

METSÄNTUTKIMUSLAITOKSEN
TIEDONANTOJA 341
Metsänsuojelun tutkimusosasto

Antti Uotila and Lalli Laine

**Research reports of *Phacidium coniferarum*,
pruning damages and the effect of green
pruning on the growth in conifers
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Tutkimusraportteja syysaavakasta, havupuiden pystykarsintavaurioista ja
karsintavoimakkuuden kasvuvaikutuksista
Kirjallisuusluettelo

Antti Uotila ja Lalli Laine

Preface

The purpose of this bibliography is to assist research work connected to pruning (especially pruning damages). The bibliography has been compiled from the references in Review of Plant Pathology 1920 — 1987, Forestry Abstracts 1940 — 1987 and from the Agricola and Biosis databases (1970 — 1986), and from some other sources.

A list of keywords with reference numbers is given at the end in order to make it easier to find information on specialized subjects. The keywords connected to this topic have been chosen from the original articles or abstracts.

As *Phacidium coniferarum* (Hahn) Di-Cosmo Nag Raj & Kendrick (anamorph *Apostresseria* sp.) is a serious pathogen in the pruning wounds of conifers, mycological

articles on this fungus have also been included. The synonyme names to *Phacidium coniferarum* are: *Potebniamyces coniferarum*, *Phacidiella coniferarum*, *Phacidium pulverulentum*; and anamorphs: *Phacidiopycnis pseudotsugae*, *Phomopsis pseudotsugae*, *Discula pinicola*, *Discula pinicola* var. *mammosa* and *Ligniella pinicola*.

The effect of pruning intensity on the growth of conifers is also covered, and some publications describing the defence reactions of trees have been added as a key to this subject.

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Photo: A canker caused by *Phacidium coniferarum*.
The pine was pruned in November 1987 and
photographed in June 1988.

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