

BIBLIOGRAPHY OF FOREST PATHOLOGY
RESEARCH PUBLICATIONS,
WESTERN AND NORTHERN REGION

COMPILED BY R.M. SMITH

INFORMATION REPORT NOR-X-163
DECEMBER 1976

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Bachelor, F.W., A.A. Loman and L.R. Snowdon. 1970. Synthesis of pinosylvin and related heartwood stilbenes. Can. J. Chem. 48:1544-1557.

Baker, J., D. Hocking and M. Nyborg. 1973. Effect of atmospheric sulphur dioxide on the pH of rain intercepted by forest trees. Pages 98-100 in Hocking and Reiter, eds. Proceedings of a workshop on sulphur gas research in Alberta. Environ. Can., Can. For. Serv., North. For. Res. Cent. Inf. Rep. NOR-X-72.

Baranyay, J.A. 1962. Phenological observations on western hemlock dwarf mistletoe (Arceuthobium campylopodum Gill forma tsugensis). Can. Dep. For., For. Ent. Path. Bi-mon. Prog. Rep. 18(4):3-4.

. 1964. Bark moisture relationships in western hemlock branches infected by dwarf mistletoe. Can. J. Bot. 42:1313-1319.

. 1964. Report on the condition of shelterbelts in Alberta with special reference to disease, insects and cultural practices. Can. Dep. For., For. Ent. Path. Lab., Calgary, Alberta. Unnumbered Rep.

. 1966. Fungi from dwarf mistletoe infections in western hemlock. Can. J. Bot. 44:597-604.

. 1967. Notes on hypoxylon canker of aspen in Alberta. For. Chron. 43:372-380.

. 1967. Shelterbelts in the Great Plains Region of the United States. Can. Dep. For. Rural Develop., For. Br. Inf. Rep. A-X-5.

. 1968. Fungi collected during forest disease surveys in northern Alberta and the District of Mackenzie, Northwest Territories. Can. Dep. For. Rural Develop., For. Br. Publ. No. 1238.

. 1968. Squirrel feeding on dwarf misteltoe infections. Can. Dep. For. Rural Develop., For. Br. Bi-mon. Res. Notes 24(5):41-42.

. 1970. Lodgepole pine dwarf mistletoe in Alberta. Can. Dep. Fish. For., Can. For. Serv. Publ. No. 1286.

Baranyay, J.A., R.J. Bourchier and G.P. Thomas. 1962. Supplement to lectures on forest pathology to the Alberta Forestry Training School. Can. Dep. For., For. Ent. Path. Br., Calgary, Alberta.

- Baranyay, J.A., R.J. Bourchier and G.P. Thomas. 1974. Supplement to lectures on forest pathology. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. A-X-17.
- Baranyay, J.A. and P.S. Debnam. 1962. Plastic laminating of fragile plants. Can. Dep. For., For. Ent. Path. Br. Bi-mon. Prog. Rep. 18(4):2-3.
- Baranyay, J.A. and A. Funk. 1969. Helotium resinicolum n.sp. and its Stilbella conidial state. Can. J. Bot. 47:1011-1014.
- Baranyay, J.A. and Y. Hiratsuka. 1967. Identification and distribution of Ciborinia whetzelii (Seaver) in Western Canada. Can. J. Bot. 45:189-191.
- Baranyay, J.A. and L. Safranyik. 1970. Effect of dwarf mistletoe on growth and mortality of lodgepole pine in Alberta. Can. Dep. Fish. For., Can. For. Serv. Publ. No. 1285.
- Baranyay, J.A. and G.R. Stevenson. 1964. Mortality caused by Armillaria root rot, Peridermium rusts, and other destructive agents in lodgepole pine regeneration. For. Chron. 40:350-361.
- Barton, G.M. and R.E. Wall. 1968. The occurrence of 3-hydroxyflavanones in aspen branch stubs. Can. Dep. For. Rural Develop., For. Br. Bi-mon. Res. Notes 24(6):49.
- Belcher, J. and L.W. Carlson. 1968. Seed-treatment fungicides for control of conifer damping off: laboratory and greenhouse tests, 1967. Can. Plant Dis. Surv. 48:47-52.
- Black, R.L. 1953. Radulum casearium, a poplar decay fungus. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(4):3.
_____. 1953. A white trunk rot of poplar caused by "Fungus A". Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(5):2.
- Black, R.L. and P.J. Kristapovich. 1954. Decay of trembling aspen in Manitoba and eastern Saskatchewan. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Interim Rep.
- Blauel, R.A. and K.L. Mortensen. 1973. Preliminary report on potash production pollutants and shelterbelt trees near Guernsey, Sask. Environ. Can., Can. For. Serv., North. For. Res. Cent. Inf. Rep. NOR-X-67.

- Bohaychuk, W.P. and R.D. Whitney. 1973. Environmental factors influencing basidiospore discharge in Polyporus tomentosus Fr. Can. J. Bot. 51:801-815.
- Bourchier, R.J. 1953. Dwarf mistletoe on spruce in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(2):4.
- _____. 1954. Armillaria root rot of natural lodgepole pine regeneration in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 10(1):4.
- _____. 1954. Chemical control of dwarf mistletoe on lodgepole pine in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 10(1):4.
- _____. 1954. Septogloewum gillii on lodgepole pine mistletoe. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 10(2):3.
- _____. 1955. The effects of temperature, pH and medium on hyphal fusions in the Thelephoraceae. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Dep. Mimeo.
- _____. 1955. New host relationships for fungus parasites of the lodgepole pine mistletoe. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 11(4):2.
- _____. 1956. Chemical control of dwarf mistletoe on lodgepole pine in Alberta. Can. Dep. Agric., For. Biol. Div., Calgary, Alberta (Mimeo).
- _____. 1956. Two severe Atropellis canker outbreaks on lodgepole pine in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Dep. Mimeo.
- _____. 1957. Red belt, Atropellis canker, and tree mortality of lodgepole pine in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 13(2):2-3.
- _____. 1957. Variation in cultural conditions and its effect on hyphal fusions in Corticium vellereum. Mycologia 49:20-28.
- _____. 1960. A list of pathogens on Pinus, Populus, and Quercus in Alberta, the Rocky Mountain National Parks and the Northwest Territories. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Dep. Mimeo.
- _____. 1960. Microfungi in the stems of living lodgepole pine. State Univ. Coll. For., Syracuse Univ. PhD. Thesis.

Bourchier, R.J. 1961. Laboratory studies on microfungi isolated from the stems of living lodgepole pine, Pinus contorta Dougl. Can. J. Bot. 39:1373-1385.

_____. 1961. Two new imperfect fungi from the heartwood of living lodgepole pine. Can. J. Bot. 39:1781-1784.

Bourchier, R.J. and J. Kuijt. 1953. Lodgepole pine mistletoe on white spruce in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(5):2-3.

Bourchier, R.J. and A.A. Loman. 1959. Check list of fungi and disease for the genus Pinus in the Alberta Region. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Dep. Mimeo.

Carlson, L.W. 1968. White spruce seedling damping-off. In Fungicide-nematicide tests, results of 1967. Am. Phytopath. Soc. 23:127.

_____. 1969. Western gall rust on jack pine nursery stock in Manitoba. Plant Dis. Rep. 53:100.

_____. 1970. Differential phytotoxicity complicates selection of conifer seed-treatment chemicals. Can. Dep. Fish. For. Bi-mon. Res. Notes 26(4):37-38.

_____. 1970. Effects of vitavax on chlorophyll content, photosynthesis and respiration of barley leaves. Can. J. Plant Sci. 50:627-630.

_____. 1971. Seed treatment for damping-off: a necessity. Environ. Can., Can. For. Serv., North. For. Res. Cent. For. Rep. 1(4):2.

_____. 1972. Fungicidal control of poplar leaf spots in Alberta and Saskatchewan. Can. Plant Dis. Surv. 52:99-101.

_____. 1972. Mortality in 1969 spring-planted jack pine plantations. In Jack pine in southeastern Manitoba, a compendium of research 1967-1970. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-50E.

_____. 1972. Survival of 2-0 and 3-0 jack pine seedling out-plantings in southeastern Manitoba. Environ. Can., Can. For. Serv. Bi-mon. Res. Notes 28 (4): 25-26.

