

PUBLICATIONS¹

- Anderson, Hal E., Arthur P. Brackebusch, Robert W. Mutch, and Richard C. Rothermel.
1966. Mechanisms of fire spread research, progress report No.2. USDA For. Servo Res. Pap. INT-28, 29 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Barnes, Burton V., and R. T. Bingham.
1962. Juvenile performance of hybrids between western and eastern white pine. USDA For. Serv., Intermt. For. and Range Exp. Stn. Res. Note 104, 4 p., Ogden, Utah.
- Barney, Richard J.
1964. Fuel moisture--a guide for evaluating severity of fire seasons. USDA For. Servo Res. Note INT-13, 8 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Barney, Richard J., and William C. Fischer.
1967. Pocket calculator for local fire-danger ratings. USDA For. Serv., Intermt. For. and Range Exp. Stn., 8 p. (unnumbered).
- Barrows, J. S.
1951. Fire behavior in northern Rocky Mountain forests. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Pap. 29, 103 p.
- Barrows, J. S.
1954. Lightning fire research in the Rocky Mountains. J. For. 52(11):845-847.
- Belt, G. H., J. G. King, and H. F. Haupt.
1975. Streamflow modification by a silicone antitranspirant. p. 201-206. Proc. Symp. on Watershed Manage., Am. Soc. Civ. Eng. [Logan, Utah, Aug. 11-13, 1975.]
- Boyd, R. J.
1959. Cleaning to favor western white pine--its effects upon composition, growth, and potential values. J. For. 57(5):333-336.
- Boyd, R. J.
1958. Silvics of western redcedar. USDA For. Serv., Intermt. For. and Range Exp. Stn. Misc. Publ. 20, 17 p. Ogden, Utah.
- Brackebusch, A. P.
1960. The significance of Priest River slash research findings to the land manager. p. 4-6. West. For. Conserv. Assoc., West. For. Fire Res. Council. Proc.
- Brackebusch, Arthur P.
1975. Gain and loss of moisture in large forest fuels. USDA For. Serv. Res. Pap. INT-173, 50 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.

¹Compiled by David Gruenhagen, Glenn Deitschman, and Charles A. Wellner. Most of the references are based wholly or in part on research on the Priest River Experimental Forest or nearby areas. Exceptions are some publications by early workers who lived or did most of their research at Priest River, and those by Wahlenberg and others at Savenac Nursery because the work there was for many years supervised by Directors of the Priest River Station.

- Breuer, Erwin H.
1965. Thermocouples for forest fire research. USDA For. Servo Res. Note INT-31, 7 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Brewster, D. R.
1918. Relation between height growth of larch seedlings and weather conditions. J. For. 16(8):861-870.
- Brewster, D. R., and J. A. Larsen.
1925. Girdling as a means of removing undesirable tree species from the western white pine type. J. Agric. Res. 31(3):267.
- Brewster, D. R., and J. A. Larsen.
1925. Studies in western yellow pine nursery practice. J. Agric. Res. 31(12):1101-1120.
- Buchanan, T. S., G. M. Harvey, and D. S. Welch.
1951. Pole blight of western white pine: A numerical evaluation of the symptom. Phytopathology 41:199-208.
- Callaham, Robert Z.
1962. Geographic variability in growth of forest trees. p. 311-325. In Tree growth. Theodore T. Kozlowski, ed. Ronald Press, New York.
- Canfield, E. R.
1969. Ecology as a means of cull estimation in standing western redcedar. Ph.D. Thesis, Univ. Idaho.
- Carpenter, Stanley B.
1961. The Weidman Arboretum. Priest River Experimental Forest 1931-1961. 9 p. Paper presented at Northwest Sci. Ann. Meet. [Dec. 27-28, 1961].
- Cline, R. G., and B. L. Jeffers.
1975. Installation of neutron probe access tubes in stony and bouldery forest soils. Soil Sci. 120:71-72.
- Colson, DeVer.
1957. Thunderstorm analysis in the northern Rocky Mountains. USDA For. Serv., Intermt. For. and Range Exp. Stn. Res. Pap. 49, 32 p. Ogden, Utah.
- Copeland, Otis L., Jr.
1958. Soil-site index studies of western white pine in the northern Rocky Mountain region. Soil Sci. Soc. Am. Proc. 22:268-269.
- Copeland, Otis L., Jr.
1956. Preliminary soil-site studies in the western white pine type. USDA For. Serv., Intermt. For. and Range Exp. Stn. Res. Note 33, 4 p. Ogden, Utah.
- Copeland, Otis L., Jr.
1957. Ecological consideration of the pole blight disease. p. 49-55. Fourth Int. West. Dis. Work Conf. Proc.
- Copeland, Otis L., Jr., and Charles D. Leaphart.
1955. Preliminary report on soil-rootlet relationships to pole blight of western white pine. USDA For. Serv., Intermt. For. and Range Exp. Stn. Res. Note 22, 6 p. Ogden, Utah.

