Finding aid to the Paul J. Zinke papers BANC MSS 2010/111

Marjorie Bryer
The Bancroft Library

2018
The Bancroft Library
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URL: http://www.lib.berkeley.edu/libraries/bancroft-library
Language of Material: English
Contributing Institution: The Bancroft Library
Title: Paul J. Zinke papers
Creator: Zinke, Paul J.
Identifier/Call Number: BANC MSS 2010/111
Physical Description: 20 Linear Feet (16 cartons)
Date (inclusive): 1947-1996
Abstract: This collection documents the professional work of University of California, Berkeley forestry and environmental studies professor, and soil specialist, Paul J. Zinke. The collection includes correspondence; biographical materials; University of California, Berkeley administrative materials; writings and professional papers; project files; research data; and course materials.

Language of Material: Collection materials are in English.

Conditions Governing Access
Collection is open for research.

Accruals
No future additions are expected.

Immediate Source of Acquisition
The Paul J. Zinke papers were given to The Bancroft Library in 2009 by Mrs. Mardell Zinke.

Alternate Forms Available
There are no alternative forms of this collection.

Biographical
Paul J. Zinke was born in Los Angeles, California, on November 10, 1920. He studied forestry and soil science at the University of California, Berkeley, receiving his BS in 1942. Zinke joined the U.S. Forest Service in 1947 and was assigned to the California Soil Vegetation Survey. He married Mardell Butler that same year. Zinke received his Ph.D. in soil science at Berkeley in 1956, and he joined the faculty at the School of Forestry in 1957. Zinke was a popular teacher; his survey course on forestry and conservation regularly enrolled 400 to 500 students in the 1970s, and he regularly taught at forestry field schools. In addition to teaching, Zinke studied and mapped soil-vegetation types in California, the American West, Greece, Italy, the Amazon Basin in Brazil, and northern Thailand. He also did groundbreaking work on carbon sequestration in soils, and his interest in redwood forests led him to measure most of Northern California's tallest trees. Zinke wrote over 100 research and professional papers, served as a forestry consultant, and helped produce data sets that were widely used by land managers and environmental scientists. Zinke retired in 1992 but remained active in his field. He died on August 18, 2006 in Oakland, California.

Preferred Citation
[Identification of item], Paul J. Zinke papers, BANC MSS 2010/111c, The Bancroft Library, University of California, Berkeley.

System of Arrangement
Arranged to the series and/or folder level.

Processing Information
Processed by Marjorie Bryer in 2018

Related Collections
Photographs from the Paul J. Zinke papers (BANC PIC 2010.055)
Joseph Kittredge papers (BANC MSS 2010/157)

Scope and Content of Collection
This collection documents the professional work of University of California, Berkeley forestry and environmental studies professor, Paul J. Zinke. His papers highlight his work as a soil specialist. The collection has been divided into seven series: Correspondence; Biographical Materials/University of California, Berkeley Administrative Materials; Writings and Professional Papers; Special Projects; Soil Vegetation Survey; Soil Foliage Coding Data; and Course Materials. Original folder titles were retained.

Publication Rights
Subjects and Indexing Terms

Zinke, Paul J. -- Archives

University of California, Berkeley -- School of Forestry and Conservation -- Faculty.

Forest conservation -- California -- Redwood National Park

Soil science.

Soil surveys -- California.

Forests and forestry -- Thailand.

Zinke, Paul J.

Series 1. Correspondence 1948-1994

Physical Description: Carton 1, folders 1-27

Scope and Content Note

Consists of incoming and outgoing professional correspondence. Correspondents include Kani Isik (files contain papers written with Zinke). Correspondence can also be found in Series 2, 3, and 4.