_____. 1973. Jack pine storage molds. In Fungicide-nematicide tests, results of 1972. Am. Phytopath. Soc. 28:110-111.

- Carlson, L.W. 1974. Cutting bed cankers (fungicides). In Fungicide-nematicide tests, results of 1973. Am. Phytopath. Soc. 29:124.
- _____. 1974. Cutting bed cankers (timing). In Fungicide-nematicide tests, results of 1973. Am. Phytopath. Soc. 29:124
- _____. 1974. Fungicidal control of poplar leaf spots. Can. Plant Dis. Surv. 54(3):81-85.
- Carlson, L.W. and J. Belcher. 1967. Greenhouse evaluation of seed treatment chemicals for the control of conifer seedling damping-off. Can. Dep. Fish. For. Bi-mon. Res. Notes 23(6):45-46.
- _____. 1969. Jack pine and red pine damping-off. In Fungicide-nematicide tests, results of 1968. Am. Phytopath. Soc. 23:109.
- _____. 1969. Seed treatment fungicides for control of conifer damping-off; laboratory and greenhouse tests, 1967-1968. Can. Plant Dis. Surv. 49:38-42.
- _____. 1969. Seed and soil treatments for control of conifer seedling damping-off. Can. Dep. Fish. For. Bi-mon. Res. Notes 25(1):4-5.
- _____. 1970. Jack pine and white spruce damping-off; seed treatments. In Fungicide-nematicide tests, results of 1969. Am. Phytopath. Soc. 25:118.
- _____. 1970. Jack pine and white spruce damping-off; soil treatments. In Fungicide-nematicide tests, results of 1969. Am. Phytopath. Soc. 25:118-119.
- _____. 1970. Effect of nursery soil and soil amendment extracts on growth of damping-off fungi and conifer seed germination. Can. Dep. Fish. For., For. Br. Bi-mon. Res. Notes 26(3):26.
- _____. 1970. Effect of ultrasonic root cleaning on subsequent growth of caragana seedlings. Can. Dep. Fish. For. Bi-mon. Res. Notes 26(3):27.
- _____. 1970. Seed treatment fungicides for control of conifer damping-off: laboratory and greenhouse tests 1968-1969. Can. Plant Dis. Surv. 50:63-73.

Carlson, L.W. and J. Belcher. 1971. Jack pine damping-off. In Fungicide-nematicide tests, results of 1970. Am. Phytopath. Soc. 26:125-126.

_____. 1971. Lodgepole pine damping-off. In Fungicide-nematicide tests, results of 1970. Am. Phytopath. Soc. 26:126-127.

_____. 1972. Jack pine damping-off. In Fungicide-nematicide tests, results of 1971. Am. Phytopath. Soc. 27:143.

_____. 1972. Lodgepole pine damping-off. In Fungicide-nematicide tests, results of 1971. Am. Phytopath. Soc. 27:143.

_____. 1972. White spruce damping-off. In Fungicide-nematicide tests, results of 1971. Am. Phytopath. Soc. 27:152-153.

Carlson, L.W. and R. Esau. 1971. Caragana seedling blight and seed rot. In Fungicide-nematicide tests, results of 1970. Am. Phytopath. Soc. 26:125.

_____. 1972. Caragana seedling blight and seed rot. In Fungicide-nematicide tests, results of 1971. Am. Phytopath. Soc. 27:40.

Carlson, L.W. and J.W. Hamm. 1970. Caragana seedling blight and seed rot. In Fungicide-nematicide tests, results of 1969. Am. Phytopath. Soc. 25:108.

Carlson, L.W. and R. Huber. 1975. Jack pine storage molds. In Fungicide-nematicide tests, results of 1974. Am. Phytopath. Soc. 30:128.

Carlson, L.W. and C. Lindquist. 1968. Storage breakdown of poplar cuttings. In Fungicide-nematicide tests, results of 1967. Am. Phytopath. Soc. 23:111.

_____. 1969. Poplar hybrid, storage, breakdown, unknown cause. In Fungicide-nematicide tests, results of 1968. Am. Phytopath. Soc. 24:93.

Carlson, L.W. and L.D. Nairn. 1975. Pentachlorophenol and captan effects on containerized red pine and jack pine seedlings. Tree plant Notes 26(1):32-34.

- Cram, W.H. and O. Vaartaja. 1957. Rate and timing of fungicidal soil treatments. *Phytopathology* 47:169-173.
- Denyer, W.B.G. 1952. Cephalosporium canker of western hemlock - British Columbia. *Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep.* 8(1):4.
- _____. 1952. Red stain in lodgepole pine in Alberta. *Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep.* 8(2):3-4.
- _____. 1953. Cephalosporium canker of western hemlock. *Can. J. Bot.* 31: 361-366.
- _____. 1958. The effect of O-Phenylphenol of the growth of some wood rotting fungi. *Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep.* 14(1):2-3.
- _____. 1960. Cultural studies of Flammula alnicola (Fr.) Kummer and Flammula conissans (Fr.) Gillet. *Can. J. Bot.* 38:909-920.
- _____. 1962. Decay and cull. Pages 32-34 in C.L. Kirby, The growth and yield of white spruce stands in Saskatchewan. *Sask. Dep. Nat. Resour., For. Br. Tech. Bull.* 4.
- Denyer, W.B.G. and D.E. Etheridge. 1956. A punch card for decay studies. *For. Chron.* 32:429-432.
- Denyer, W.B.G., D.J. Gerrard and R.W. Kennedy. 1966. A statistical approach to the separation of white and black spruce on the basis of xylem anatomy. *For. Sci.* 12:177-184.
- Denyer, W.B.G. and C.G. Riley. 1953. Decay in white spruce at the Kananaskis Forest Experiment Station. *For. Chron.* 29:233-247.
- _____. 1954. Interim report on decay of white spruce in the prairie provinces. *Can. Dep. Agric., Res. Br., For. Biol. Div., Saskatoon, Sask. Mimeo.*
- _____. 1964. Dieback and mortality of tamarack caused by high water. *For. Chron.* 40:334-338.
- _____. 1964. Drought effects on young spruce stands in poor sites. *For. Chron.* 40:206-208.
- Denyer, W.B.G. and R.D. Whitney. 1968. Rates of decay by Coniophora puteana and Polyporus tomentosus in living and dying white spruce. *For. Sci.* 14:122-126.

Denyer, W.B.G. and R.D. Whitney. 1969. Resin as a barrier to infection of white spruce by heart rotting fungi. For. Sci. 15:266-267.

. 1970. Inoculations with Stereum sanguinolentum and Fomes pini in black spruce and balsam fir. For. Sci. 16:160-164.

Edwards, I.K., W.D. Holland and L.W. Carlson. 1974. Assessment of potential tree nursery sites near Hudson Bay, Saskatchewan. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-119.

Endean, F. and L.W. Carlson. 1975. The effect of rooting volume on the early growth of lodgepole pine seedlings. Can. J. For. Res. 5:55-60.

Endean, F. and D. Hocking. 1973. Performance after planting of four types of container-grown lodgepole pine seedlings. Can. J. For. Res. 3:185-195.

Etheridge, D.E. 1953. Comparative studies of cultural and physiological characteristics of Fomes annosus (Fr.) Cooke from North American and European localities. McGill Univ., M.Sc. Thesis.

. 1953. Comparative studies of North American and European cultures of the root-rot fungus Fomes annosus (Fr.) Cook. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Prog. Rep. 9(1):3.

. 1953. Decay of subalpine spruce on the Rocky Mountain Forest Reserves in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(6):3.

. 1954. Comparative studies of North America and European cultures of the root-rot fungus Fomes annosus (Fr.) Cooke. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Interim Rep.

. 1954. Interim report on the decay of subalpine spruce on the Rocky Mountain Forest Reserve in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Interim Rep.

. 1954. Occurrence of purple agar-staining fungus with decay in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 10(4):3-4.

- Etheridge, D.E. 1955. Comparative studies of North American and European cultures of the root-rot fungus Fomes annosus (Fr.) Cooke. Can. J. Bot. 33:416-428.
- _____. 1956. Decay in subalpine spruce on the Rocky Mountain Forest Reserve in Alberta. Can. J. Bot. 34:805-816.
- _____. 1956. Occurrence of Coryne sarcoides with heart rot fungi on spruce in Alberta. Br. Mycol. Soc. Trans. 39:385-386.
- _____. 1957. Comparative studies of Coryne sarcoides (Jacq.) Tul. and two species of wood-rotting fungi. Can. J. Bot. 35:595-603.
- _____. 1957. Differentiation of white and brown-rot fungi by an oxidase reaction. Nature 179:921-922.
- _____. 1957. The influence of moisture and other factors on the activity of heartwood fungi in subalpine spruce. Can. Dep. Agric. Mimeo.
- _____. 1957. A method for the study of decay resistance in wood under controlled moisture conditions. Can. J. Bot. 35:615-618.
- _____. 1957. Moisture and temperature relations of heartwood fungi in subalpine spruce. Can. J. Bot. 35:935-944.
- _____. 1957. Relationships between site and decay in subalpine spruce in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 13(5):1-2.
- _____. 1958. Decay losses in subalpine spruce on the Rocky Mountain Forest Reserve in Alberta. For. Chron. 34:116-131.
- _____. 1958. The effect on variations in decay of moisture content and rate of growth in subalpine spruce. Can. J. Bot. 36:187-206.
- _____. 1959. A non-destructive method of estimating moisture in wood. Can. J. Bot. 37:491-492.
- _____. 1960. Factors affecting branch infection in aspen. Can. Dep. Agric., For. Biol. Lab., Calgary. Mimeo.
- _____. 1961. Factors affecting branch infection in aspen. Can. J. Bot. 39:799-816.
- Etheridge, D.E., H.W. Biston and A. Jabbar. 1953. The influence of hexose phosphates, calcium and jute extract on the formation of perithecia by Chaetomium globosum. Gen. Microbiol. 8:302-306.

Etheridge, D.E. and E. Carmichael. 1955. Further observations on the occurrence of Coryne sarcoides (Jacq.) Tul. on spruce in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 11(6):3.