- Daubenmire, R. F.
1950. A comparison of season of cambial growth in different geographic races of Pinus ponderosa. Bot. Gaz. 112:182-188.
- Daubenmire, R.
1957. Injury to plants from rapidly dropping temperature in Washington and northern Idaho. J. For. 55(8):581-585.
- Daubenmire, R.
1968. Vascular plants of the Priest River Experimental Forest. 10 p.. unpubl. file rep.
- Daubenmire, Rexford F., and Jean B. Daubenmire.
1968. Forest vegetation of eastern Washington and northern Idaho. Wash. Agric. Exp. Stn. Tech. Bull. 60, 104 p.
- Daubenmire, R., and A. W. Slipp.
1943. Plant succession on talus slopes in northern Idaho as influenced by slope exposure. Torrey Bot. Club N.Y. Bull. 70:473-480.
- Davis, Kenneth P.
1936. Stand improvement measures for the western white pine type. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. mimeo rep., 62 p.
- Davis, Kenneth P.
1938. Weedings and thinnings in the western white pine forests. South. Idaho For. 2 (2) : 28-31.
- Davis, Kenneth P.
1940. Economic aspects of managing western white pine forests. Northwest Sci. 14(2):26-32.
- Davis, Kenneth P.
1942. Economic management of western white pine forests. U.S. Dep. Agric. Tech. Bull. 830. 77 p.
- Davis, Kenneth P., and Karl A. Klehm.
1939. Controlled burning in the western white pine type. J. For. 37(5): 399-407.
- Davis, Kenneth P., and Virgil D. Moss.
1940. Blister rust control in the management of western white pine. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Pap. 3. 34 p.
- Doty, Robert D.
1961. 50-year summary (1912-1961) climatological data, Priest River Experimental Forest. USDA For. Serv., Intermt. For. and Range Exp. Stn., Office Rep., 16 p. Ogden, Utah.
- Doty, Robert D., and Glenn H. Deitschman.
1966. Snow loads on roofs in areas of heavy snowfall. USDA For. Serv. Res. Note INT-43, 4 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Ehrlich, John, and Loren K. Baker.
1942. Preliminary study of dying of young white pine on Coeur d'Alene and Kaniksu Forests. Spec. Rep., Univ. Idaho Sch. For., 50 p.

- Fahnestock, George R.
1951. Correction of burning index for the effects of altitude, aspect, and time of day. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 100, 4 p.
- Fahnestock, George R.
1953. Inflammability of the current year's logging slash. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 120, 10 p.
- Fahnestock, George R.
1953. Chipping takes the hazard out of logging slash. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 125, 5 p.
- Fahnestock, George R.
1953. Relative humidity and fire behavior in logging slash. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 126, 5 p.
- Fahnestock, George R.
1954. Cooperative logging slash research in the northern Rocky Mountains. Soc. Am. For. Proc. 1954:169-170.
- Fahnestock, George R.
1954. Roofing slash fires can save--or lose--you dollars. Fire Control Notes 15(3):22-26.
- Fahnestock, George R.
1960. Logging slash flammability. USDA For. Serv., Intermt. For. and Range Exp. Stn. Res. Pap. 58, 70 p. Ogden, Utah.
- Fahnestock, George R., and John H. Dieterich.
1962. Logging slash flammability after five years. USDA For. Serv., Intermt. For. and Range Exp. Stn. Res. Pap. 70, 15 p. Ogden, Utah.
- Ferrell, W. K.
1951. Preliminary report on some forest soils of the western white pine region of Idaho. Northwest Sci. 25:113-120.
- Ferrell, William K.
1955. The relationship of pole blight of western white pine to edaphic and other site factors. Univ. Idaho For., Wildlife, and Range Exp. Stn. Res. Note 13, 7 p.
- Fisher, George M.
1935. Comparative germination of tree species on various kinds of surface soil material in the western white pine type. Ecology 16(4):606-611.
- Fitzgerald, O. A.
1951. Plague in the big pines. Popular Mech. 95(4):140-142,244-246.
- Fitzgerald, O. A.
1958. A man and his monument. Steelways 14 (4): 24.
- Foiles, Marvin W.
1955. Thinning from below in a 60-year-old western white pine stand. USDA For. Serv., Intermt. For. and Range Exp. Stn. Res. Note 19, 6 p.- Ogden, Utah.

- Foiles, Marvin W.
1956. Effects of thinning a 55-year-old western white pine stand. J. For. 54(2):130-132.
- Foiles, Marvin W.
1959. Silvics of grand fir. USDA For. Serv., Intermt. For. and Range Exp. Stn. Misc. Publ. 21, 12 p. Ogden, Utah.
- Gilbertson, R. L., C. D. Leaphart, and F. D. Johnson.
1961. Field identification of roots of conifers in the Inland Empire. For. Sci. 7:352-356.
- Gill, Lake S., Charles D. Leaphart, and Stuart R. Andrews.
1951. Preliminary results of inoculations with a species of Leptographium on western white pine. USDA, B.P.I.S.A.E., Div. For. Pathol., For. Pathol. Spec. Release 35, 14 p.
- Gisborne, H. T.
1922. Weather records applied to the fire problem. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Appl. For. Note 34, 4 p.
- Gisborne, H. T.
1923. A million dollars a year for smoke. The Timberman 24(7):33-34.
- Gisborne, H. T.
1924. Moisture content of fuels as an index of fire danger. Lumber World Rev. 45:44.
- Gisborne, H. T.
1925. The effect of weather on the inflammability of forest fire fuels. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Appl. For. Note 58, 3 p.
- Gisborne, H. T.
1925. Using weather forecasts for predicting forest-fire danger. Mon. Weather Rev. 53:58-60.
- Gisborne, H. T.
1926. More forest inventions. Am. For. and For. Life 32(390):345.
- Gisborne, H. T.
1926. Forest fire--a mother of invention. Am. For. and For. Life 32(389):265.
- Gisborne, H. T.
1926. Meteorology and forest fire prevention. p. 29 Univ. Mont., For. Kaimin.
- Gisborne, H. T.
1926. Lightning and forest fires in the northern Rocky Mountain region. Mon. Weather Rev. 54(7):281-286.
- Gisborne, H. T.
1926. The trend of forest fire research in northern Idaho. Idaho For. 8:16.
- Gisborne, H. T.
1927. The objectives of forest fire--weather research. J. For. 25(4):452-456.

