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Research Publications of the Cascade Head Experimental Forest and Scenic Research Area, Oregon Coast Range, 1934 to 1990

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Abstract

Greene, Sarah E.; Blinn, Tawny. 1991. Research publications of the Cascade Head Experimental Forest and Scenic Research Area, Oregon Coast Range, 1934 to 1990. Gen. Tech. Rep. PNW-GTR-268. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 28 p.

A list of publications resulting from research at the Cascade Head Experimental Forest and Scenic Research Area, Siuslaw National Forest, Oregon, from 1934 to 1990 is presented. Over 200 publications are listed, including papers, theses, and reports. An index is provided that cross-references the listings under appropriate keywords.

Keywords: Bibliographies (forestry), Oregon (Cascade Head Experimental Forest), Cascade Head Experimental Forest—Oregon.

Contents

1	Introduction
3	Bibliography
21	Index

Introduction

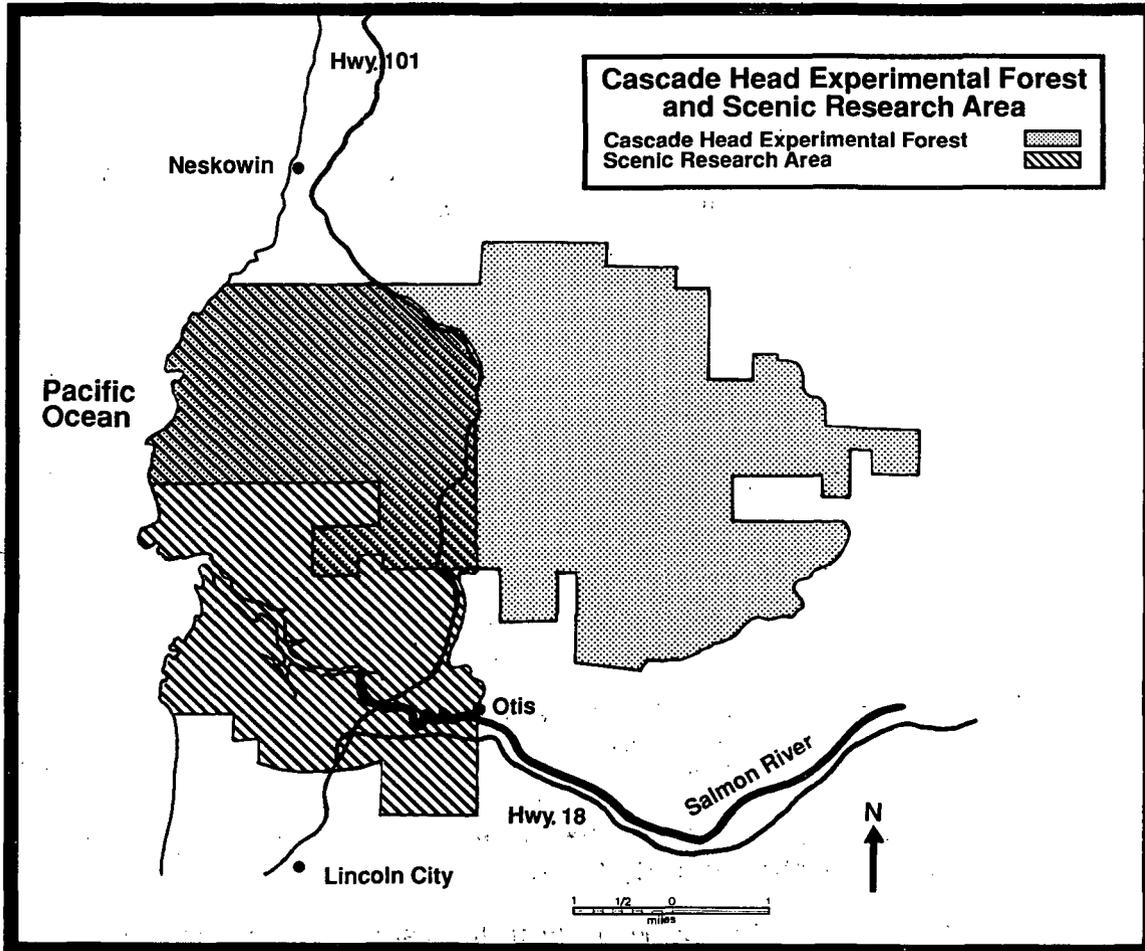
This bibliography is comprised of 56 years of publications. The publications prepared before 1974 resulted from work done at the Cascade Head Experimental Forest, established in 1934. Later publications come from work done in the Scenic Research Area, established in 1974, and the Experimental Forest (see map). Early research at the Experimental Forest concentrated on permanent sample plots established to follow growth, yield, and mortality of forested stands; on studies of silvical characteristics of trees; and on commercial-sized harvest cuttings to evaluate the silvicultural and economic results of various cutting methods. The establishment of the Scenic Research Area in 1974 added a large river estuary and several coastal prairie headlands to the total study area, thus broadening the research possibilities at Cascade Head. The research emphasis has been expanded to include studies on forest ecosystems, wildlife, nutrient cycling, climate change, species autecology, and the estuary as well as more applied forestry studies.