_____. 1957. Antagonism by Coryne sarcoides (Jacq.) Tul. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 13(6):2-3.

_____. 1957. Observations on Coryne sarcoides (Jacq.) Tul. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 13(4):3.

Etheridge, D.E. and J. Laut. 1958. Fungi associated with living and dead branches of pole-sized aspen. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 14(4):2-3.

Etheridge, D.E., G. Paul and G.P. Thomas. 1960. Fungi and decay in aspen and balsam poplar in the boreal forest region--Alberta. Can. J. Bot. 38:459-466.

Etter, H.M. and L.W. Carlson. 1973. Sugars, relative water content, and growth after planting of dormant lodgepole pine seedlings. Can. J. Plant Sci. 53:395-399.

Funk, A. and B.C. Sutton. 1972. A disease of conifer buds in western Canada associated with Dichomera gemmicola n.sp. Can. J. Bot. 50:1513-1518.

Funk, A. and H. Zalasky. 1975. Rhytididiella baranyayi n.sp. associated with cork-bark of aspen. Can. J. Bot. 53:752-755.

Gautreau, E.J. 1963. Effects of white pine blister rust in limber pine stands of Alberta. Can. Dep. For., For. Ent. Path. Br. Bi-mon. Prog. Rep. 19(4):3.

Helms, J.A., F.W. Cobb, Jr. and H.S. Whitney. 1971. Effects of infection by Verticiladiella vagenerii on the physiology of Pinus ponderosa. Phytopathology 61:920-925.

Henderson, D.M. and Y. Hiratsuka. 1974. Ontogeny of spore markings on aeciospores of Cronartium commandrae and peridermioid teliospores of Endocronartium harknessii. Can. J. Bot. 52:1919-1921.

- Hiratsuka, Y. 1965. The identification of Uraecium holwayi on hemlock as the aecial state of Pucciniastrum vaccinii in western North America. Can. J. Bot. 43:475-478.
- _____. 1968. Morphology and cytology of aeciospores and aeciospore germ tubes of host-alternating and pine-to-pine races of Cronartium flaccidum in northern Europe. Can. J. Bot. 46:1119-1122.
- _____. 1969. Endocronartium, a new genus for autoecious pine stem rusts. Can. J. Bot. 47:1493-1495.
- _____. 1970. Emergence of the aeciospore germ tubes of Cronartium coleosporioides (= Peridermium stalactiforme) as observed by scanning electron microscope. Can. J. Bot. 48:1692-1693.
- _____. 1970. Identification and morphology of the aecial state of Pucciniastrum sparsum in northwestern Canada. Can. J. Bot. 48:433-435.
- _____. 1971. Spore surface morphology of pine stem rusts of Canada as observed under a scanning electron microscope. Can. J. Bot. 49:371-378.
- _____. 1973. The nuclear cycle and the terminology of spore states in uredinales. Mycologia 65:432-443.
- _____. 1973. Nuclear cycle, taxonomy and nomenclature of autoecious pine stem rusts in North America and Europe. Rep. Tottori Mycol. Inst. (Japan). (Japanese with English summary). 10:243-248.
- _____. 1973. Sorus development, spore morphology, and nuclear condition of Gymnosporangium gaeumannii ssp. albertense. Mycologia 68:137-144.
- _____. 1974. Proposal to conserve the generic name Peridermium (Link) Schmidt & Kunze with a conserved type species, Aecidium elatinum Alb. & Schw. (Fungi imperfecti uredinearum). Taxon 23:428-429.
- _____. 1974. Review: a revised taxonomic account of Gymnosporangium. Mycologia 66:206-207.
- _____. 1974. Spore morphology, nuclear cycle and terminology of rust fungi. (Abstr.) Proc. Post-Congress (IAMS) Mycological Meeting, Tottori, Japan p.5.

- Hiratsuka, Y. 1975. Recent controversies on the terminology of rust fungi. Rep. Tottori Mycol. Inst. 12:99-104.
- Hiratsuka, Y. and E.J. Gautreau. 1966. Occurrence of Cronartium comptoniae in Alberta and the N.W.T. Plant Dis. Rep. 50:419.
- Hiratsuka, Y. and P.J. Maruyama. 1968. Identification of Peridermium harknessii in Eastern Canada on the basis of nuclear condition of aeciospore germ tubes. Plant Dis. Rep. 52:650-651.
- _____. 1968. Nuclear condition of the germ tubes of Peridermium ephedra. Mycologia 60:437-438.
- _____. 1974. A modified critical point drying to study germ tubes of rust fungi under scanning electron microscope. Environ. Can., Can. For. Serv. Bi-mon. Res. Notes 30(1):5-6.
- Hiratsuka, Y., L.E. McArthur and F.J. Emond. 1967. A distinction between Pucciniastrum geoppertianum and P. epilobii with clarification of status of Peridermium holwayi and P. ornamentale. Can. J. Bot. 45:1913-1915.
- Hiratsuka, Y., W. Morf and J.M. Powell. 1966. Cytology of the aeciospores and aeciospore germ tubes of Peridermium harknessii and P. Stalactiforme of the Cronartium coleosporioides complex. Can. J. Bot. 44:1639-1643.
- Hiratsuka, Y. and J.M. Powell. 1969. Cytology and taxonomy of autoecious pine stem rusts. IX Int. Bot. Cong. Seattle, Washington. Abstracts: 91.
- Hocking, D. 1968. Dothistroma needle blight of pines. Field control with timed copper sprays. Trop. Pest. Res. Inst. Misc. Rep. 572, p. 12.
- _____. 1969. Review of winter desiccation in conifers: How Alberta's forest conifers survive the winter. In Proc. 3rd Forest Microclimate Symp. Kananaskis, Alberta. Sept. 23-26, 1969. p. 189-197.

- Hocking, D. 1970. Pythium intermedium de Bary, a pathogen new to coniferous seedlings in Canada. Can. Dep. Agric., Res. Br. Can. Plant. Dis. Surv. 50:121-123.
- _____. 1970. Semesan fungicidal dip controls canker diseases of poplar cuttings in Alberta. Tree Plant Notes 21(3):18-20.
- _____. 1971. Effect and characteristics of pathogens on foliage and buds of cold-stored white spruce and lodgepole pine seedlings. Can. J. For. Res. 1:208-215.
- _____. 1971. Preparation and use of a nutrient solution for culturing seedlings of lodgepole pine and white spruce; with selected bibliography. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-1.
- _____. 1971. Requirements for successful seedling storage. In Proc. Intermountain Nurseryman's Assoc. Meeting, Edmonton, Alberta. August 1971. p. 7.
- _____. 1972. Comparison of proprietary with prescription nutrient solutions for Alberta white spruce and lodgepole pine. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-35.
- _____. 1972. Current knowledge for rearing container seedlings. Pages 48-66 in R.M. Waldron ed. Proceedings of a workshop on container planting in Canada. Environ. Can., Can. For. Serv. Inf. Rep. DPC-X-2.
- _____. 1972. Copper toxicity in container seedlings grown in copper-bottomed flats. Environ. Can., Can. For. Serv. Bi-mon. Res. Notes 28(4):26.
- _____. 1972. Effects of stratification of Alberta white spruce and lodgepole pine seeds on emergence in operational seedbeds. Environ. Can., Can. For. Serv. Bi-mon. Res. Notes 28(4):26-27.
- _____. 1972. Nursery practices in cold storage of conifer seedlings in Canada and the United States: A survey. Tree Plant. Notes 23(2):26-29.
- _____. 1973. Air quality management for natural gas production in Alberta: background to the problem and an application of the Paretian decision model. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-69.

- Hocking, D. 1973. Some terms for symptoms on plants exposed to sulphur gases. Pages 103-105 in Hocking and Reiter, eds. Proceedings of a workshop on sulphur gas research in Alberta. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-72.
- 1974. Let's have a look at the woods and the trees: Trends to 2000 in demands on Canada's forested land. Sci. Council Can. Perspectives 6:41.
- 1975. Diseases of seedlings in storage and their control. Pages 114-115 in Forest Nursery Diseases in the United States. U.S. Dep. Agric. Handb. 470.
- Hocking, D. and F.D. Cook. 1972. Myxobacteria exert partial control of damping-off and root disease in container-grown tree seedlings. Can. J. Microbiol. 18:1557-1560.
- Hocking, D. and F. Endean. 1974. Performance after planting of four types of container-grown white spruce seedlings. Can. J. For. Res. 4:238-245.
- Hocking, D. and H.M. Etter. 1969. Rapid germinability test for white spruce. Can. J. Plant Sci. 49:527-528.
- Hocking, D. and S.G. Fushtey (Eds). 1971. Proceedings of the thirty-seventh session of the Canadian Phytopathological Society.
- Hocking, D. and D.L. Mitchell. 1973. The influences of comminution and compression of substratum peat on growth and drought tolerance of container seedlings of lodgepole pine. Can. J. For. Res. 3:342-345.
- 1975. The influences of rooting volume-seedling espacement and substratum density on greenhouse growth of lodgepole pine, white spruce and Douglas fir grown in extruded peat cylinders. Can. J. For. Res. 5:440-451.
- Hocking, D. and R.D. Nyland. 1971. Cold storage of coniferous seedlings: a review. Syracuse University, College of Forestry, Applied Forestry Research Institute. Res. Rep. No. 6.
- Hocking, D. and B. Ward. 1972. Late lifting and freezing in plastic bags to improve white spruce survival after overwinter storage. U.S. Dep. Agric., For. Serv. Tree Plant. Notes 23:22-26.