- Gisborne, H. T.
1927. Meteorological factors in the Quartz Creek forest fire. Mon. Weather Rev. 55(2):1-4.
- Gisborne, H. T.
1928. Measuring forest-fire danger in northern Idaho. U.S. Dep. Agric. Misc. Pub1. 29, 64 p. Washington, D.C.
- Gisborne, H. T.
1929. The complicated controls of fire danger. J. For. 27(3):311-312.
- Gisborne, H. T.
1929. A forest fire explosion. The Frontier 10(1):13-16.
- Gisborne, H. T.
1929. Brush disposal. The Timberman 30(3):194.
- Gisborne, H. T.
1930. Forest-fire research. Sci. Mon. 31:76-80.
- Gisborne, H. T.
1931. Phases of fire problem. Am. Lumberman.
- Gisborne, H. T.
1931. The scheme of forest fire control. J. For. 29(7):1077-1079.
- Gisborne, H. T.
1931. Lightning on the lookouts. Am. For. 37(9):515-518,574-575. Republ. in: Readers Digest, p. 559-561, Oct. 1931; Rangers of the Shield, Am. For. Assoc., p. 161-172, 1934.
- Gisborne, H. T.
1931. A five-year record of lightning storms and forest fires. Mon. Weather Rev. 59(4):139-150.
- Gisborne, H. T.
1933. Lightning and forest fires. Pulp and Paper of Can. 34(6):327-329.
- Gisborne, H. T.
1933. Deadwood lying on duff drier than in air. J. For. 31(8):~79-980.
- Gisborne, H. T.
1933. Progress in forest fire research. Northwest Sci. 7(3):71-76.
- Gisborne, H. T.
1933. The wood cylinder method of measuring forest inflammability. J. For. 31(6):683-689.
- Gisborne, H. T.
1934. Woodlands cut by the "selection method" less liable to fire damage. U.S. Dep. Agric. Yearb. 1934, p. 376-378. Washington, D.C.
- Gisborne, H. T.
1934. Paired minimum temperatures as indices of fair or foul weather. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. App1. For. Note 65, 2 p.

- Gisborne, H. T.
1934. Measuring forest fire danger. Q. Nat. For. Protect. Assoc. (April).
- Gisborne, H. T.
1935. The rating of forest fire danger. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Appl. For. Note 67, 3 p.
- Gisborne, H. T.
1935. The character of the 1935 fire season in Region One. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Appl. For. Note 73, 4 p.
- Gisborne, H. T.
1935. Where is the forest meteorologist? Mich. For. 26.
- Gisborne, H. T.
1936. Measuring fire weather and forest inflammability. U.S. Dep. Agric. Circ. 398, 59 p. Washington, D.C.
- Gisborne, H. T.
1936. The principles of measuring forest fire danger. J. For. 34(8):786-793.
- Gisborne, H. T.
1938. Determination of normal fire danger. The Ames For. 29:27-31.
- Gisborne, H. T.
1939. Forest pyrology. Sci. Mon. 49:21-30.
- Gisborne, H. T.
1939. Hornby's principles of fire control planning. J. For. 37(4):292-296.
- Gisborne, H. T.
1941. How the wind blows in the forest of northern Idaho. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn., 14 p.
- Gisborne, H. T.
1941. The new trend in fire control. Mich. For., p. 16-18,57.
- Gisborne, H. T.
1942. Mileposts of progress in fire control and fire research. J. For. 40(8): 597-606.
- Gisborne, H. T.
1944. Slash burns well at B.I. 10 to 20. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 35, 2 p.
- Gisborne, H. T.
1945. Critical fire season indicated for 1945 in the northern Rocky Mountain region. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 36, 4 p.
- Gisborne, H. T.
1948. Fundamentals of fire behavior. Fire Control Notes 9:13-24.
- Gisborne, H. T.
1948. Calculating precipitation probabilities. The Timberman 49 (1-0).

- Gisborne, H. T.
1948. Dry ice to make rain and stop lightning. 39th Annu. Meet., West. For. and Conserve Assoc. Proc.
- Gisborne, H. T.
1950. Tests show cigar and cigarette stubs come down hot. Fire Control Notes 11(2):28-29.
- Graham, Donald P.
1955. Distribution of pole blight of western white pine. USDA For. Serv., Intermt. For. and Range Exp. Stn. Res. Note 15, 3 p. Ogden, Utah.
- Graham, Donald P.
1958. Results of some silvicultural tests in pole blight diseased white pine stands. J. For. 56(4):284-287.
- Graham, Donald P.
1959. Pole blight threatens western white pine. West. Conserve J. 16(1):16, 60,70.
- Haig, I. T.
1929. Accuracy of quadrat sampling in studying forest reproduction on cut-over areas. Ecology 10(4):374-381.
- Haig, I. T.
1930. A quarter century of silviculture in the western white pine type. p. 36-41. Univ. Mont., For. Kaimin.
- Haig, I. T.
1931. Stand tables for second growth western white pine. Northwest Sci. 5(4): 94-98.
- Haig, I. T.
1932. Comparative timber yields. J. For. 30(5):575-578.
- Haig, I. T.
1932. Second-growth yield, stand, and volume tables for the western white pine type. U.S. Dep. Agric. Tech. Bull. 323, 67 p. Washington, D.C.
- Haig, I. T.
1932. Premature germination of forest tree seed during natural storage in duff. Ecology 8(3):311-312.
- Haig, I. T.
1933. Treatment of understory hemlock in the western white pine type. J. For. 31(5):578-583.
- Haig, I. T.
1936. Factors controlling initial establishment of western white pine and associated species. Yale Univ. Sch. For. Bull. 41, 149 p. + plates.
- Haig, I. T., K. P. Davis, and R. H. Weidman.
1941. Natural regeneration in the western white pine type. U.S. Dep. Agric. Tech. Bull. 767, 99 p. Washington, D.C.
- Hanover, James W.
1963. Geographic variation in ponderosa pine leader growth. For. Sci. 9:86-95, illus.