Physical Description: Carton 1, folders 28-44

Scope and Content Note

Includes administrative and personnel records, bibliographies, bio-bibliographies Zinke compiled for the Forestry and Conservation Department, biographical information, curricula vitae, and departmental progress reports. There are also lists of professional activities, public service activities, and theses Zinke directed. There is a folder of personalia with a news story about him, a memorial program for his colleague Rudolf Ferdinand Grah, and a file of Cal Alumni Foresters material, which includes an article that pays tribute article to Zinke.

Physical Description: Carton 1, folders 45-62; Cartons 2-4; Carton 5, folders 1-70

Arrangement

Divided into three parts: Numbered Publications; Numbered Professional Papers; and Unnumbered, Unpublished Writings, and Professional Projects.

Scope and Content Note

This series consists of Zinke’s published and unpublished writings, consulting work he did as a professional forester, and projects he did for the University of California, Berkeley and the California Agricultural Experiment Station.

The first part of the series is a run of numbered folders that contain Zinke’s publications. These include articles, book chapters, conference proceedings, lectures, and reprints. The second part of the series is a run of numbered folders that contain what Zinke called his “Professional Papers.” These are materials related to the consulting work he did as a professional forester for clients such as Pacific Gas and Electric, lumber companies, and various state and federal government agencies. These files include correspondence, evaluations, expert testimony, meeting minutes, and reports. Parts one and two end in 1986 and are roughly in reverse chronological order. Please note that there are numbered bibliographies and lists in Series 2 that can help identify specific publications and professional papers. A few numbered items are missing. These may be found with writings in the third part of this series.

The third part of the series is a mix of unpublished writings and professional projects related to Zinke’s work as a forester and scholar. These are filed together in chronological order (undated folders are arranged alphabetically). These files include bibliographies, conference proceedings and programs, consultations, data and tables, drafts, figures and overheads, illustrations, lectures, maps, materials for meetings, newspaper clippings, notes, outlines, photographs and negatives, publicity, a publishing agreement, reports, reprints of articles published after 1986, research and research proposals, slide shows, symposia, talks, and workshops. There are also secondary source materials, correspondence, and memos. Of note are materials related to the Soil-Vegetation Survey; and forest, wildland, and environmental databases, microfiche, and documentation from California Agricultural Experiment Station Projects 1762, 2937, and 2595.

Folder titles often refer to general subject matter, not specific writings. When possible, duplicates were removed, and folders with materials related to specific publication numbers were merged with their corresponding numbered files. Still, there may be overlap between Zinke’s numbered and unnumbered writings. There may also be overlap with course materials, as Zinke likely wrote some lectures in this series for his classes.

**Carton 1, Folder 45-62**

**Numbered Publications (#1-15) 1958-1986**

**Carton 2, Folder 1-77**

**Numbered Publications (#16-92) 1958-1983**

**Carton 2, Folder 78-107**

**Numbered Professional Papers (#1-25) 1976-1986**

**Carton 3, Folder 1-40**

**Numbered Professional Papers (#26-62) 1966-1976**

**Carton 3, Folder 41-72**

**Unnumbered, Unpublished Writings and Professional Projects 1952-1963**

**Carton 4**

**Unnumbered, Unpublished Writings and Professional Projects 1963-1984**

**Carton 5, Folder 1-70**

**Unnumbered, Unpublished Writings and Professional Projects 1984-1995, undated**

Physical Description: Carton 5, folders 71-89; Carton 6, folders 1-25; Carton 16, folders 30-41

Scope and Content Note
This series consists of files regarding projects that Zinke designated "special": California Redwoods, including Mixed Conifers; Erosion Control and California State Forest Practice Act; Kennett-Smelter Area - Acid Rain Effects; Mt. Baker-Snoqualmie National Forest Cumulative Effects Assessment; Thailand and Tropical Forests/Ecology; Santa Cruz and Santa Rosa Islands; and Leibel 16% Timber Sales. The redwood files include data, figures, illustrations, and tables. The Mt. Baker assessment includes correspondence, data, meeting materials, maps, reports and appendices, and worksheets. The Thailand files include conference materials, correspondence, drafts and papers. These folders also contain climatic data, flood data, records from the Sierra Club Tropical Forest Group, soil data, termite data, and materials from a Project Trend Study.