- Hopkins, J.C. 1957. Studies on the Atropellis canker disease of lodgepole pine in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Dep. Mimeo.
- _____. 1959. A spore trap of the vaseline slide type. Can. J. Bot. 37:1277-1278.
- _____. 1960. The locus of entry of the canker fungus Atropellis piniphila into lodgepole pine stems. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 16(2):3.
- _____. 1960. Standardization of color terminology. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 16(3):3.
- _____. 1961. Resistance in lodgepole pine to infection by Atropellis piniphila. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 17(6):2-3.
- _____. 1961. Studies of the culture of Atropellis piniphila. Can. J. Bot. 39:1521-1529.
- _____. 1962. Some factors responsible for high incidence levels of Atropellis piniphila. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 18(3):2-3.
- _____. 1963. Atropellis canker of lodgepole pine: etiology, symptoms, and canker development rates. Can. J. Bot. 41:1535-1545.
- Hord, H.H.V., H. Van Groenewould and C.G. Riley. 1957. Low temperature injury to roots of white elm. For. Chron. 33:156-163.
- Krebill, R.G. and Y. Hiratsuka. 1972. Nuclear condition and possible life cycle of Peridermium ephedrae. Southwest. Nat. 16:431-459.
- Kuijt, J. 1953. Larch mistletoe on lodgepole and western white pine. Can. Dep. Agric., Sci. Serv., For. Biol. Div., Bi-mon. Prog. Rep. 9(5):3.
- _____. 1954. Some notes on the larch mistletoe in British Columbia. Can. Dep. Agric., Sci. Serv., For. Biol. Div., Bi-mon. Prog. Rep. 10(6):2.
- _____. 1954. Dwarf mistletoe on Grand Fir. Can. Dep. Agric., Sci. Serv., For. Biol. Div., Bi-mon. Prog. Rep. 10(5):2.
- _____. 1955. Dwarf mistletoes. Bot. Rev. 21:569-627.

- Laut, J.G. 1966. Cultural characteristics of three species of Boletinus. Can. J. Bot. 44:395-402.
- _____. 1967. Eastern dwarf mistletoe on jack pine in Manitoba. Plant Dis. Rep. 51:899-900.
- _____. 1968. Some ecological considerations of dwarf mistletoe in Canada. Pages 70-73 in Proceedings of the 16th Western International Forest Disease Work Conference. Coeur D'Alene, Idaho, Oct. 28 - Nov. 1.
- Laut, J.G. and D.E. Etheridge. 1958. Fungi associated with living and dead branches of pole-sized aspen (Rocky Mountain) Region. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 14(4):2-3.
- Laut, J.G. and K.R. Elliott. 1966. Extensive hail damage in northern Manitoba. For. Chron. 42:198.
- Laut, J.G., N. Oshina and L.E. Dickens. 1969. The recurrence of dutch elm disease in Colorado. Plant Dis. Rep. 53:253.
- Laut, J.G. and B.C. Sutton. 1970. Graphium penicilliooides on american elm in Manitoba and Saskatchewan. Can. Dep. Fish. For. Bi-mon. Res. Notes 26(3):25-26.
- Laut, J.G., B.C. Sutton and J.J. Lawrence. 1966. Brown spot needle blight in Canada. Plant Dis. Rep. 50:208.
- Lawrence, J.J. and Y. Hiratsuka. 1972. Forest fungi collected in Banff National Park, Alberta. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-22.
- _____. 1972. Forest fungi collected in Jasper National Park, Alberta. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-21.
- _____. 1972. Forest fungi collected in Kootenay National Park, British Columbia. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-28.
- _____. 1972. Forest fungi collected in Waterton Lakes National Park, Alberta. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-20.
- _____. 1972. Forest fungi collected in Yoho National Park, British Columbia. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-27.

Loman, A.A. 1959. Deterioration by decay of lodgepole pine logging slash near Strachan, Alberta. Can. Dep. Agric., Res. Br., For. Biol. Div., Calgary. Mimeo.

- . 1959. The distribution of red stain in lodgepole pine of peeler quality. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 15(2):2-3.
- . 1962. The influence of temperature on the location and development of decay fungi in lodgepole pine logging slash. Can. J. Bot. 40:1545-1559.
- . 1963. Fungi inhabiting the bark and branches of living lodgepole pine in Alberta. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 19(3):3.
- . 1965. The lethal effect of periodic high temperatures on certain lodgepole pine slash decaying basidiomycetes. Can. J. Bot. 43:334-338.
- . 1968. The effect of some common heartwood inhabiting fungi of Pinus contorta var. latifolia on pinosylvin, pinosylvinmonomethyl ether, pinobanksin, and pinocembrin. Washington State Univ., Ph.D. Thesis.
- . 1969. The effect of some common heartwood inhabiting fungi of Pinus contorta var. latifolia on pinosylvin, pinosylvinmonomethyl ether, pinobanksin, and pinocembrin. Diss. Abstracts B. 3157-B.
- . 1970. Bioassays of fungi isolated from Pinus contorta var. latifolia with pinosylvin, pinosylvinmonomethyl ether, pinobanksin, and pinocembrin. Can. J. Bot. 48:1303-1308.
- . 1970. The effect of heartwood fungi of lodgepole pine on its phenolic heartwood extractives. Pages 39-43 in Interaction of organisms in the process of decay of forest trees. Univ. Laval, For. Res. Found. Bull. No. 33.
- . 1970. The effect of heartwood fungi of Pinus contorta var. latifolia on pinosylvin, pinosylvinmonomethyl ether, pinobanksin, and pinocembrin. Can. J. Bot. 48:737-747.
- . 1971. The effect of clearcutting on infection and development of disease in regeneration in Alberta. Pages 95-103 in Johnson et al. Some implications of large-scale clear-cutting in Alberta, a literature review. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-6.

- Loman, A.A. 1972. Infrared spectra of the ether extracts of cultures of some wood decay fungi. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-14.
- Loman, A.A., R.A. Blauel and D. Hocking. 1972. Sulfur dioxide and forest vegetation. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-49.
- Loman, A.A. and G.D. Paul. 1963. Decay of lodgepole pine in two foot-hills sections of the boreal forest in Alberta. For. Chron. 39:422-435.
- Mitchell, D.L., D. Hocking and W.C. Kay. 1972. Extruded peat cylinders: their physical characteristics as affecting tree seedling growth and greenhouse drought tolerance. Can. J. For. Res. 2:479-486.
- _____. 1972. Reforestation with tree seedlings grown in extruded peat cylinders. Part 1. The mechanical production process and initial rearing data. Trans. Am. Soc. Agric. Eng. 15:36-39.
- Morgan, G.A. and L.W. Carlson. 1968. Conifer seedling damping-off. In Fungicide-nematicide tests, results of 1967. Am. Phytopath. Soc. 23:114.
- Morgan, G.A., J.W. Hamm and L.W. Carlson. 1969. Colorado spruce damping-off. In Fungicide-nematicide tests, results of 1968. Am. Phytopath. Soc. 24:94-95.
- Morgan, G.A., M. Nyborg, W.B. McGill, L.W. Carlson and W.D. Holland. 1974. Methods of establishing plant growth after heavy oil spills. Pages 138-151 in Hocking and Macdonald, eds. Proceedings of a workshop on reclamation of disturbed lands in Alberta. Environ. Can., Can. For. Serv., North. For. Res. Cent. Inf. Rep. NOR-X-116.
- Muir, J.A. 1967. A bibliography of recent publications on the dwarf mistletoe Arceuthobium americanum. Can. Dep. For. Rural Dev., For. Res. Lab., Calgary, Alberta. Inf. Rep. A-X-13.
- _____. 1967. Occurrence of Colletotrichum gleosporides on dwarf mistletoe (Arceuthobium americanum). Plant Dis. Rep. 51:798-799.
- _____. 1970. Dwarf mistletoe spread in young lodgepole pine stands in relation to density of infection sources. Can. Fish. For., Can. For. Serv. Bi-mon. Res. Notes 26(5):49.
- _____. 1972. Increase of dwarf mistletoe infections on young lodgepole pine. Can. J. For. Res. 2:413-416.