Research at Cascade Head is funded and carried out by several institutions and individuals: USDA Forest Service and Agricultural Research Service, U.S. Weather Bureau, U.S. Environmental Protection Agency, U.S. Geological Survey, National Science Foundation, National Aeronautics and Space Administration, Oregon Department of Fish and Wildlife, Oregon Division of State Lands, Oregon State University, University of Oregon, Willamette University, Rice University, and The Nature Conservancy.

We have tried to document all relevant literature, including published papers, some reports, and theses. The publications are arranged alphabetically by author, then by date and title. Authors' names are given exactly as shown on the publication. Thus, a publication with initials for the primary author's first name will be listed before one with the first name spelled out, even if the paper was published at a later date; for example, Binkley, D. (1989) occurs before Binkley, Dan (1983).

An index is provided after the bibliography. Publications are listed alphabetically by author under appropriate keywords, and most listings are cross-referenced. All publications in the bibliography are listed in the index.

We regret that reprints of all listed items cannot be obtained from a central location. The first source for papers is libraries; some may be obtained from the authors or from the Pacific Northwest Research Station, P.O. Box 3890, Portland, OR 97208-3890. If copies are not available from these sources, single requests of some papers can be addressed to the Cascade Head Experimental Forest, Forestry Sciences Laboratory, 3200 Jefferson Way, Corvallis, OR 97331. Because we must make photocopies from our files, we ask that this service be used as a last resort.



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Bacteria:

Hutchins 1980, Hutchins and Li 1981, Lu and others 1968

Bark:

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Biomass:

Binkley and Greene 1983; Dale and Franklin 1989; Fujimori 1971b, 1972; Fujimori and others 1976; Gholz 1982; Gholz and others 1979; Grier 1976; Harcombe 1986; Harcombe and others, in press; Harmon and others 1986; Juday 1976

Biological Control:

McEvoy 1985, McEvoy and others 1989

Carbon:

Giordano 1989, Li and Bollen 1975

Clone:

Tappeiner and others [in press]

Competition:

Giordano 1989

Decomposition:

Grier 1976, 1978b; Harmon and others 1986; Sollins 1982; Warner 1976; Wright and Isaac 1956

Detritus:

Harmon and others 1986, Sollins 1982, Sollins and others 1984

Douglas-Fir:

Berntsen 1961; Binkley 1984; Binkley and Greene 1983; Binkley and Sollins 1990; Binkley and others [submitted]; Bollen and Lu 1968; Dale and Franklin 1989; Franklin and Dyrness 1988; Franklin and Pechanec 1967, 1968; Franklin and others 1968; Hansen 1975; Harmon and others 1986; Isaac and Dimock 1958; Krueger and Ruth 1968, 1969; Krygier 1958; Li 1974, 1978; Li and others 1972a, 1972b; Lu and others 1968; Miller and Murray 1978; Minore 1966, 1970; Morris 1970; Neal and others 1968a; Nelson 1968, 1975; Pechanec and Franklin 1968; Wallis 1976; Wicklow and others 1974