- Hardy, Charles E.
1935. Half-inch fuel moisture sticks--how they are made. Fire Control Notes (Oct.)
- Hardy, Charles E.
1954. Sticks measure fire danger. West. Conserv. J. 11(1):16-17, 28-30.
- Hardy, Charles E., Charles E. Syverson, and John H. Dieterich.
1955. Fire weather and fire danger station handbook. USDA For. Serv., Intermt. For. and Range Exp. Stn. Misc. Publ. 3, 84 p. Ogden, Utah.
- Harrison, Kenneth, and Alexander H. Smith.
1968. A preliminary study of Clavariadelphus in North America. Mich. Bot. 7:35-57.
- Haupt, Harold F.
1967. Snowpack outflow as measured by lysimeter-type gages. USDA For. Serv., Intermt. For. and Range Exp. Stn. Pro gr. Rep. (unpubl.). Ogden, Utah.
- Haupt, Harold F.
1968. The generation of spring peak flows by short-term meteorological events. Int. Assoc. Sci. Hydrol. Bull. 13(4-12):65-76.
- Haupt, Harold F.
1969. A simple snowmelt lysimeter. Water Resour. Res. 5(3):714-718.
- Haupt, Harold F.
1969. Research concerning management of snow for water yields in the northern Rocky Mountains. Proc. Int. Hydrol. Decade Workshop on Snow and Ice Hydrol. [Fort Collins, Colo., Aug. 18-22, 1969.]
- Haupt, Harold F.
1970. A 2-year evaluation of the snowmelt lysimeter. West. Snow Conf. Proc. 1969:97-101.
- Haupt, Harold F.
1972. The release of water from forest snowpacks during winter. USDA For. Servo Res. Pap. INT-114, 17 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Haupt, Harold F.
1972. Improved instrumentation for measuring melted precipitation on windswept topography. p. 75-85. In Distribution of Precipitation in Mountainous Areas, Geilo Symposium, Norway, Vol. II.
- Haupt, H. F.
1972. Relation of wind exposure and forest cutting to changes in snow accumulation. 10 p. Proc., Int. Symp. on the Role of Snow and Ice in Hydrology [Banff, Alberta, Can.]
- Haupt, Harold F., and Bud L. Jeffers.
1967. A system for automatically recording weight changes in sapling trees. USDA For. Servo Res. Note INT-71, 4 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Hayes, G. L.
1935. Don't let a "normal" deceive you. USDA For. Serv., Servo Bull. 19(17):4. Washington, D.C.

- Hayes, G. L.
1937. Variations of some fire danger factors with altitude, aspect, and time of day. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Appl. For. Note 80, 8 p.
- Hayes, G. Lloyd.
1941. Influence of altitude and aspect on daily variations in factors of forest fire danger. U.S. Dep. Agric. Circ. 591, 39 p. Washington, D.C.
- Hayes, G. L.
1942. Reliability of the Forest Service type rain gage. Mon. Weather Rev. 70:267-268.
- Hayes, G. 1.
1942. A discussion of hygrographs. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 25, 6 p.
- Hayes, G. L.
1942. Differences in fire danger with altitude, aspect, and time of day. J. For. 40(4):318-323.
- Hayes, G. Lloyd.
1944. Where and when to measure forest fire danger. J. For. 42(10):744-751.
- Hayes, G. Lloyd.
1944. A method of measuring rainfall on windy slopes. Mon. Wea. Rev. 72(5): 111-114.
- Helmert, Austin E.
1946. Pruning wound healing on western white and ponderosa pines. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 45, 6 p.
- Helmert, Austin E.
1946. Effect of pruning on growth of western white pine. J. For. 44(9):673-676.
- Helmert, Austin E.
1946. How heavily should western white pine be pruned? USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 41, 5 p.
- Helmert, Austin E.
1952. Precipitation measurements on wind-swept slopes. Northwest Sci. 26(2): 65-68.
- Helmert, Austin E.
1954. Precipitation measurements on wind-swept slopes. Trans. Am. Geophys. Union 35(3):471-474.
- Hicks, Clifford B.
1949. Weather a la Carte. Popular Mech. 92(4):167-172.
- Hoffman, G. R.
1966. An ecological study of epiphytic bryophytes and lichens on Pseudotsuga menziesii in the Pacific Northwest. Univ. S.D., unpubl. ms.
- Hornby, 1. G.
1935. Fuel type mapping in Region One. J. For. 33(1):67-72.

- Hornby, L. G.
1936. Fuel type mapping - its relation to forest fire control planning. Northwest Sci. 10(3):3-7.
- Hornby, L. G.
1936. Fire control planning in the Northern Rocky Mountain region. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Progr. Rep.
- Huberman, M. A.
1935. The role of western white pine in forest succession in northern Idaho. Ecology 16(2):137-151.
- Hungerford, K. E.
1951. The ecology and management of the Idaho ruffed grouse (Bonasa umbellus phaia). Ph.D. Thesis, Univ. Mich.
- Hungerford, Kenneth E.
1957. A portable instrument shelter for ecological studies. Ecology 38(1):150-151.
- Hungerford, K. E.
1958. Evaluating ruffed grouse foods for habitat improvement. Trans. North Am. Wildlife Conf. 22(1957):380-395.
- Jemison, George M.
1932. Man-power placement and facilities for fire control. J. For. 30:626-627.
- Jemison, George M.
1932. Meteorological conditions affecting the Freeman Lake (Idaho) fire. Mon Weather Rev. 60(1):1-2.
- Jemison, G. M.
1932. Climatological summary for the Priest River Forest Experiment Station, 1912-1931, inclusive. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. publ., 27 p.
- Jemison, George M.
1932. Drought not yet broken. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Appl. For. Note 62, 2 p.
- Jemison, G. M.
1934. Beaufort scale of wind force as adapted for use on forested areas of the northern Rocky Mountains. J. Agric. Res. 49:77-82.
- Jemison, G. M.
1934. The significance of the effect of stand density upon the weather beneath the canopy. J. For. 32(4):446-451.
- Jemison, George M.
1935. Influence of weather factors on moisture content of light fuels in forests of the northern Rocky Mountains. J. Agric. Res. 51(10):885-906.
- Jemison, George M.
1936. The effect of low vegetation on the rate of spread of fire in the northern Rocky Mountain region. Thesis, Yale Univ. 80 p.
- Jemison, George M.
1937. Loss of weight of wood due to weathering. J. For. 35(5):460-462.