- Muir, J.A. 1973. Cylindrocarpon gillii, a new combination for Septogloeum gillii on dwarf mistletoe. Can. J. Bot. 51:1997-1998.
- _____. 1973. Lodgepole pine dwarf mistletoe on Douglas-fir in Alberta. Environ. Can., Can. For. Serv. Bi-mon. Res. Notes 29(4):25-26.
- _____. 1974. Effects of moisture and other factors on penetration and infection by Scirrhia pini. Univ. California, Berkley. PhD. diss.
- _____. 1975. Photosynthesis by dwarf mistletoe seed. Environ. Can., Can. For. Serv. Bi-mon. Res. Notes 31(3):17.
- Muir, J.A. and J.K. Robins. 1973. Detection of dwarf mistletoe of jack pine on aerial photographs. Plant Dis. Rep. 57:951-954.
- Nighswander, J.E. 1962. High water table damage to jack pine in northeastern Alberta. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 18(2):3-4.
- Nobles, M.K. and V.J. Nordin. 1955. Studies of wood-inhabiting Hymenomycetes II. Corticium vellereum Ellis and Cragin. Can. J. Bot. 33:105-112.
- Nordin, V.J. 1952. Initial research program of the Laboratory of Forest Pathology, Calgary, Alta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 8(6):3.
- _____. 1953. A leaf spot disease of aspen. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(2):4.
- _____. 1954. Forest pathology in relation to the management of lodgepole pine in Alberta. For. Chron. 30:299-306.
- _____. 1956. An epidemic occurrence of needle rust of white spruce in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 12(1):3.
- _____. 1956. Heart rots in relation to the management of spruce in Alberta. For. Chron. 32:79-86.
- _____. 1956. Insects associated with fire-scarred lodgepole pine in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 12(6):3.
- _____. 1957. Diseases of lodgepole pine in Alberta. Can. Dep. Agric., For. Biol. Div., Calgary. Mimeo.
- _____. 1958. Basal fires scars and the occurrence of decay in lodgepole pine. For. Chron. 34:257-265.

- Nordin, V.J. 1962. Forest disease of lodgepole pine in Alberta. In L.A. Smithers, ed., *Lodgepole pine in Alberta*. Can. Dep. For. Bull. 127.
- Nordin, V.J., W. Blyth and B. Carmichael. 1954. "Dry Rot" of white spruce flooring. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 10(6):2.
- Nordin, V.J. and E.J. Carmichael. 1957. Red stain in lodgepole pine. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 13(1):3.
- Nordin, V.J., J.W.O. Heming and W. Blyth. 1955. Red stain and other decays of lodgepole pine in Alberta. Can. Dep. Agric., For. Biol. Div., Calgary. Mimeo.
- Nordin, V.J. and W. Sutton. 1953. Miscellaneous fungi in lodgepole pine in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(2):4.
- Nordin, V.J., W. Sutton and J.W. Heming. 1953. Red stain and decay of lodgepole pine in Alberta. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(3):4.
- Parmelee, J.A. and Y. Hiratsuka. 1970. Phaeoseptoria contortae sp. nov. on Pinus contorta from Alberta. Can. J. Bot. 48:1002-1004.
- Parmeter, J.R. Jr., H.S. Whitney and W.D. Platt. 1967. Affinities of some Rhizoctonia species that resemble mycelium of Thanatephorus cucumeris. Phytopathology 57:218-223.
- Paul, G. and D.E. Etheridge. 1958. Decay of aspen and balsam poplar in the Lesser Slave Lake region of Alberta. Alta. Dep. Lands For., For. Wildlife Div., Edmonton and Can. Dep. Agric., For. Biol. Div., Calgary. Mimeo.
- Powell, J.M. 1966. A white spored Peridermium stalactiforme in Alberta. Plant Dis. Rep. 50:144.
- _____. 1968. Natural infection of Scots pine by lodgepole pine dwarf mistletoe in Canada. Plant Dis. Rep. 52:409-410.
- _____. 1969. The aerobiology of the aecial state of the comandra blister rust, Cronartium comandrae Peck. in Alberta. Univ. British Columbia. Ph.D. Thesis.
- _____. 1970. The aerobiology of the aecial state of the comandra blister rust, Cronartium comandrae Peck. in Alberta. Diss. Abstr. B 30(9):3939-3940.

- Powell, J.M. 1970. Cronartium comandrae in Canada: its distribution and hosts. Can. Plant Dis. Surv. 50:130-135.
- _____. 1971. Additional records of Mycodiplosis larvae (Diptera: Cecidomyiidae) feeding on rust fungi. Can. Plant Dis. Surv. 51:86-87.
- _____. 1971. The arthropod fauna collected from the comandra blister rust, Cronartium comandrae, on lodgepole pine in Alberta. Can. Entomol. 103:908-918.
- _____. 1971. Daily germination of Cronartium comandrae aeciospores. Can. J. Bot. 49:2123-2127.
- _____. 1971. Fungi and bacteria associated with Cronartium comandrae on lodgepole pine in Alberta. Phytoprotection 52:45-51.
- _____. 1971. Incidence and effect of Tuberculina maxima on cankers of the pine stem rust, Cronartium comandrae. Phytoprotection 52:104-111.
- _____. 1971. Occurrence of Tuberculina maxima on pine stem rusts in western Canada. Can. Plant Dis. Surv. 51:83-85.
- _____. 1972. Additional collections of Tuberculina maxima on pine stem rusts in western Can. Plant. Dis. Surv. 52:139.
- _____. 1972. Insects collected from the toadflax Comandra umbellata spp. pallida (Santalaceae) infected by the rust Cronartium comandrae in southern Alberta. Can. Field-Nat. 86:81-83.
- _____. 1972. Seasonal and diurnal periodicity in the release of Cronartium comandrae aeciospores from stem cankers on lodgepole pine. Can. J. For. Res. 2:78-88.
- _____. 1973. Can we control comandra blister rust on pine with biological organisms? Second International Cong. Plant Pathology, Minneapolis, Minn. Abstracts of papers, No. 0233.
- _____. 1973. Comandra blister rust in Canada and our knowledge of the epiphytology of the fungus. Second International Cong. Plant Pathology, Minneapolis, Minn. Abstracts of papers, No. 0232.

- Powell, J.M. 1973. Stem rusts can cause serious damage to plantations. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. For. Rep. 3(2):5-6.
- _____. 1974. Environmental factors affecting germination of Cronartium comandrae aeciospores. Can. J. Bot. 52:659-667.
- _____. 1974. The role of natural biological agents in controlling a pine stem rust (Cronartium comandrae). Blue Jay 32(2):75-79.
- _____. 1975. Additional note on the incidence of Cronartium coleosporioides f. album on lodgepole pine. Plant Dis. Rep. 59:32-34.
- _____. 1975. Arthropod taxa common to Cronartium cankers and the forest litter layer. Environ. Can., Can. For. Serv., Bi-mon. Res. Notes 31(4):23.
- _____. 1975. Use of Gramoxone^R to control mosses and liverworts in greenhouse pots. Environ. Can., Can. For. Serv., Bi-mon. Res. Notes 31(5):35-36.
- Powell, J.M. and Y. Hiratsuka. 1969. Nuclear condition and germination characteristics of the aeciospores of Cronartium comandrae and E. comptoniae. Can. J. Bot. 47:1961-1963.
- _____. 1973. Serious damage caused by stalactiform blister rust and western gall rust to a lodgepole pine plantation in central Alberta. Can. Plant Dis. Surv. 53:67-71.
- Powell, J.M. and W. Morf. 1965. The occurrence of Tuberculina maxima Rost. on Cronartium rust-infected trees in Alberta. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 21(1):3.
- _____. 1966. Temperature and pH requirements for aeciospore germination of Peridermium stalactiforme and P. harknessii of the Cronartium coleosporioides complex. Can. J. Bot. 44:1597-1606.
- _____. 1967. A 24-hour impaction spore collector. Can. J. Plant Sci. 47:222-224.
- Powell, J.M. and L.S. Skaley. 1975. Arthropods from forest litter under lodgepole pine infected with comandra blister rust. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-130.

- Powell, J.M. and N.W. Wilkinson. 1973. Pinus mugo, a new host for comandra blister rust. Plant Dis. Rep. 57:283.
- Powell, J.M., H.R. Wong and J.C.E. Melvin. 1972. Arthropods collected from stem rust cankers of hard pines in western Canada. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-42.
- Reid, R.W. and D.M. Shrimpton. 1971. Resistant response of lodgepole pine to inoculation with Europhium clavigerum in different months and at different heights on stem. Can. J. Bot. 49:349-351.
- Reid, R.W., H.S. Whitney and J.A. Watson. 1967. Reactions of lodgepole pine to attack by Dendroctonus ponderosae Hopkins and blue stain fungi. Can. J. Bot. 45:1115-1126.
- Riley, C.G. 1951. Mistletoe of jack pine. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Misc. Publ. pp. 1-3.
- _____. 1951. Research Projects, Saskatoon Laboratory. Can. Dep. Agric., Sci. Serv., Div. For. Biol. Bi-mon. Prog. Rep. 7(5):2-3.
- _____. 1951. Trunk, butt and root rots of spruce in the prairie provinces. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 7(2):3.
- _____. 1952. Fomes igniarius decay of poplar. Can. J. Bot. 30:710-734.
- _____. 1952. Fomes igniarius decay of poplar. Pages 710-734 in Studies in forest pathology. Can. Dep. For., For. Entomol. Path. Br. Ottawa.
- _____. 1952. Tree disease in the City of Regina. Can. Dep. Agric., Sci Serv., For. Biol. Div. Bi-mon. Prog. Rep. 8(5):2.
- _____. 1952. Tree diseases in Saskatchewan and Manitoba. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Misc. Publ.
- _____. 1952. Studies in forest pathology. IX. Fomes igniarius decay of poplar. Can. J. Bot. 30:710-734.
- _____. 1953. Hail damage in forest stands. For. Chron. 29:139-143.

