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Denis P. Lavender Papers, 1954-2007
Preliminary Container List

Box 1

Article Reprints and Bulletins, 1954-1988

Thesis: The Growth of Seedlings of some Coniferous Species in a Controlled Environment, 1962 (Lavender's doctoral thesis at OSU)

Manuscripts:

Book Chapter Drafts-"Forest Tree Seeds," 2001-2004
"Lavender's DF Manuscript" ca. 2003

Conference Proceedings and Programs, 1967-1990 (3 folders and 1 volume-abstracts of papers given by Lavender)

Correspondence:

General, 1982-2005
Research Projects, 1985-2004
Reviews of Article Drafts and Grant Proposals by Lavender, 1976-1996
Silviculture Institute of British Columbia, 1992-1999 (2 folders)
Silviculture and Forest engineering Institute of British Columbia, 1996-2000
Tillamook Forest Retiree's Tour, 1994
Western Forestry and Conservation Committee, 1986-1994 (2 folders)

Presentations, ca. 1992-2003 (4 folders)

Reports:

Effects and Low Soil Temperatures and Styroblock Design Upon the Root Growth and Seedling Vigor of White Spruce and Lodgepole Pine Seedlings, undated
Effects of Some Thermoperiods and Soil Temperatures Upon the Growth and Dormancy of Douglas Fir, undated
Forest Physiology and Planning For Timber Production (1973 conference paper)
Growth of Interior Spruce Seedlings on Forest Floor Materials, undated
Production of Conifer Planting Stock with High Root Growth Potential, undated

Box 2

Research Data:

Analyses for Seedling Diameter and Height Variations, 1991
Analysis for Spring 89-Analyses Using Species as a Factor
Analysis for Spring 89-Species Analyzed Separately
Analysis for Fall 89 and Spring 90-Data by Individual Species (2 folders)
"Chilling Study," 1985-1986 (The Variation in Chilling Requirement of Douglas-Fir Seedlings Grown from Seed Collected in Areas with Mild or with Cold Winters in

Western Oregon)
Cluster Plantation Research, 1987-2007 (includes Slides)
Effects of Plant Growth Regulations and Photoperiod, 1988-1991 (project 88-5)
Effects of Various Types of Site Preparation on Root Tip Initiation and Growth of White Spruce and Lodgepole Pine Seedlings, 1987-1990 (folders)
Field Card Data for Planting Areas at Camp Creek, 1989-1990
Flower Induction Project (7802), 1972-1973
Loose Data/Calculations from Various Projects
Nursery-Flower Induction: Portable Greenhouse Temp. Control and Grafted Areas, 1967-68
Reproductive Buds on Two-Year Grafts/Flower Induction on Juvenile Doug Fir, 1965-1977
Root Growth of Seedlings of Boreal Coniferous Seedlings as Affected by Photoperiod, 1990
Root Pruning Study-Corvallis Nursery, 1963-1965
Soil Temperature Studies, 1987-1990

Boxes 3-7

Reference Materials/Subject Files:

Box 3

Pollen Physiology (3 folders)
Seed Physiology (2 folders)
Temperature-Heat (3 folders-many of the sources relate to seed orchards)
Planting Stock (3 folders-includes slides)
Planting Techniques (includes slides)
Stress (2 folders-many of the sources relate to photoperiod and light research)

Box 4

Stress (1 folder)
Tissue Culture/Cuttings-Clones (2 folders-includes slides)
Flowering (5 folders)
Seeds (7 folders)

Box 5

Physiology/Flowering
Root Growth and Seedling Storage (4 folders)
Planting (2 folders)
Conference and Meeting Notes (3 folders)
Foliage and Saplings
Soils (2 folders)
Direct Seeding (includes slides)
Seeds/Weather/Insect Collection
Fire and Prescribed Burning (2 folders)

Box 6

Fire and Prescribed Burning (2 folders and one bound book)

Cluster Plantations (3 folders)

UBC Research/Photoperiod/Storage (3 folders)

Seed Storage and Germination (2 folders)

Genetics in Regeneration

Roots-Misc.