Earthquake:

Grant 1989

Ecological Monitoring:

Arnold 1988, Franklin and others 1972, Frenkel and Morlan 1990, Hinds and others 1981, Miller and others 1991

Epicormic Branching:

Berntsen 1961b, Herman 1964

Estuarine:

Frenkel and Morlan 1990; Grant 1989; Jefferson 1975; Johnson 1980; Macdonald and Barbour 1974; Mitchell 1981; Morgan and Holton 1977; Oregon Museum of Science and Industry, Natural History Study Team 1978; Percy and others 1974; Peterson and others 1984

Fallen Trees:

Grier 1978b; Harmon 1987, 1989; Harmon and Franklin 1989; Harmon and others 1986; Maser and others 1988; Minore 1966; Sollins 1982; Wright and Isaac 1956

Fertilizer:

Koo 1989

Fire:

Morris 1934, Munger 1944, Tarrant 1954

Forest:*Canopy:*

Fujimori 1971a, Hoyer and Swanzy 1986, Taylor 1990

Community:

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Disease:

Hansen 1975; Hutchins 1980; Hutchins and Li 1981; Krygier and Ruth 1961; Li and Bollen 1975; Li and others 1967a, 1967b, 1972b; Mitchell and others 1974; Nelson 1968, 1975, 1976; Nelson and others 1978; Wallis 1976; Wright 1960; Wright and Isaac 1956

Dynamics:

Berntsen 1958a, 1962; Binkley 1984; Binkley and Greene 1983; Bishop and others 1958; Briegleb 1940; Dale and Franklin 1989; Fujimori 1971b; Fujimori and others 1976; Harcombe 1986; Harcombe and others 1990; Hoyer and Swanzy 1986; Juday 1976; Kellogg and Emmingham [submitted]; Krygier 1958; Madison 1959a; Maser and others 1988; Miller and Murray 1978; Quaye 1982; Ruth and Harris 1979; Smith and others 1984; Taylor 1990

Management:

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Mortality:

Harcombe 1986; Harcombe and others, in press; Kellogg and Emmingham [submitted]; Kellogg and Olsen 1988; Kellogg and others 1986; Madison 1959a, 1959b; Smith and others 1984; Sollins 1982; Staebler 1953

Regeneration:

Ruth 1973

Thinning:

Alaback and Herman 1988; Berntsen 1958d, 1961a, 1962; Greene and Emmingham 1986; Herman 1964; Hoyer and Swanzy 1986; Kellogg and Emmingham [submitted]; Kellogg and Olsen 1988; Kellogg and others 1986

Geology:

Barnes 1981, Callender 1977, Franklin and Dyrness 1988, Greene 1982, Snavely and Wagner 1964

Guide:

Madison 1957, Minore 1966, Topik and Hemstrom 1982; U.S. Department of Agriculture, Forest Service 1975, 1976a

Herbicides:

Madison 1959b; Madison and Freed 1962, Madison and Ruth 1962, Ruth and Berntsen 1956

Hydrologic Processes:

Peterson and others 1984, Speaker and others 1988

Intertidal:

Davis 1979, Frenkel and Morlan 1990

Invertebrates:

Arnold 1988; Cox and McEvoy 1983; Diehl 1988; Fain and Whitaker 1978; Fogel 1975; Hammond 1986, 1987, 1988; Maser and others 1988; McEvoy 1985, 1989; McEvoy and others 1989; Rausch and Rausch 1973; Wrenn and Maser 1981; Wright 1960

Land Management:

Beckham 1975; U.S. Department of Agriculture, Forest Service 1978

Leaf Area:

