

**Parviainen, J., Bücking, W., Vandekerkhove, K., Schuck, A. & Päivinen, R. (2000): Strict forest reserves in Europe: efforts to enhance biodiversity and research on forests left for free development in Europe (EU-COST-Action E4). Forestry 73(2): 107-118.**

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Short reference: Parviainen et al. (2000)

First author: Parviainen, J.

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Abstract

Strict forest reserves in Europe: efforts to enhance biodiversity and research on forests left for free development in Europe (EU-COST-Action E4)

J. Parviainen, W. Bücking, K. Vandekerkhove, A. Schuck and R. Päivinen

Summary:

Protected forest areas have become increasingly important and strict forest reserves have an important role to play on two fronts: they are in themselves important protection sites, and they also provide the necessary reference data for nature-based silviculture in production forests. The EU-COST-Action E4 (European Forest Reserves Research Network) underlined their importance and found that there is a wide variation in conceptual approach, historical background, size and share of strict forest reserves throughout Europe. These differences are clearly linked to local forest type and forest history, land use and natural forest dynamics. Moreover, the term 'strict' reserve is interpreted very differently in different countries: in many cases game control, fire control and the removal of invading exotic species are allowed. The concept of complete non-intervention does not seem to be realistic for Europe. The total strictly protected forest area, for the 26 countries involved in COST-E4, is calculated to be nearly 3 million hectares of about 1.7 per cent of the total forest area.

However, subjects, goals, methodologies and constraints for scientific research

seem to be strikingly similar throughout Europe. Transboundary co-operation is therefore evident, and needs further promotion. For this purpose, an electronic database on strict reserves, which can be consulted through the Internet at [http://www.efi.fi/Database\\_Gateway/FRRN](http://www.efi.fi/Database_Gateway/FRRN), has been constructed within the framework of the COST action. Judging from the number of visits, it is likely to become an important tool for future scientific co-operation.

[biodiversity](#)

[forest dynamic, gap dynamic, succession](#)

[nature conservation](#)

Notes

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Tartalom:

Introduction

European co-operation on strict forest reserves within the framework of EU-COST-Action E4

European strict forest reserves

Amount and size of strict forest reserves in Europe

Differences in forest dynamics and in forest utilization history

Strict forest reserves and nature-based silviculture

Limits of relinquishment of management and non-intervention: 'strict' isn't always that strict

The forest reserves databank: offering opportunities for co-operation and comparative research

Data entry, access and contents

Use of the FRRN databank

Conclusions

References

Címszavazva - VA

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