- Riley, C.G. 1953. Stereum pini incorrectly reported as cause of decay in lodgepole pine. For. Chron. 29:343.
- _____. 1955. Diseases of Saskatchewan forests. Pages 99-115 in Saskatchewan's Forests. Sask. Dep. Nat. Res. Misc. Publ.
- _____. 1962. Drought injury of trees. Saskatchewan Farm Sci. 9(3):3.
- _____. 1963. "Tree diseases" and "Wood rots, basement decay, and preservative treatment of fence posts". In Guide to Farm Practice in Saskatchewan. Univ. of Sask., Sask. Dep. Agric., and Can. Dep. Agric. Rev. ed.
- Robinson, R.C. 1961. Blue stain of bark-beetle-infested lodgepole pine. Can. Dep. Agric., For. Ent. Path. Br. Bi-mon. Prog. Rep. 17(1):3-4.
- _____. 1962. Blue stain fungi in lodgepole pine (Pinus contorta Dougl. var. latifolia Engelm.) infested by the mountain pine beetle (Dendroctonus monticolae Hopk.). Can. J. Bot. 40:609-614.
- Robinson, R.C. and G.D. Paul. 1961. Miscellaneous new records of fungi occurring on pine in Alberta. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 17(3):4.
- Robinson-Jeffrey, R.C. and R.W. Davidson. 1968. Three new Europhium species with Verticildiella imperfect states on blue-stained pine. Can. J. Bot. 46:1523-1527.
- Robinson-Jeffrey, R.C. and A.H.H. Grimchenko. 1964. A new fungus in the genus Ceratocystis occurring in blue-stained lodgepole pine attacked by bark beetles. Can. J. Bot. 42:527-532.
- Robinson-Jeffrey, R.C. and A.A. Loman. 1963. Fungi isolated in culture from red heartwood stain and advanced decay of lodgepole pine in Alberta. Can. J. Bot. 41:1371-1375.
- Saksena, H.K. 1961. Nuclear phenomena in the basidium of Ceratobasidium praticolum (Kotila) Olive. Can. J. Bot. 39:717-725.
- _____. 1961. Nuclear structure and division in the mycelium and basidiospores of Ceratobasidium praticolum. Can. J. Bot. 39:749-756.
- Saksena, H.K. and O. Vaartaja. 1961. Taxonomy, morphology, and pathogenicity of Rhizoctonia species from forest nurseries. Can. J. Bot. 39:627-647.

- Shrimpton, D.M. 1973. Age-and size-related response of lodgepole pine to inoculation with Europhium clavigerum. Can. J. Bot. 51:1155-1160.
- _____. 1973. Extractives associated with the wound response of lodgepole pine attacked by the mountain pine beetle and associated micro-organisms. Can. J. Bot. 51:527-534.
- Shrimpton, D.M. and J.A. Watson. 1971. Response of lodgepole pine seedlings to inoculation with Europhium clavigerum, a blue stain fungus. Can. J. Bot. 49:373-375.
- Shrimpton, D.M. and H.S. Whitney. 1968. Inhibition of growth of blue stain fungi by wood extractives. Can. J. Bot. 46:757-761.
- Sinha, R.N. and R.D. Whitney. 1969. Feeding and reproduction of the grain and mushroom mite on wood-inhabiting Hymenomycetes. J. Econ. Entomol. 62:837-840.
- Smith, G.J. 1971. Distribution of white pine blister rust in the Canadian Rocky Mountains. Environ. Can., Can. For. Serv., Bi-mon. Res. Notes 27(6):43.
- Stark, R.W. and R.J. Bourchier. 1956. Needle miner and needle cast in lodgepole pine. Can. Dep. Agric., Sci. Serv., For. Biol. Div., Bi-mon. Prog. Rep. 12(2):3-4.
- Steneker, G.A. and R.E. Wall. 1972. Wound healing and fungal colonization in stems of young trembling aspen after thinning and pruning. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-37.
- Stotzky, G., R.D. Joos, and M.I. Timonin. 1962. Microbial changes occurring in soil as a result of storage. Plant Soil 16:1-8.
- Sutton, B.C. 1965. Typification of Dendrophoma and a reassessment of D. obscurans. Trans. Br. Mycol. Soc. 48:611-616.
- _____. 1966. Development of fructifications in Colletotrichum graminicola (Ces.) Wils. and related species. Can. J. Bot. 44:887-897.
- _____. 1967. Libertina, a synonym of Phomopsis. Trans. Br. Mycol. Soc. 50:355-358.
- _____. 1967. A new species of Bactrodesmium from white spruce. Can. J. Bot. 45:1777-1781.

- Sutton, B.C. 1967. Redescription of Ajrekarella Kamat and Kalani. Mycopathol. Mycol. Appl. 33:76-80.
- _____. 1967. Two new genera of the Sphaeropsidales and their relationships with Diachorella, Strasseria and Plagiorhabdus. Can. J. Bot. 45:1249-1263.
- _____. 1968. The appressoria of Collectotrichum graminicola and C. falcatum. Can. J. Bot. 46:873-876.
- _____. 1968. Kellermania and its generic segregates. Can. J. Bot. 46:181-196.
- _____. 1968. Phomopsis schini (Carranza) comb. nov. Trans. Br. Mycol. Soc. 51:616-618.
- _____. 1968. Polynema, an earlier name for Neobarclaya. Mycologia 60:201-203.
- _____. 1969. Forest microfungi. I. Ampulliferina persimplex n. gen., n. sp. on leaves of labrador tea. Can. J. Bot. 47:609-616.
- _____. 1969. Forest microfungi. II. Additions to Acrodictys. Can. J. Bot. 47:853-858.
- _____. 1969. Forest microfungi. III. The heterogeneity of Pestalotia deNot. Section sexloculate Klebahn sensu Guba. Can. J. Bot. 47:2083-2094.
- _____. 1969. Forest pathogens in Saskatchewan. Pages 103-104 in Atlas of Saskatchewan. Dep. Geography, Univ. of Saskatchewan.
- _____. 1969. Libertina, a synonym of Phomopsis - nomenclatural correction. Trans. Br. Mycol. Soc. 52:509.
- _____. 1969. Minimidochium setosum n. gen., n. sp. and Dinemasporium aberrans n. sp. from West Africa. Can. J. Bot. 47:2095-2100.
- _____. 1969. Type studies of Coniella, Anthasthoopa and Cyclo-domella. Can. J. Bot. 47:603-608.
- _____. 1970. Forest microfungi. IV. A leaf spot of Populus caused by Cladosporium subsessile. Can. J. Bot. 48:471-477.

- Sutton, B.C. 1970. Glyphium leptothecium (Earle) comb. nov., G. schizosporum (Maire) Zogg, and their imperfect states. Trans. Br. Mycol. Soc. 54:255-264.
- _____. 1973. Hyphomycetes from Manitoba and Saskatchewan, Canada. Mycol. Pap., Commonw. Mycol. Inst. 132:1-146.
- Sutton, B.C. and R.L.C. Chao. 1970. Leptomelanconium. Trans. Br. Mycol. Soc. 55:37-44.
- Sutton, B.C. and T. Kobayashi. 1969. Strasseriopsis gen. nov., based on Phellostroma tsugae. Mycologia 61:1066-1071.
- Sutton, B.C. and J.G. Laut. 1970. Graphium penicillioides on American Elm in Manitoba and Saskatchewan. Can. Dep. Fish. For., For. Br. Bi-mon. Res. Notes 26(3):25-26.
- Sutton, B.C. and J.J. Lawrence. 1969. Black rib of willows in Manitoba and Saskatchewan. Plant Dis. Rep. 53:101-102.
- Sutton, B.C., J.J. Lawrence, and J.G. Laut. 1966. Brown spot needle blight in Canada. Plant Dis. Rep. 50:208.
- Sutton, B.C. and S.D. Patil. 1966. Mahabalella nov. gen., a new hyphomycete genus. Nova Hedwigia Z. Kryptogamenkde. 11:203-207.
- Sutton, B.C. and K.A. Pirozynski. 1965. Notes on microfungi. II. Trans. Br. Mycol. Soc. 48:349-366.
- _____. 1966. Phragmotrichum karstenii. Trans. Br. Mycol. Soc. 49:522.
- Sutton, B.C. and D.K. Sandhu. 1969. Electron microscopy of conidium development and secession in Cryptosporiopsis sp., Phoma fumosa, Melanconium bicolor and M. apiocarpum. Can. J. Bot. 47:745-749.
- _____. 1969. Pharagmotrichum pini (W.B. Cooke) comb. nov. Trans. Br. Mycol. Soc. 52:67-71.
- Sutton, B.C. and P.W. Seller. 1966. Toxosporiopsis n. gen., an unusual member of the Melanconiales. Can. J. Bot. 44:1505-1513.
- Taylor, R.H., R.D. Whitney and J.G. Palmer. 1968. Contamination and desiccation within a growth chamber. Dep. For. Rural Dev. Bi-mon. Res. Notes 24(2):18.