Gholz 1982; Gholz and others 1976, 1979; Running and others 1986; Spanner and others 1984

Litter:

Grier 1976, 1978a, 1978b; Harmon 1987; Heath and others 1988; Hinds and others 1981; Lu and Zaerr 1989; McShane and others 1983; Sollins 1982; Sollins and others 1984; Strickland and Sollins 1987; Warner 1976

Mammals:

Black and Taber 1977, Maser and Franklin 1974, Maser and others 1981, Whitaker and Maser 1976

Management Plan:

U.S. Department of Agriculture, Forest Service 1976b

Meteorology:

Dale and Franklin 1989, Ruth 1954

Molsture:

Cox and McEvoy 1983; Isaac 1946; Koo 1989; Lu and Zaerr 1989; Minore 1968, 1970

Mosses:

Alaback and Herman 1988, Christy 1980, Greene 1982, Harmon and Franklin 1989, Pechanec and Franklin 1968

Mycorrhizae:

Bollen and Lu 1968; Bollen and others 1967, 1968; Gerdemann and Trappe 1974; Hibbs and Cromack 1990; Ho and Trappe 1975; Koo 1989; Miller and others 1991; Neal and others 1968a, 1968b; Smith and Trappe 1972; Stetson 1978; Trappe 1972, 1975; Wicklow and others 1974

Natural Area:

Brehm and Mártala [n.d.], Franklin and others 1972, Greene 1982, Greene and others 1986, Macdonald 1980

Nitrogen:

Berntsen 1958a; Binkley and others 1985, [submitted]; Bollen and Lu 1968; Grier 1976; Heath and others 1988; Ho and Trappe 1975; Koo 1989; Li and Bollen 1975; Li and others 1967b, 1972a; Sachs and Sollins 1986; Sollins and others 1984; Tarrant and others 1968b, 1969; Tarrant and Trappe 1971; Williamson 1968

Nutrients:

Binkley and others 1985, [submitted]; Bollen and others 1967, 1968; Franklin and others 1968; Grier 1976, 1978a, 1978b; Harmon 1987; Heath and others 1988; McShane and others 1983; Tarrant and others 1968a; Trappe and others 1968

Organic Matter:

Kira and Shidei 1967

Photosynthesis:

Krueger and Ruth 1968, 1969

Plant Community:

Davidson 1967; Franklin and Dyrness 1988; Franklin and Pechanec 1967, 1968; Frenkel and Morlan 1990; Fujimori 1971b; Gholz and others 1976; Hemstrom and Logan 1986; Jefferson 1975; Krygier and Ruth 1961; Maser and others 1981; Mitchell 1981; Pechanec and Franklin 1968; Quayle 1982; Ripley 1984; Warner 1976

Plantation:

Madison 1959a; Ruth 1956, 1957

Prairie:

Arnold 1988; Brehm and Marttala [n.d.]; Davidson 1967; Hammond 1986, 1987, 1988; Ripley 1984

Precipitation:

Isaac 1946, Ruth 1954, Tarrant and others 1968a

Production, Productivity:

Alaback and Herman 1988; Binkley and Greene 1983; Briegleb 1940; Fujimori 1971b; Fujimori and others 1976; Gholz 1982; Giordano 1989; Grier 1976, 1978a; Harcombe 1986; Harcombe and others 1986, in press; Kira and Shidei 1967; Sachs and Sollins 1986; Williamson 1968

Rare and Endangered Species:

Arnold 1988, Diehl 1988, Fujimori 1972, Kephart and Nebenzahl 1983

Red Alder:

Bernsten 1954b, 1958a, 1961a, 1961b, 1962; Binkley 1984; Binkley and Greene 1983; Binkley and Sollins 1990; Binkley and others 1985, [submitted]; Bishop and others 1958; Bollen and Lu 1968; Bollen and others 1968; DeBell and Wilson 1978; Franklin and Pechanec 1967, 1968; Franklin and others 1968; Giordano 1989; Hansen 1975; Harrington 1984; Harrington and DeBell 1980; Heebner and Bergener 1983; Koo 1989; Krueger and Ruth 1968; Lester and DeBell 1989; Li 1974, 1978; Li and others 1967a, 1972a, 1972b; Lu and Zaerr 1989; Lu and others 1968; Madison and Ruth 1962; Miller and Murray 1978; Miller and others 1991; Minore 1966, 1970; Neal and others 1967, 1968a, 1968b; Nelson 1968, 1975; Nelson and others 1978; Ruth 1968a; Ruth and Berntsen 1956; Tarrant and others 1969, 1971; Trappe 1972; Trappe and others 1968; Wicklow and others 1974; Williamson 1968; Worthington 1957

Regeneration:

Harmon and Franklin 1989; Harrington 1984; Kephart and Nebenzahl 1983; Koo 1989; Madison 1959; Minore 1966, 1968, 1970, 1972; Ruth 1958a, 1958b, 1968a, 1968b, 1970; Ruth and Berntsen 1955

Remote Sensing:

Running and others 1986, Spanner and others 1984

Riparian Vegetation:

Speaker and others 1988

Roads:

Madison 1959b

Roots:

Hansen 1975; Hutchins 1980; Hutchins and Li 1981; Li and Bollen 1975; Li and others 1972a, 1972b; Nelson 1968, 1975, 1976; Nelson and others 1978; Trappe 1972; Wallis 1976

Salt Marsh:

Frenkel and Morlan 1990; Grant 1989; Jefferson 1975; Macdonald and Barbour 1974; Mitchell 1981; Oregon Museum of Science and Industry, Natural History Study Team 1978; Percy and others 1974

Sediment:

Peterson and others 1984

Seed:

Neal and others 1967, Ruth and Berntsen 1955

Seedling:

Berntsen 1955; Harmon 1987; Harmon and Franklin 1989; Koo 1989; Krueger and Ruth 1968, 1969; Minore 1968, 1970; Ruth 1968a, 1968b, 1970; Taylor 1990

Shell:

Davis 1979

Silvics:

Berntsen 1958b, 1958c; Isaac and Dimock 1958; Ruth 1958a; Worthington 1957

Silviculture:

Berntsen 1958a, 1958b; Isaac and Dimock 1958; Ruth 1958a, 1958b, 1967;
Worthington 1957

Site Index:

Bishop and others 1958, Farr and Harris 1979

Sitka Spruce:

Alaback and Herman 1988; Berntsen 1954b, 1955, 1958a, 1961a; Binkley and Sollins 1990; Briegleb 1940; Farr and Harris 1979; Franklin and Dyrness 1988; Fujimori 1972; Fujimori and others 1976; Gholz 1982; Gholz and others 1976, 1979; Greene 1982; Greene and Emmingham 1986; Grier 1976, 1978b; Harcombe 1986; Harcombe and others, in press; Harmon and Franklin 1989; Harmon and others 1986; Herman 1964; Kellogg and Emmingham [submitted]; Kellogg and Olsen 1988; Kellogg and others 1986; Krueger and Ruth 1968, 1969; Krygier 1958; Krygier and Ruth 1961; Madison 1959a; McComb and Munger 1940; Minore 1966, 1968, 1970, 1972; Mitchell and others 1974; Quaye 1982; Ruth 1958a, 1958b, 1964; Ruth and Berntsen 1955; Ruth and Harris 1979; Smith and others 1984; Wright 1960; Wright and Isaac 1956

Soll:

Binkley and Sollins 1990; Binkley and others 1985, [submitted]; Bollen and Lu 1968; Bollen and others 1967, 1968; Franklin and Dyrness 1988; Franklin and others 1968; Gerdemann and Trappe 1974; Grant 1989; Greene 1982; Harmon 1987; Heath and others 1988; Ho 1979; Kira and Shidei 1967; Li 1978; Li and others 1968, 1970, 1972a, 1972b; Maser and others 1981, 1988; Miller and others 1991; Minore 1968, 1970; Mitchell 1981; Neal and others 1968a, 1968b; Nelson 1968, 1975, 1976; Nelson and others 1978; Rausch and Rausch 1973; Ruth 1960; Smith and Trappe 1972; Sollins and others 1984; Stickland and Sollins 1987; Strickland and others 1988; Tarrant 1954; Tarrant and others 1969; Trappe 1972; Trappe and others 1968; Wicklow and others 1974