Canada-Reforestation (2 folders)

Various Topics (2 folders)

Subjects include: global climate change/warming, mycorrhizal influence upon tree growth, genetic engineering, douglas fir seed research, seed dormancy studies, effects of radiation upon seed germination, cone collection, cold storage of seedlings.

Box 7

Various Topics (7 folders)

Books and Journals (as opposed to single articles) with Handwritten Notations by Lavender

Box 7

OSU Forestry Publications List: 1943-2006

Theses from Four of Lavender's Students

Photographic Slides-Variou Research Projects, 1988-1989

Accession 2014:043

Lavender, Denis, Papers, 1955-2007

Box 1

Article Reprints, Manuscripts, and Publications (1 folder)

Hermann, Richard K. and Denis P. Lavender. Douglas Fir Planted Forests. *New Forests* 17: 53-70, 1999. (Reprint)

Hermann, Richard K. and Denis P. Lavender. *Psuedotsuga menziesii* (Mirb.) Franco: Douglas-fir. In: Burns, Russell M.; Honkala, Barbara H., tech. cords. *Silvics of North America. Volume 1, conifers. Agric. Handb. 654.* Washington, DC: Forest Service, U.S. Department of Agriculture: 527-540. (Reprint)

Lavender, Denis P. Botany 462, Mycology, 8 June 1959. {Untitled, his graded paper}

Salim N. Silim and Denis P. Lavender. Seasonal patterns and environmental regulation of frost hardiness in shots of seedlings of *Thuja plicata*, *Chamaecyparis nootkatensis*, *Picea glauca*. Department of Forest Sciences, The University of British Columbia. June 17, 1993.

Bever, Dale N. and Denis P. Lavender. Revised "Number of Tresses per Acre" Curves. Oregon State Board of Forestry, Research Note 25, October., 1955.

Camm, E.L., Goetze, D.C., S.N. Silim and D.P. Lavender. Cold Storage of Conifer Seedlings: An update from the British Columbia perspective. The Forestry Chronicle. Vol. 70, no. 3, May/June 1994.

R.K. Hermann and D.P. Lavender. Physiological Changes in Dormant Douglas-Fir Seedlings and Their Implications for Nursery and Planting Practices. XIV. UUFROM – congress, Section 22. Munchen, West Germany, 1967.

Lavender, Denis P. The Effects of Reforestation Practices Upon the Endogenous Growth Rhythms of Temperate Coniferous Seedlings and Their Resultant Vigour. Presented at 1988 Ontario Symposium. Manuscript.

Lavender, Denis P. Salim N. Silim, Tissa Kannangara and Lee Charleson. Effects of Late Summer Photoperiod upon Some Aspects of the Physiology of Seedlings of Several Boreal Species. [1991] Manuscript and presentation (?)

Conference Proceedings and Presentations (3 folders)

Forest Nursery Association of British Columbia, 1987-1990

International Perspectives on Forestry, May 4, 2001

Symposium on Thinning in Westside Forests, April 1-2, 1997 - presenter

Institutes (1 folder)

Silviculture Institute of British Columbia; Alberta Advanced Forest Management Institute, 1995-2000

Workshops (4 folders)

Cone Collection and Seed Processing Workshop, 1983 (3 folders)

Bareroot Nursery Technology Workshop October 25-28, 1982 (1 folder)

Research Data/Reports (1 folder)

Nutrient Analysis Summary of F795 Super Seedling Material Collected in Jan. 1970

Lysimeter-Out Plantings of Douglas Fir and Ponderosa Pine Seedlings from Light Leakage and Photoperiod Length Studies, 1975 (Doug McCreary)

Reference Materials/Subject Files (9 folders)

Drought Root Systems

Forest Nursery Manual
Herbicides, Hexazinone
Miscellaneous (3 folders) (includes some thesis and conference proceedings on tree orchards, seed and cone research, germination, genetic management of trees among other topics)
Pollen
Seed and Cone Maturity, Reproduction
Soil Compaction

Correspondence (1 folder)
General, 1989-1997

Course Guide (1 folder)
Silviculture Reforestation: FR 430/432/532, 1993

Student Paper (1 folder)
Untitled Paper for a Mycology Class (Botany 462), 1959