

Genetic variation of adaptive traits

Salaspils, LSFRI Silava, 30.11.2011.

9:00 Predicted climatic changes and possibilities for adaptation
9:40 Within-stand relatedness and genetic diversity: review
10:00 Genetic diversity with aspen stands: phenology observations and molecular analysis
10:20 prospects of further analysis – discussion
11:00 break
11:20 annual shoot development dynamics of hybrid aspen: results of 2010, 2011
11:40 annual shoot development dynamics of Scots pine
12:00 annual shoot development dynamics of Norway spruce
12:20 climatic factors and annual height growth development of *Pinus contorta*: preliminary results
12:40 break
13:40 productivity of *Pinus contorta* in Lithuania
14:00 traits of *Pinus contorta* in Latvia and Estonia
14:20 influence of genetic factors and regeneration method on Scots pine productivity
14:40 influence on thinning and genetic factors on productivity and quality of young Silver birch stands
15:00 break
15:20 genetic differences in wood traits of hybrid aspen
15:40 below-ground biomass of hybrid aspen
16:00 genetic differences in stress resistance
16:20 genetic determination of wood traits
16:40 differences in wood traits between Norway spruce clones
17:00 discussion, closing remarks,
departure to Jaunkalsnava

Jaunkalsnava, 1.12.2011

9:00 genetic differences among Scots pine families in resistance against needle cast
9:20 genetic and environmental factors determining occurrence of lamas growth of Scots pine
9:40 differences among Scots pine families in resistance against root rot
10:00 differences among Norway spruce clones in resistance against wood decay fungi
10:20 prospects of further analysis – discussion
10:40 break
11:00 departure to trials
15:30 closing of the conference

ESF project “Importance of Genetic Factors in Formation of Forest Stands with High Adaptability and Qualitative Wood Properties” (No 2009/0200/1DP/1.1.1.2.0/09/APIA/VIAA/146)



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