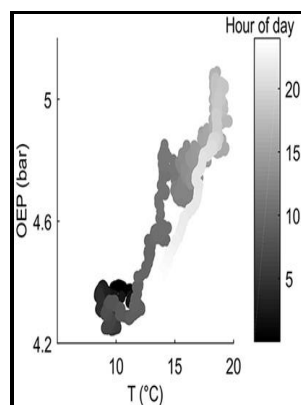


Scots pine in eastern Nebraska - a provenance study

Rocky Mountain Forest and Range Experiment Station, Forest Service, U.S. Dept. of Agriculture - Assessment of early survival and growth of planted Scots pine (*Pinus sylvestris*) seedlings under extreme continental climate conditions of northern Mongolia



Description: -

-
Immunity -- genetics -- Case Reports
Allergy and Immunology -- Case Reports
Immune System Diseases -- Case Reports
Scots pine -- Nebraska -- Provenance trials
Scots pine in eastern Nebraska - a provenance study

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Research paper RM -- 78.
Research paper RM -- 78.Scots pine in eastern Nebraska - a provenance study

Notes: Includes bibliographical references (p. 13).

This edition was published in 1971



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Understanding the evolution of native pinewoods in Scotland will benefit their future management and conservation

Furthermore, the Spanish and Bulgarian pines were significantly less stressed at 50% PSWD than the German and Polish ones, and the Italian provenance demonstrated higher response to mild stress under the control water supply than the French and Bulgarian provenances.

Evidence of adaptation after an extreme selection event: EUFORGEN

This will most likely change as the trees grow older and competition becomes more important. Although the proportions of self-pollination were eight times larger 25 vs 3 per cent in a population of 36 trees spread across a 15-ha area compared with that of larger populations covering thousands of hectares, the rates were nevertheless low when the degree of isolation of the trees is taken into account. This situation might worsen in the future as climate change simulations propose increasing temperatures and decreasing local summer precipitation even in moderate scenarios.

Ecology, history and silviculture of Scots pine (*Pinus sylvestris* L.) in western Norway

Owing to cone collections and observations in West Norway from the late nineteenth century to 1916, he also claimed that Scots pine in the lowlands produce some viable seeds every year — with the highest seed production in the inner fjord districts.

Characteristics of Scots Pine Growth to Climate Conditions in Different Pine Provenances Field Trial

Although the treatment differences under stress decreased by ~50% during the recovery period Table, the overall differences between treatments persisted in the recovery period Figures; Supplementary Table 3.

Understanding the evolution of native pinewoods in Scotland will benefit their future management and conservation

Significant differentiation among populations was found in diameter, height and bud burst.

Scots pine in eastern Nebraska : a provenance study : Read, Ralph A., 1916

In this study, the objectives were: 1 to compare shoot phenology of genetic material from Scandinavia maritime climate origin and northern Russia continental climate origin sources, under field conditions in both Scandinavia and Russia maritime and continental growth conditions ; and 2 to estimate the heritabilities of phenological parameters. No significant height differences were observed among the treatments for all six provenances.

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