, Japan, 2008. 28-30.

Katicic, I., Bogdan, S., Sever, K., Satović, Z., Kajba, D., 2010. Genetic structure and variability of phenological forms of pedunculate oak (*Quercus robur* L.) from clonal seed orchards in Croatia. In: Vinceti B., Neate P. (comps.) Conference on “Forest ecosystem genomics and adaptation“. San Lorenzo de El Escorial (Madrid), Spain, 9-11 June 2010. Book of Abstracts. Bioversity International (Rome, Italy) and INIA (Madrid, Spain). P.p. 181.

RESEARCH INSTITUTE

Description

Faculty of Forestry Zagreb is the only institution for university level education in forestry and wood processing in Croatia. It has over 200 employees of which 118 are scientists working in two divisions and eleven departments. Department of Forest Genetics, Dendrology and Botany has eleven scientists that conduct education and research within areas of forest genetics, tree breeding, genetic resources conservation, plant physiology and plant sociology.

Infrastructure

Forestry division of the Faculty of Forestry Zagreb has been recently removed in very new buildings which are equiped with almost all facilities nedeed for higher forestry education and state-of- the-art forest ecosystem research. It has pedology and ecology lab, molecular biology lab as well as plant physiology lab that provide conditions for interdisciplinary forest ecosystem research.