- Kachin, T., and H. T. Gisborne.
1937. The technique of duff hygrometer calibration. J. For. 35(8):736-743.
- Kempff, Gerhard.
1923. Some results of winter slash disposal. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. App1. For. Note 41, 3 p.
- Kempff, Gerhard.
1924. Some results of winter slash disposal. The Timberman 25(10):146; Pulp & Paper Mag. of Can. 22(4):1026-1027.
- Kempff, Gerhard.
1928. Nonindigenous western yellow pine plantations in northern Idaho. Northwest Sci. 2(2):54-58.
- Lapham, M. H., and F. C. Youngs.
1925. Soil survey of the Priest River Experiment Station. USDA Bureau of Soils, unpub1. file rep., Nov. 17, 1925, 10 p.
- Larsen, J. A.
1916. Silvicultural notes on western larch. Proc. Soc. Am. For. 11(4):434-440.
- Larsen, J. A.
1916. Seed testing with the Jacobsen germinating apparatus at the Danish seed control station. For. Q. 14(2):272-276.
- Larsen, J. A.
1918. Growth of western white pine and associated species in northern Idaho. J. For. 16(7):839-840.
- Larsen, J. A.
1918. Comparison of seed testing in sand and in the Jacobsen germinator. For. 16(6):690-695.
- Larsen, J. A.
1921. Wind and its relation to forest fires. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. App1. For. Note 7, 5 p.
- Larsen, J. A.
1921. Sunshine and air temperature in relation to forest fires. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. App1. For. Note 9, 6 p.
- Larsen, J. A.
1921. Relative humidity of the atmosphere and its relation to the fire problem. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. App1. For. Note 6, 1 p.
- Larsen, J. A.
1922. Effect of removal of the virgin white pine stand upon the physical factors of site. Ecology 3(4):302-305.
- Larsen, J. A.
1922. Some characteristics of seeds of coniferous trees from the Pacific Northwest. Nat. Nurseryman 30(9):146-149.
- Larsen, J. A.
1922. Why hardwoods do not grow naturally in the west. Idaho For. 4:28-32; Mon. Weather Rev. 52(4):218.

- Larsen, J. A.
1922. Weather records at lookout stations in northern Idaho. Mon. Weather Rev. 20:215-219; J. For. 20(3):215-219.
- Larsen, J. A.
1923. Association of trees, shrubs, and other vegetation in northern Idaho forests. Ecology 4(1):63-67.
- Larsen, J. A.
1924. Some factors affecting reproduction after logging in northern Idaho. J. Agric. Res. 28(11):1149-1157.
- Larsen, J. A.
1924. Trend in silvicultural development in Germany. J. For. 22(5):506-512.
- Larsen, J. A.
1925. Products from immature white pine stands in Idaho. For. 7:15-16. Idaho.
- Larsen, J. A.
1925. The forest fire season at different elevations in Idaho. Mon. Weather Rev. 53(2):60-63.
- Larsen, J. A.
1925. Natural reproduction after forest fires in northern Idaho. J. Agric. Res. 31(12):1177-1197.
- Larsen, J. A.
1925. Methods of stimulating germination of western white-pine seed. J. Agric. Res. 31(9):889.
- Larsen, J. A.
1926. Thinnings. Iowa State Univ., Ames Forester.
- Larsen, J. A.
1928. Suggestions for forest research in Idaho. Idaho Forester.
- Larsen, J. A.
1928. The study of natural reproduction on burned forest areas. J. For. 26:332-337.
- Larsen, J. A.
1929. Fires and forest succession in the Bitterroot Mountains of northern Idaho. Ecology 10(1):67-76.
- Larsen, J. A.
1930. Forest types of the northern Rocky Mountains and their climatic controls. Ecology 11(4):631-672.
- Larsen, J. A.
1940. Site factor variations and responses in temporary forest types in northern Idaho. Ecol. Monogr. 10:1-54.
- Larsen, J. A.
1948. Early researches in the relations of forest fires and unusual weather conditions, humidity, duff moisture, and inflammability. Iowa State Univ. J. Sci. 22(4).