California Redwoods, including Mixed Conifers 1973-1996

Erosion Control and California State Forest Practice Act 1974-1978

Kennett-Smelter Area - Acid Rain Effects 1982


Thailand and Tropical Forests/Ecology 1967-1989

Thailand and Tropical Forests/Ecology 1967-1990

Santa Rosa and Santa Cruz Islands circa 1982

Leibel 16% Timber Sale 1990-1991

Series 5. Soil Vegetation Survey circa 1965-1990

Physical Description: Carton 6, folders 26-33; Cartons 7-10; Carton 11, folders 1-6

Arrangement
Original order was maintained.

Scope and Content Note
This series consists primarily of bound and unbound computer print-outs of research data.
Carton 6 (January 1972-January 1973): includes measures of standard depths, equivalent depth data, and soil moisture storage.
Carton 7 (1971-1973): includes measures of soil moisture storage, basic soils data, indexes, and measures of standard depths.
Carton 9 (circa 1972-1990): includes biome soils data and measures of standard depth and soil moisture storage, soil-vegetation maps (photocopies), plot plants and plant species lists, seventh approximation classification of California forest soils, master lists (for microfiche), customer reports, soil vegetation survey information system, and plot vegetation listings.
Carton 10 (1965, 1981-1987, undated): includes data on species in redwood regions, cation composition tables, measures of Weibull function, and N15 Study Data from the Blodgett Sierra Field Station.
Series 6. **Soil Foliage Coding Data circa 1963-1990**

**Physical Description:** Cartons 12-14

**Arrangement**  
Original order was maintained.

**Scope and Content Note**  
Research files, including articles by others, drawings, lab notebooks, and maps. Topics include carbon analysis, cations, density, and nitrogen determination. The series includes data from California, Greece, and Italy.

Series 7. **Course Materials 1947-1992**

**Physical Description:** Carton 11, folders 7-95 (Dendrology and Forestry 10); Carton 15; Carton 16, folders 1-29

**Scope and Content Note**  
Consists of materials related to classes Zinke taught in the Forestry (and later, Forestry and Conservation) Department at the University of California, Berkeley and at other schools. Berkeley courses include Dendrology (alternately called Forestry 108 and Forestry 121); and Forestry 10, a topical introductory course that covered subjects such as Historic Relations of Society to Forest and Wildland Resources, Silviculture, Plant Succession, and Taxonomy of Trees. Other Berkeley classes include Forestry/Forestry and Conservation 47, 122, 125, and 198. These covered topics such as Water Balance, and Fundamentals of Soil Evaluation. Types of material include assignments, classroom handouts, correspondence and memos, evaluations, exams, general reference materials and articles by others, keys to exams, lab work, lectures, newspaper clippings, notes, outlines, and syllabi. There is also material from courses taught by other UC faculty. Please note that dates on files that contain reference materials reflect the years Zinke collected the articles, not the date the articles were published; some secondary sources date back as far as the late 19th/early 20th centuries.

This series also includes materials from University of California, Berkeley Cooperative Extension classes, Forestry Field Schools, United States Forest Service Soils Schools/Courses, and Site Seminars and Silviculture Classes that Zinke taught at other universities. Types of material include handouts, notes, outlines, papers, readings, talks, and syllabi.

There is some overlap with Zinke’s Writings and Professional Papers, as that series includes some lectures that he prepared for his classes.

Carton 11 includes materials from Dendrology and Forestry/Forestry and Conservation 10 classes. Carton 15 includes materials from Forestry/Forestry and Conservation 10, 120, 122, and 125. Carton 16 includes materials from Forestry/Forestry and Conservation 10, 122, 123, and 125, and non-UC Berkeley classes.