- Thomas, G.P. 1968. Decay as a limiting factor on poplar utilization.
In Growth and utilization of poplars in Canada. Can. Dep. For. Rural Dev., For. Br. Publ. 1205.
- Thomas, G.P., D.E. Etheridge and G. Paul. 1960. Fungi and decay in aspen and balsam poplar in the boreal forest region, Alberta. Can. J. Bot. 38:459-466.
- Thomas, R.W. 1954. Dwarf mistletoe on spruce. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 10(1):3.
- Timonin, M.I. 1962. Antifungal activity of pentatomid scent glands. Can. J. Microbiol. 8:594-595.
- _____. 1963. Chlorosis of white spruce seedlings in a Saskatchewan nursery. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 19(1):2.
- _____. 1964. Interaction of seed-coat microflora and soil microorganisms and its effect on pre-emergence and post-emergence of some conifer seedlings. Can. J. Microbiol. 10:17-22.
- _____. 1966. Effect of ultrasound on the germination of white spruce and jack pine seeds. Can. J. Bot. 44:113-115.
- Vaartaja, O. 1953. Disease caused by weak parasites associated with shade in seedbeds. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(2):3.
- _____. 1953. "Red patch" disease in seedbeds. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(4):3.
- _____. 1953. Seedling diseases of conifers in Saskatchewan. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(5):2.
- _____. 1954. Correction of chlorosis in spruce seedbeds. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 10(5):2.
- _____. 1954. Factors causing mortality of tree seeds and succulent seedlings. Acta For. Fenn. 62.
- _____. 1954. Microflora on the surface of seedlings as affected by Thiram. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 10(4):3.

- Vaartaja, O. 1954. Mineral deficiencies at Big River nursery. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 10(2):2.
- _____. 1954. Photoperiodic ecotypes of trees. Can. J. Bot. 32:392-399.
- _____. 1954. "Red-patch" disease and its control. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 10(3):3.
- _____. 1954. Review of chemical control of damping-off in forest nurseries. Can. Dep. Agric., Sci. Serv., For. Biol. Div., For. Path. Lab., Saskatoon, Sask. Misc. Publ.
- _____. 1954. Temperature and evaporation at the near ground level on certain forest sites. Can. J. Bot. 32:760-783.
- _____. 1955. Chemotherapeutic action of Dibenzothiophene against Rhizoctonia solani. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 11(4):2.
- _____. 1955. Damping-off pathogens on caragana. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 11(3):2.
- _____. 1955. Effect of cellulose pelleting on the germination of seed. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 11(2):2.
- _____. 1955. Effects of soil amendment, fertilizer, and fungicide on growth of seedlings. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 11(3):2.
- _____. 1955. Notes on damping-off in the prairie nurseries. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 11(6):2-3.
- _____. 1955. Phytophthora cactorum in Saskatchewan. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 11(2):2.
- _____. 1955. Storage moulding of maple seedlings. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 11(1):3.
- _____. 1956. Photoperiodic response in germination of seed of certain trees. Can. J. Bot. 34:377-388.
- _____. 1956. Principles and present status of chemical control of seedling diseases. For. Chron. 32:45-48.

- Vaartaja, O. 1956. Notes on low temperature fungi. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 12(4):3.
- _____. 1956. Screening fungicides for controlling damping-off of tree seedlings. Phytopathology 46:387-390.
- _____. 1957. Damping-off control by antibiotic plant substances. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 13(2):2.
- _____. 1957. Effects of Trichoderma on tree seedlings and on their pathogens. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 13(5):1.
- _____. 1957. Notes on damping-off in the prairie nurseries in 1956. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 13(1):3.
- _____. 1957. Partial breakage of dormancy in birch seeds by gibberellin. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 13(6):2.
- _____. 1957. Photoperiodic responses in seedlings of northern tree species. Can. J. Bot. 35:133.
- _____. 1957. The susceptibility of seedlings of various tree species to Phytophthora cactorum. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 13(2):2.
- _____. 1958. A screening test for soil sterilizers. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 14(6):2.
- _____. 1958. Treating seedbeds with the new sterilizer mylone. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 14(2):3.
- _____. 1958. Winter damage in a Saskatchewan nursery. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 14(5):2.
- _____. 1959. Evidence of photoperiodic ecotypes in trees. Ecol. Monogr. 29:91-111.
- _____. 1959. Photoperiodic response in germination of four species of Betula. Can. Dep. Agric., Res. Br., For. Biol. Div. Bi-mon. Prog. Rep. 15(3):2.
- _____. 1959. A screening test of fungicides not toxic to pines. Can. Dep. Agric., Res. Br., For. Biol. Div. Bi-mon. Prog. Rep. 15(2):2.

- Vaartaja, O. 1960. Ecotypic variation of photoperiodic response in trees especially in two Populus species. For. Sci. 6:200-206.
- _____. 1960. Effect of photoperiod on drought resistance of white spruce seedlings. Can. J. Bot 38:597-599.
- _____. 1960. Photoperiodic response in seedlings of five species of Betula and Pinus. Can. J. Bot. 38:807-813.
- _____. 1960. Photoperiodism in northern and southern sugar maple. Can. Dep. Agric., Res. Br., For. Biol. Div. Bi-mon. Prog. Rep. 16(2):2-3.
- _____. 1960. Selectivity of fungicidal materials in agar cultures. Phytopathology 50:870-873.
- _____. 1961. Demonstration of photoperiodic ecotypes in Liriodendron and Quercus. Can. J. Bot. 39:649-654.
- _____. 1961. Ecotypic variation of photoperiodic response in tree seedlings during their second season. Can. Dep. For., For. Ent. Path. Br. Bi-mon. Prog. Rep. 17(2):2.
- _____. 1961. Photoperiodic ecotypes in trees. Pages 1331-1334 in Recent advances in botany. Ninth International Congress. Univ. Toronto Press.
- _____. 1962. Ecotypic variation in photoperiodism of trees with special reference to Pinus resinosa and Thuja occidentalis. Can. J. Bot. 40:849-856.
- _____. 1962. Photoperiodism in Eucalyptus camaldulensis and E. globulus. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 18(4):2.
- _____. 1963. Germination of white spruce seed not affected by extreme pH. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 19(3):2-3.
- _____. 1964. Chemical treatment of seedbeds to control nursery diseases. Bot. Rev. 30:1-91.
- Vaartaja, O. and W.H. Cram. 1956. Damping-off pathogens of conifers and of caragana in Saskatchewan. Phytopathology 46:391-397.
- Vaartaja, O., W.H. Cram and G.A. Morgan. 1961. Damping-off etiology especially in forest nurseries. Phytopathology 51:35-42.

- Vaartaja, O. and J.K. Saksena. 1961. Photoperiodism in tropical trees. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 17(5):2.
- Vaartaja, O. and P.J. Salisbury. 1961. Potential pathogenicity of Pythium isolates from forest nurseries. Phytopathology 51:505-507.
- Vaartaja, O. and R.D. Whitney. 1956. Spread of "Red Patch" diseases. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 12(3):3.
- Vaartaja, O. and J. Wilner. 1956. Field tests with fungicides to control damping-off of Scots pine. Can. J. Agric. Sci. 36:14-18.
- Vaartaja, O., J. Wilner, W.H. Cram, P.J. Salisbury, A.W. Crookshanks and G.A. Morgan. 1964. Fungicide trials to control damping-off of conifers. Plant Dis. Rep. 48:12-15.
- Van Groenewould, H. 1953. Openings in white spruce stands at Candle Lake, Saskatchewan. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 9(3):3.
- _____. 1956. A root disease complex in Saskatchewan white spruce. For. Chron. 32:11-13.
- Van Groenewould, H. and R.D. Whitney. 1969. White spruce mortality in Saskatchewan and Manitoba. Pulp Pap. Mag. Can. 4:101-103.
- Wall, R.E. 1969. Distribution of Fomes igniarius in aspen stands as affected by clonal variation. Can. Dep. Fish. For., Can. For. Serv. Bi-mon. Res. Notes 25(1):5.
- _____. 1971. Variation in decay in aspen stands as affected by their clonal growth pattern. Can. J. For. Res. 1:141-146.
- Warren, G.L. and R.D. Whitney. 1951. Spruce rot borer (Hypomolyx sp.), root wounds, and root diseases of white spruce. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 7(4):2-3.
- Whitney, H.S. 1964. Physiological and cytological studies of basidio-spore repetition in Rhizoctonia solani Kuhn. Can. J. Bot. 42:1397-1404.
- _____. 1964. Sporulation of Thanatephorus cucumeris (Rhizoctonia solani) in the light and in the dark. Phytopathology 54:874-875.