Solar Radiation:

Ruth 1968a, 1968b, 1970

Species List:

Brehm and Marttala [n.d.]; Greene 1982, Maser and Franklin 1974, Maser and others 1981, Topik and Hemstrom 1982

Sprouts:

Harrington 1984, Isaac 1940

Stream:

Harmon and others 1986, Speaker and others 1988

Succession:

Frenkel and Morlan 1990, Jefferson 1975, Juday 1976, Ripley 1984

Temperature:

Farr and Harris 1979, Ruth 1954

Timber Harvest:

Berntsen 1955, 1961b; Binkley 1964, 1965, 1969; Johnson and others 1963; Kellogg and Olsen 1988; Kellogg and others 1986; Ruth 1960, 1967; Ruth and Silen 1950; Tennas and others 1955; Wright and Isaac 1956

Timber Inventory:

Anonymous 1938

Vegetation:*Zone:*

Franklin and Dyrness 1988, Fujimori and others 1976, Gholz 1982, Hemstrom and Logan 1986, Jefferson 1975, Juday 1976, Krygier and Ruth 1961, Macdonald and Barbour 1974, Maser and others 1981, Ripley 1984

Study:

Franklin and Dyrness 1988; Franklin and Pechanec 1967, 1968; Frenkel and Morlan 1990; Gholz and others 1979; Greene 1982; Jefferson 1975; Li 1974; Mitchell 1981; Quaye 1982

Vertebrates:

Maser and Franklin 1974; Maser and others 1988; Oregon Museum of Science and Industry, Natural History Study Team 1978; Whitaker and Maser 1976

Western Hemlock:

Atkinson and Zasoski 1976; Berntsen 1954b, 1955, 1958a, 1958b, 1958c, 1961a; Binkley and others [submitted]; Briegleb 1940; Dale and Franklin 1989; Franklin and Dyrness 1988; Fujimori 1971a, 1971b, 1972; Fujimori and others 1976; Gholz 1982; Gholz and others 1976, 1979; Greene 1982; Greene and Emmingham 1986; Grier 1976, 1978a, 1978b; Harcombe 1986; Harcombe and others in press; Harmon 1987, 1989; Harmon and Franklin 1989; Harmon and others 1986; Hoyer and Swanzy 1986; Isaac 1946; Kellogg and Emmingham [submitted]; Kellogg and Olsen 1988; Kellogg and others 1986; Krueger and Ruth 1968, 1969; Krygier 1958; Krygier and Ruth 1961; McComb and Munger 1940; Minore 1966, 1968, 1970; Ruth and Berntsen 1955; Ruth and Harris 1979; Sachs and Sollins 1986; Smith and others 1984; Wright and Isaac 1956

Windthrow:

Binkley 1964, Kellogg and Emmingham [submitted], McComb and Munger 1940, Ruth and Yoder 1953

Greene, Sarah E.; Bilnn, Tawny. 1991. Research publications of the Cascade Head Experimental Forest and Scenic Research Area, Oregon Coast Range, 1934 to 1990. Gen. Tech. Rep. PNW-GTR-268. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 28 p.

A list of publications resulting from research at the Cascade Head Experimental Forest and Scenic Research Area, Siuslaw National Forest, Oregon, from 1934 to 1990 is presented. Over 200 publications are listed, including papers, theses, and reports. An index is provided that cross-references the listings under appropriate keywords.

Keywords: Bibliographies (forestry), Oregon (Cascade Head Experimental Forest), Cascade Head Experimental Forest—Oregon.

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