- Larsen, J. A., and C. C. Delavan.
1922. Climate and forest fires in Montana and northern Idaho, 1909-1919. Mon. Weather Rev. 50(2):55-68.
- Larsen, J. A., and W. C. Lowdermilk.
1924. Slash disposal in pine forests of Idaho. West Coast Lumberman 47 (553): 50,59-63,75.
- Larsen, J. A., and W. C. Lowdermilk.
1924. Slash disposal in western white pine forests in Idaho. U.S. Dep. Agric. Circ. 292, 20 p. Washington, D.C.
- Larsen, J. A., and R. J. Smith.
1913. Concerning seed spots. For. Q. 11:67.
- Leaphart, Charles D.
1958. Root characteristics of western white pine and associated tree species in a stand affected with pole blight of white pine. USDA For. Serv., Intermt. For. and Range Exp. Stn. Res. Pap. 52, 11 p. Ogden, Utah.
- Leaphart, Charles D.
1958. Pole blight--how it may influence western white pine management in light of current knowledge. J. For. 56:746-751.
- Leaphart, Charles D.
1959. Drought damage to western white pine and associated tree species. PlantDis. Rep. 43(7):809-813.
- Leaphart, Charles D., and Otis L. Copeland, Jr.
1957. Root and soil relationships associated with the pole blight disease of western white pine. Soil Sci. Soc. Am. Proc. 21(50):551-554.
- Leaphart, C. D., Otis L. Copeland, Jr., and D. P. Graham.
1957. Pole blight of western white pine. USDA For. Serv., For. Pest Leaflet 16, 4 p. Washington, D.C.
- Leaphart, Charles D., and Lake S. Gill.
1955. Lesions associated with pole blight of western white pine. For. Sci. 1(3):232-238.
- Leaphart, Charles D., and Albert R. Stage.
1971. Climate: a factor in the origin of the pole blight disease of Pinus monticola Dougl. Ecology 52(2):229-239.
- Leaphart, C. D., and E. F. Wicker.
1966. Explanation of pole blight from responses of seedlings grown in modified environments. Can. J. Bot. 44(2):121-137.
- Lloyd, Merle G.
1959. Air currents send spores over ridge. West. Conserv. J. 16(1):32-33.
- Lloyd, Merle G.
1960. Microclimate studies: results to date and their practical application to control problems in Region 1. Nat. Blister Rust Contr. Meeting, 1959, Proc. 29:36.
- Lloyd, M. G.
1960. Microclimate phases of blister rust control. P. 59-64. Int. For. Dis. Work Conf. Proc.

- Lloyd, M. G.
1961. The contribution of dew to the summer water budget of northern Idaho. *Bull. Am. Meteorol. Soc.* 42(8):572-580.
- Lloyd, M. G.
1963. Recording dew gage. *Fire Control Notes* 24:42-44.
- Lloyd, Merle G., Clyde A. O'Dell, and J. H. Wells.
1959. A study of spore dispersion by use of silver-iodide particles. *Am. Meteor. Soc. Bull.* 40(6):305-309.
- Lotan, James E.
1967. Early performance of *Pinus contorta* x *banksiana* hybrids. *USDA For. Servo Res. Note INT-5~p. Intermt. For. and Range Exp. Stn., Ogden, Utah.*
- McAlpine, J. F.
1964. Descriptions of new Lonchacidae (Diptera). *Can. Entomol.* 96: 701-757.
- McConnell, R. C.
1965. Soil survey, -Priest River Experimental Forest. *USDA For. Serv., North. Reg. Progr. Rep. (in-Service), 7 p.*
- MacCready, Paul B., Jr.
1957. The Munitalp cloud theodolite. *Am. Meteorol. Soc. Bull.* 38(8):460-464.
- MacCready, Paul B., Jr., Vincent J. Schaefer, John H. Dieterich, and J. S. Barrows.
1955. Project Skyfire: cloud and lightning observation handbook. *USDA For. Serv., Intermt. For. and Range Exp. Stn. Misc. Publ. 5, 47 p. Ogden, Utah.*
- McHarg, C. K., J. Kittredge, J. F. Preston, and others.
1917. Developments in the marking of western white pine (*Pinus monticola*) in northern Idaho. *J. For.* 15(7):871-885.
- Marshall, Robert.
1927. Influence of precipitation cycles on forestry. *J. For.* 25(4):415-429.
- Marshall, Robert.
1928. The life history of some western pine stands on the Kaniksu National Forest. *Northwest Sci.* 2(2):48-53.
- Marshall, Robert.
1928. Natural reproduction in the western white pine type. *USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Progr. Rep., 72 p.*
- Marshall, Robert, and Clarence Averill.
1928. Soil alkalinity on recent burns. *Ecology* 9(4):533.
- Miller, Orson K.
1962. Sporulation, germination, and early growth of *Echinodontium tinctorium*. *Plant Dis. Rep.* 46:576-578.
- Miller, Orson K., Jr.
1964. Monograph of *Chroogomphus* (Gomphidiaceae) *Mycologia* 56:526-549.
- Moss, V. D., and C. A. Wellner.
1953. Aiding blister rust control by silvicultural measures in the western white pine type. *U.S. Dep. Agric. Circ. 919. Washington, D.C.*

- Mutch, Robert Ward.
1958. A system for rating seasonal forest fire severity. M.S. Thesis, Mont. State Univ.
- Nelson, Morlan W., and J. Alden Wilson.
1965. Summary of snow survey measurements for Idaho, 1921-1924. US Dep Agric., Soil Cons. Serv. Rep., Portland, Oreg.
- Olson, D. S.
1953. Preliminary tests on relative inflammability of logging slash by species in the western white pine type. Univ. Idaho, For., Wildlife and Range Exp. Stn. Res. Note 5, 7 p.
- Olson, D. S.
1953. Slash volume in relation to species and timber volume harvested. Univ. Idaho, For., Wildlife and Range Exp. Stn. Res. Note 9, 11 p.
- Olson, D. S.
1953. Solids and voids in logging slash. Univ. Idaho, For., Wildlife and Range Exp. Stn. Res. Note 8, 4 p.
- Olson, D. S., and George R. Fahnestock.
1955. Logging slash: a study of the problem in Inland Empire forests. Univ. Idaho, For., Wildlife and Range Exp. Stn. Bull. 1, 52 p.
- Packer, Paul E.
1960. Some terrain and forest effects on maximum snow accumulation in a western white pine forest. West. Snow Conf. Proc. 28:63-66.
- Packer, Paul E.
1962. Elevation, aspect, and cover effects on maximum snowpack water content in a western white pine forest. For. Sci. 8(3):225-235.
- Paine, Lee A., and Albert W. Slipp.
1947. Evaluation of the role of weather in recurrent intensification of the white pine blister rust in western white pine. Univ. Idaho Sch. For. Memo. Rep., 44 p.
- Palpant, E. H., John L. Thames, and Austin E. Helmers.
1953. Swith shelters for use with soil moisture units. p. 21-30. In Soil moisture measurement with the fiberglas instrument. USDA For. Serv., South. For. Exp. Stn. Occas. Pap. 128. New Orleans, La.
- Peffer, Al.
1950. Evolution of the fire danger meter. Am. For. 56(4):12-13.
- Rehfeldt, G. E., and R. J. Steinhoff.
1970. Height growth in western white pine progenies. USDA For. Serv. Res. Note INT-123, 4 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Rehfeldt, G. E., and J. E. Lotan.
1970. Pinus contorta X banksiana hybrids tested in northern Rocky Mountains. USDA For. Serv. Res. Note INT-126, 7 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Richards, Leon W.
1940. Effects of certain chemical attributes of vegetation on forest inflammability. J. Agric. Res. 60(12):833-838.