- Whitney, H.S. 1971. Association of Dendroctonus ponderosae (Coleoptera: Scolytidae) with blue stain fungi and yeasts during brood development in lodgepole pine. Can. Entomol. 103:1495-1503.
- Whitney, H.S. and J.A. Baranyay. 1968. An undescribed gall midge leaf spot of balsam poplar. Phytopathology 58:262-263.
- Whitney, H.S. and R.A. Blauel. 1972. Ascospore dispersion in Ceratocystis spp. and Europhium clavigerum in conifer resin. Mycologia 64:410-414.
- Whitney, H.S. and F.W. Cobb, Jr. 1972. Non-staining fungi associated with the bark beetle Dendroctonus brevicomis (Coleoptera: Scolytidae) on Pinus ponderosa. Can. J. Bot. 50:1943-1945.
- Whitney, H.S. and S.H. Farris. 1970. Maxillary mycangium in the mountain pine beetle. Science 167:54-55.
- Whitney, H.S. and J.R. Parmeter. 1963. Synthesis of heterokaryons in Rhizoctonia solani Kuhn. Can. J. Bot. 41:879-886.
- _____. 1964. The perfect stage of Rhizoctonia hiemalis. Mycologia 56:114-118.
- Whitney, R.D. 1952. Relationship between entry of root-rotting fungi and root-wounding by Hypomolyx and other factors in white spruce. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 8(1):2.
- _____. 1952. Root diseases of balsam fir. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 8(5):2.
- _____. 1960. Stand-opening disease and the pathogenicity of Polyporus tomentosus Fr. on white spruce (Picea glauca (Moench) Voss). Queen's Univ., Kingston, Ont. Ph.D. Thesis.
- _____. 1961. Root wounds and associated root rots of white spruce. For. Chron. 37:401-411.
- _____. 1962. Polyporus tomentosus Fr. as a major factor in stand-opening disease of white spruce. Can. J. Bot. 40:1631-1658.
- _____. 1963. Artificial infection of small spruce roots with Polyporus tomentosus. Phytopathology 53:441-443.
- _____. 1963. White birch mortality at Candle Lake, Saskatchewan. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 19(1):3.

- Whitney, R.D. 1964. Hardwoods as inoculum carriers for Polyporus tomentosus inoculations. *Phytopathology* 54:1484-1485.
- _____. 1964. Inoculations of eight Saskatchewan trees with Polyporus tomentosus. *Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep.* 20(5):3.
- _____. 1965. Mycorrhiza-infection trials with Polyporus tomentosus var. circinatus on white spruce and red pine. *For. Sci.* 11:265-270.
- _____. 1966. Germination and inoculation tests with basidiospores of Polyporus tomentosus. *Can. J. Bot.* 44:1333-1343.
- _____. 1966. Susceptibility of white spruce to Polyporus tomentosus in healthy and diseased stands. *Can. J. Bot.* 44:1711-1716.
- _____. 1967. Comparative susceptibility of large and small spruce roots to Polyporus tomentosus. *Can. J. Bot.* 45:2227-2229.
- _____. 1971. Mycorrhiza studies in Manitoba and Saskatchewan. Pages 241-242 in *Proceedings, First North American Conference on Mycorrhizae*. U.S. Dep. Agric., For. Serv. Misc. Publ. 1189.
- _____. 1972. Root rot in white spruce planted in areas formerly heavily attacked by Polyporus tomentosus in Saskatchewan. *Environ. Can., Can. For. Serv. Bi-mon. Res. Notes* 28(4):24.
- _____. 1973. Root rot losses in upland spruce at Candle Lake, Saskatchewan. *For. Chron.* 49:176-179.
- Whitney, R.D. and J. Belcher. 1963. Viability of basidiospores of Polyporus tomentosus Fr. following storage. *Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep.* 19(5):2.
- Whitney, R.D. and W.B. Bohaychuk. 1969. Storage of Polyporus tomentosus sporophores. *Can. J. Bot.* 47:1489-1491.
- _____. 1971. Germination of Polyporus tomentosus basidiospores on extracts from diseased and healthy trees. *Can. J. Bot.* 49:699-703.
- Whitney, R.D., W.P. Bohaychuk and M.A. Briant. 1972. Mycorrhizae on jack pine seedlings in Saskatchewan and Manitoba. *Can. J. For. Res.* 2:228-235.

- Whitney, R.D. and W.B.G. Denyer. 1968. Rates of decay by Coniophora puteana and Polyporus tomentosus in living and dying white spruce. For. Sci. 14:122-126.
- . 1969. Resin as a barrier to infection of white spruce by heart rotting fungi. For. Sci. 15:266-267.
- . 1970. Inoculations with Stereum sanguinolentum and Fomes pini in black spruce and balsam fir. For. Sci. 16:160-164.
- Whitney, R.D. and J.G. Palmer. 1968. Contamination and desiccation within a growth chamber. Can. Dep. For. Rural Develop., For. Br. Bi-mon. Res. Notes 24(2):18.
- Whitney, R.D. and H. Van Groenewould. 1952. Openings in white spruce stands at Candle Lake, Saskatchewan. Can. Dep. Agric., Sci. Serv., For. Biol. Div. Bi-mon. Prog. Rep. 8(6):2.
- . 1964. The rate of advance of stand-opening disease over a ten-year period in white spruce at Candle Lake, Saskatchewan. For. Chron. 40:308-312.
- Wilner, J. and O. Vaartaja. 1958. Prevention of injury to tree seedlings during cellar storage. For. Chron. 34:132-138.
- Zalasky, H. 1962. Germination of Melampyrum lineare seed. Can. J. Bot. 40:1713-1714.
- . 1964. The histopathology of Macrophoma tumefaciens infections in black poplar. Can. J. Bot. 42:385-391.
- . 1964. Microconidial state of Cucurbitaria staphula Dearness ex R.H. Arnold and R.C. Russell. Can. J. Bot. 42:1586-1588.
- . 1964. Nomenclature and description of Diplodia tumefaciens (Shears) = Macrophoma tumefaciens Shear and Hubert. Can. J. Bot. 42:1049-1055.
- . 1965. Additional hosts of Diplodia tumefaciens (Shear) Zalasky (Macrophoma tumefaciens Shear). Plant Dis. Rep. 49(1):50.
- . 1965. Morphology of Ceratocystis fimbriata in aspen. Can. J. Bot. 43:625-626.
- . 1965. Process of Ceratocystis fimbriata infection in aspen. Can. J. Bot. 43:1157-1162.

- Zalasky, H. 1968. Penetration and initial establishment of Nectria galligena in aspen and peachleaf willow. Can. J. Bot. 46:57-60.
- _____. 1968. RhytidIELLA moriformis n. gen., n. sp. causing rough-bark of Populus balsamifera. Can. J. Bot. 46:1383-1387.
- _____. 1970. Disease problems of poplar in the western interior of Canada. Can. Dep. Fish. For., For. Br., For. Res. Lab., Edmonton, Alberta. Inf. Rep. A-X-39.
- _____. 1971. Poplar diseases in shelterbelts, parks and nurseries. In Environ. Can., Can. For. Serv., North. For. Res. Cent. For. Rep. 1(4):4.
- _____. 1972. Isolation and characteristics of sclereid-like cells in sapwood of Pinus and Populus. Environ. Can., Can. For. Serv., North. For. Res. Cent., Edmonton, Alberta. Inf. Rep. NOR-X-48.
- _____. 1973. Brachiate tracheids in deformed wood of Abies. Environ. Can., For. Serv. Bi-mon. Res. Notes 29(4):23.
- _____. 1973. Septoria canker and leaf spot. In Environ. Can., Can. For. Serv., North. For. Res. Cent. For. Rep. 3(2):3-4.
- _____. 1974. Defects in poplar. In Environ. Can., Can. For. Serv., North. For. Res. Cent. For. Rep. 4(1):5.
- _____. 1974. Keissleriella emergens, a perfect state of Diplodia tumefaciens in roots of poplars. Can. J. Bot. 52:11-13.
- _____. 1975. Cell deformities in bark and sapwood caused by RhytidIELLA moriformis and Keissleriella emergens infections in poplar. Can. J. Bot. 53:780-783.
- _____. 1975. Chimeras, hyperplasia, and hypoplasia in frost burls induced by low temperature. Can. J. Bot. 53:1888-1898.
- _____. 1975. Low-temperature-induced cankers and burls in test conifers and hardwoods. Can. J. Bot. 53:2526-2535.
- Zalasky, H. and O.K. Fenn. 1965. Inoculation tests with Diplodia tumefaciens (Shear) Zalasky. Can. Dep. For., For. Entomol. Path. Br. Bi-mon. Prog. Rep. 21(6):3.
- Zalasky, H., O.K. Fenn and C.H. Lindquist. 1968. Reaction of poplars to infection by Septoria musiva and Diplodia tumefaciens and to injury by frost in Manitoba and Saskatchewan. Plant Dis. Rep. 52:829-833.

Zalasky, H. and B.H. MacNeill. 1957. Histological study of host parasite relationships between Septoria glycines Hemmi and soybean leaves and pods. Can. J. Bot. 35:501-505.

Zalasky, H., A. Nawawi, W.P. Ting and L.H. Tai. 1971. Dolabra nepheliae and its imperfect state associated with canker of Nephelium lappaceum and N. mutabile. Can. J. Bot. 49:559-561.

Zalasky, H. and C.G. Riley. 1963. Infection tests with two caulinicolous rusts on jack pine in Saskatchewan. Can. J. Bot. 41:459-465.