



norden

Nordic Forest Research  
Co-operation Committee (SNS)

**Project no:**

*Send the report to SNS-secretary Katrine Hahn Kristensen (hahn@life.ku.dk)*

FINAL REPORT for PROJECT

Please notice that the size of text sections in the form can be adjusted if needed.  
The length of the final report should not exceed 3 pages. **Supplementary information can be attached**

1. Projekt titel	<b>Risk assessment of new forest tree species</b>
2. Project title	<b>Risk assessment of new forest tree species</b>
3. Coordinator (name, address, telephone, e-mail)	Erik Dahl Kjær
4. Duration	2011-2012
5. Cost	SNS-funding: <b>125.736</b> kr    Other funding:
6. The purpose of the project / main problems / hypotheses addressed)	This project was a desk study addressing the specific call: Short-term scientific projects within the Selfoss declaration on sustainable forestry. The main objective was to review the stage of knowledge regarding the risk that introduced tree species in the future become invasive problem species.

7. Brief description of the research plan and of possible larger deviations from the plan	The project is a desk study made during 2012. We had a Nordic meeting for planning and exchange of experience within the research field. A preliminary output was presented at the SNS meeting in Copenhagen 2012, and the written report has been finalised afterwards.
8. Results (max 2 pages)	<p>The project has reviewed, compiled and discussed knowledge from Norway, Sweden and Denmark regarding the potential and realised ecological risk and the usefulness of exotic tree species develop into invasive problems.</p> <p>The focus has been on challenges and risk of biological invasiveness associated with use of new species in Scandinavian forestry in the face of climate change. The project has reviewed international experiences and revisited lessons learned from studies on the selected invasive woody plant species <i>Pinus mugo</i>, <i>Cytisus scoparius</i>, <i>Rosa rugosa</i>, <i>Prunus serotina</i>.</p> <p>The project also introduces and discusses the Norwegian approach on risk assessment of exotic tree.</p>
9. What advantages have been gained by the Nordic collaboration	The Nordic cooperation has allowed easy exchange of information and literature.
10. Publications and other communication activities (International scientific peer reviewed journals, other scientific publications, short communications, web etc.)	The project has developed a joint publication: <b>Introduction of exotic tree species to meet challenges from climate change in Nordic forestry – a risky business?</b> – to be posted at SNS website. The findings will be included in an upcoming publication in on the experience with use of exotic species (Scandinavian Journal of Forest Research)

<p>11. Project summary (about 1/3 page) for possible use in the News &amp; Views section of Scandinavian Journal of Forest Research</p>	<p>The report discusses Nordic experience with invasive woody plant species. The report contains six sections: Introduction, Global review, Experiences with 4 woody species in Denmark (<i>Pinus mugo</i>, <i>Cytisus scoparius</i>, <i>Rosa rugosa</i>, <i>Prunus serotina</i>), and an account of the Norwegian systematic approach. Based on the findings, we discuss general conclusions regarding risk assessment of future forest tree species.</p>
<p>12. Date and signature</p>	<p>Date: 16/7.2013 Signature of project leader/coordinator: Erik Dahl Kjær</p>