- Satterlund, Donald R., and Harold F. Haupt.
1967. Snow catch by conifer crowns. *Water Resour. Res.* 3(4):1035-1039.
- Satterlund, Donald R., and Harold F. Haupt.
1970. The disposition of snow caught by conifer crowns. *Water Resour. Res.* 6(2):649-652.
- Schaefer, V. J.
1949. The possibilities of modifying lightning storms in the northern Rockies. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Pap. 19.
- Schaefer, V. J.
1957. Atmospheric studies from a moving weather observatory. *Bull. Am. Meteorol. Soc.* 38:124-129.
- Schaefer, Vincent J., and John H. Dieterich.
1959. The seeding of cumulus clouds by ground based silver iodide generators. *J. Appl. Math. and Phys. (ZAMP)* 10(2):174-188.
- Schopmeyer, C. S.
1939. Survival in forest plantations in the northern Rocky Mountain region. *J. For.* 38(1):16-24.
- Shames, Leo.
1938. Measurements of forest fire danger. *Science* 88(2287):401-402.
- Slipp, Albert W., and Walter H. Snell.
1944. Taxonomic-ecologic studies of the Boletaceae in northern Idaho and adjacent Washington. *Lloydia* 7:1-66.
- Smith, Alexander H.
1965. New and unusual Basidiomycetes with comments on hyphal and spore wall reactions with Melzer's solution. *Mycopathol. et Mycol. Appl.* 26(4):385-402.
- Smith, Alexander H.
1968. Further studies in Rhizopogon. I. *Elisha Mitchell Sci. Soc. J.* 84: 274-280.
- Smith, Alexander H.
1972. The North American species of Psathyrella. *Mem. N.Y. bot. Gard.* 24 1-633.
- Smith, Alexander H., and L. R. Hesler.
1968. The North American species of Pholiota. 402 p. Hafner Publishing Co. New York.
- Smith, Alexander H., and Harry D. Thiers.
1964. A contribution toward a monograph of North American species of Suillus. 116 p. Privately published, Ann Arbor, Mich.
- Smith, Alexander H., Harry D. Thiers, and Orson K. Miller.
1965. The species of Suillus and Fuscoboletinus of the Priest River Experimental Forest and vicinity, Priest River, Idaho. *Lloydia* 28(2):120-138.

- Smith, Alexander H., Harry D. Thiers, and Roy Watling.
1966. A preliminary account of the North American species of *Leccinum*, Section *Leccinum*. Mich. Bot. 5(3A):131-179.
- Smith, Alexander H., Harry D. Thiers, and Roy Watling.
1967. A preliminary account of the North American species of *Leccinum*, Sections *Luteoscabra* and *Scabra*. Mich. Bot. 6:107-154.
- Smith, Alexander H., and S. M. Zeller.
1966. A preliminary account of the North American species of *Rhizopogon*. N.Y. Bot. Gard. 14(2):1-178.
- Snyder, Gordon G., Harold F. Haupt, and George H. Belt, Jr.
1975. Clearcutting and burning slash alter quality of stream water in northern Idaho. USDA For. Servo Res. Pap. INT-168, 34 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Squillace, A. E., and Roy R. Silen.
1962. Racial variation in ponderosa pine. For. Sci. Monogr. 2, 27 p.
- Stage, A. R.
1957. Some runoff characteristics of a small forested watershed in northern Idaho. Northwest Sci. 31(1):14-27.
- Steinhoff, R. J.
1970. Northern Idaho ponderosa racial variation study--50-year results. USDA For. Servo Res. Note INT-118, 4 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Steinhoff, R. J.
1971. Field levels of infection of progenies of western white pines selected for blister rust resistance. USDA For. Servo Res. Note INT-146, 4 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Stickel, P. W.
1943. Local application of standard meteorological references. Northwest Sci. 17(4):75-81.
- Stockstad, Dwight S., and Richard J. Barney.
1964. Conversion tables for use with the national fire-danger rating system in the Intermountain area. USDA For. Servo Res. Note INT-12, 6 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- USDA Forest Service.
1949. Pole blight--this is how to recognize it. Joint Pub1., Univ. Idaho Div. For. Patho1 and USDA For. Serv., 5 p.
- USDA Forest Service, Pole Blight Investigations Steering Committee.
1952. Pole blight--what is known about it. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Misc. Pub1. 4, 17 p.
- Wahlenberg, W. G.
1924. Fall sowing and delayed germination of western white pine seed. J. Agric. Res. 28(11):1127-1131.
- Wahlenberg, W. G.
1925. Sowing and planting season for western yellow pine. J. Agric. Res. 30(3):245-252.

