

International Workshop on Forest Seed Storage, Kostrzyca, Poland, July 14th, 2008

Monday 14 July 2008

07:45	BREAKFAST
08:30 - 9:10	Czesław Koziół <i>Activities of Forest Gene Bank Kostrzyca</i>
9:10 - 10:00	VISITING THE FOREST GENE BANK
10:00 - 10:10	WELCOME
SESSION 1	CHAIR: PATRICIA BERJAK
	<i>ORTHODOX SEEDS AND THEIR STORAGE</i>
10:10 - 10:30	William E. Finch-Savage <i>Seed dormancy in Prunus avium and Arabidopsis thaliana</i>
10:30 - 10:50	Martin Jensen <i>Desiccation, freezing and storage tolerance of pretreated non-dormant Abies nordmanniana seeds</i>
10:50 - 11:10	Bolesław Suszka <i>How long can seeds of Norway spruce (Picea abies (L.) Karst.) be stored?</i>
11:10 - 11:30	TEA
11:30 - 11:50	Christina Walters <i>Impact of within-species differences in seed longevity on genebanking practices</i>
11:50 - 12:20	Jerzy Puchalski <i>International and national projects on seed banks for conservation of European native plants and Botanic Garden in Powsin activities.</i>
12:20 - 12:40	Christina Walters <i>Considerations for maximizing longevity and minimizing costs when genebanking seeds</i>
12:40 - 13:00	DISCUSSION
13:00	LUNCH

SESSION 2**CHAIR: CHRISTINA WALTERS****SENSITIVE TISSUE AND *RECALCITRANT* SEED STORAGE**

- 14:30 - 14:50 Jill M. Farrant
Comparison of mechanisms of desiccation tolerance in vegetative and seed tissues
- 14:50 - 15:30 Patricia Berjak and Norman Pammenter
Perspectives on Seed Recalcitrance
- 15:30 - 15:50 Sershen Naidoo, Bobby Varghese, Patricia Berjak and Norman Pammenter
A physiological and biochemical assessment of the effects of dehydration and cryopreservation on the recalcitrant embryonic axes of two amaryllid species
- 15:50 - 16:10 Jan J. Rybczyński and Anna Mięka
Fern cryopreservation: spores and gametophytes
- 16:10 - 16:30 REFRESHMENTS
- 16:30 - 16:50 Bobby Varghese, Sershen Naidoo, Patricia Berjak and Norman Pammenter
*Differential rates of drying of recalcitrant *Trichilia dregeana* embryonic axes: A study of survival and desiccation-induced oxidative stress metabolism*
- 16:50 - 17:10 Paweł Chmielarz, Marcin Michalak, Czesław Kozioł, Małgorzata Pałucka, Urszula Wasileńczyk and Agata Szymkowska
*Cryopreservation of *Quercus robur* plumules*
- 17:10 - 17:25 DISCUSSION
- 18:00 CONCERT – TRIO SEMPLICE
- 20:00 DINNER (BARBAQUE IN THE KOSTRZYCA ARBORETUM)

Tuesday 15 July 2008

8:30 - Bus to Prague

9:00 - 14:00 Scientific Council of the Kostrzyca Forest Gene Bank

14:30 - Lunch

Guests (visit in the Karkonoski National Park)

Wednesday 16 July 2008

10:00 - Bus to Prague

Organizing committee:

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