- Wahlenberg, W. G.
1925. Reforestation by seed sowing in the northern Rocky Mountains. J. Agric. Res. 30(7):637-641.
- Wahlenberg, W. G.
1926. Age classes of western white pine planting stock in relation to aspect of planting site in northern Idaho. J. Agric. Res. 33(7):611-619.
- Wahlenberg, W. G.
1928. Experiments with classes of stocks suitable for forest planting in the northern Rocky Mountains. J. Agric. Res. 36(12):977-1000.
- Wahlenberg, W. G.
1929. Relation of quantity of seed sown and density of seedlings to the development and survival of forest planting stock. J. Agric. Res. 38(4):219-227.
- Wahlenberg, W. G.
1930. Effect of ceanothus brush on western yellow pine plantations in the northern Rocky Mountains. J. Agric. Res. 41(8):601-612.
- Warnick, C. C.
1953. Experiments with windshields for precipitation gages. Trans. Am. Geophys. Union 34(3):379-388.
- Warnick, C. C.
1956. Influence of wind on precipitation measurements at high altitudes. Univ. Idaho, Eng. Exp. Stn., Bull. 10, 63 p.
- Watt, Richard F.
1950. Approach toward normal stocking in western white pine stands. Northwest Sci. 24(4):149-157.
- Watt, Richard F.
1950. Growth in understocked and overstocked western white pine stands. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 78, 3 p.
- Watt, Richard F.
1952. Western white pine stands show irregular growth pattern. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 113, 1 p.
- Watt, Richard F.
1953. Site index changes in western white pine forests. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 132, 2 p.
- Watt, Richard F.
1954. Mortality in second-growth stands of the western white pine type. USDA For. Serv., Intermt. For. and Range Exp. Stn. Res. Note 9, 5 p. Ogden, Utah.
- Watt, Richard F.
1960. Second-growth western white pine stands: site index and species changes; normality percentage trends; mortality. U.S. Dep. Agric. Tech. Bull. 1226, 60 p.

- Weidman, R. H.
1922. Intensive management on a demonstration forest. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Appl. For. Note 35, 3 p. Ogden, Utah.
- Weidman, R. H.
1923. II. Relation of weather forecasts to the prediction of dangerous forest fire conditions. Mon. Weather Rev. 51:563-564.
- Weidman, R. H.
1925. Ten years' trial of some introduced species at Priest River Experiment Station. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Appl. For. Note 56, 3 p.
- Weidman, R. H.
1927. Prolific seed production in the forests of northern Idaho. Northwest Sci. 1(4):79-80.
- Weidman, R. H.
1928. Forest research activities in the northern Rocky Mountain region. Northwest Sci. 2(2):33-37.
- Weidman, R. H.
1929. What is research? Northwest Sci. 3(2):42-44.
- Weidman, R. H.
1933. Progress of research in silviculture in the Inland Empire. Northwest Sci. 7(3): 67-71.
- Weidman, R. H.
1937. Establishment and progress of the Priest River arboretum, 1931 to 1936. Unpubl. ms., 22 p. (Arboreta file).
- Weidman, R. H.
1939. Evidences of racial influence in a 25-year test of ponderosa pine. J. Agric. Res. 59:855-888.
- Welch, D. S.
1947. Study of the mortality of young western white pine trees. Univ. Idaho Sch. For. Bull. 42(6):20-23.
- Wellner, C. A.
1946. Estimating light intensity in residual stands in advance of cutting. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 47, 4 p.
- Wellner, C. A.
1946. Improving composition in young western white pine stands. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Res. Note 43, 6 p.
- Wellner, C. A.
1947. Pole blight - a new disease of western white pine. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Pap. 8, 3 p.
- Wellner, C. A.
1947. Marking instructions for the white pine type in the northern Rocky Mountain region. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. 14 p.

- Wellner, C. A.
1947. Forest protection in the silviculture of western white pine forests. Northwest Sci. 21(3):109-112.
- Wellner, C. A.
1948. New disease threatens western white pine stands . For. 46(4):294-295.
- Wellner, C. A.
1948. Light intensity related to stand density in mature stands of the western white pine type. J. For. 46(1):16-19.
- Wellner, C. A.
1952. A vigor classification for mature western white pine trees in the Inland Empire. USDA For. Serv., North. Rocky Mt. For. and Range Exp.Stn. Res. Note 110, 3 p. '
- Wellner, C. A.
1962. Silvics of western white pine. USDA For. Serv., Intermt. For. and Range Exp. Stn. Misc. Publ. 26, 24 p. Ogden, Utah.
- Wellner, C. A., and F. D. Johnson.
1974. Research natural area needs in Idaho: A first estimate. 179 p. Univ. Idaho., Coll. For., Wildlife and Range Sci. [Rep. of Natural Areas Workshop, April 24-25, 1974, Boise, Idaho.]
- Wellner, C. A., R. F. Watt, and A. E. Helmers.
1951. What to see and where to find it on the Priest River Experimental Forest. USDA For. Serv., North. Rocky Mt. For. and Range Exp. Stn. Misc. Publ. 3, 86 p.
- Wells, Virginia, and Phyllis Kempton.
1968. A preliminary study of Clavariadelphus in North America. Mich. Bot. 7: 35-57.
- Wicker, Ed F.
1965. Biology and control of dwarf mistletoes on Douglas-fir and western larch. Ph.D. Thesis, Dep. Plant Pathol., Wash. State Univ., 178 p.
- Wicker, Ed F.
1967. Seed destiny as a klendusic factor of infection and its impact upon propagation of Arceuthobium spp. Phytopathology 57(11):1164-1168.
- Wicker, Ed F., and C. Gardner Shaw.
1967. Target area as a k1endusic factor in dwarf mistletoe infections. Phytopathology 57(11):1161-1163.
- Wright, Ernest, and Donald P. Graham.
1952. Surveying for pole blight. J. For. 50(9):680-682.
- Zahner, Robert, and Albert R. Stage.
1966. A procedure for calculating daily moisture stress and its utility in regressions of growth and weather. Ecology 47(1):64-74.