Finding aid to Photographs of the Yolo Base Line, California, 1881

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Finding aid to Photographs of the Yolo Base Line, California, 1881

Collection number: BANC PIC 1980.025--AX

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Finding Aid Author(s):
Processed by James Ryan.
Finding Aid Encoded By:
GenX

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Collection Summary

Collection Title: Photographs of the Yolo Base Line, California
Date: 1881
Collection Number: BANC PIC 1980.025--AX
Photographer: Werner Suess
Extent: 11 photographs; 29 x 36 cm. 11 digital objects
Repository: The Bancroft Library.
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Abstract: The Photographs of the Yolo Base Line, California, were taken during 1881 in Yolo County by Werner Suess and show men of the U.S. Coast and Geodetic Survey, including George Davidson, the moveable tent (Yolo buggy) used in the survey, men taking measurements, and the camp near "Middle Base.

Languages Represented: Collection materials are in English

Access
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Preferred Citation

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Digital Representations Available
Digital representations of selected original pictorial materials are available in the list of materials below. Digital image files were prepared from selected Library originals by the Library Photographic Service. Library originals were copied onto 35mm color transparency film; the film was scanned and transferred to Kodak Photo CD (by Custom Process); and the Photo CD files were color-corrected and saved in JFIF (JPEG) format for use as viewing files.

Title: Portraits from the George Davidson Papers,
Identifier/Call Number: BANC PIC 1946.010 --PIC.

Indexing Terms
The following terms have been used to index the description of this collection in the library's online public access catalog
Davidson, George, 1825-1911 -- Pictorial works.
Davidson, George, 1825-1911. Associated name CU-BANC
California Heritage Project. CU-BANC
Online Archive of California.
California -- Surveys -- Pictorial works.
Cartography -- California -- Photographs.
Geodesy -- California -- Photographs.
Surveying -- California -- Photographs.
U.S. Coast and Geodetic Survey -- Pictorial works.

Acquisition Information
The Photographs of the Yolo Base Line, California, were purchased in 1980.

Scope and Content
The Photographs of the Yolo Base Line, California, were taken during 1881 in Yolo County by Werner Suess and show men of the U.S. Coast and Geodetic Survey, including George Davidson, the moveable tent (Yolo buggy) used in the survey, men taking measurements, and the camp near "Middle Base." "The Yolo Base Line" refers to Davidson's geodesic measurement of the base lines upon which all distances in the extensive triangulation of the State of California depend. The first was the Yolo Base line measured twice by him in 1881, of which this collection is a record, the second was the Los Angeles base line measured three times in 1888-89. Davidson was also president of the California Academy of Sciences, a Professor of Geodesy and Astronomy, and later a Regent of the University of California.

BANC PIC 1980.025:01--AX  ark:/13030/tf8n39p3mn
Yolo Base Line Party BANC PIC 1980.025:02--AX  ark:/13030/tf1x0nb220
The Men of the Party BANC PIC 1980.025:03--AX  ark:/13030/tf0k4004k4
The Moveable Tent or "Yolo Buggy", 51 feet long under which all measurements were made. BANC PIC 1980.025:04--AX  ark:/13030/tf8199p350
"Yolo Buggy at S.E. at close of second measurement. (The 35 foot brick pier removed, but protecting tower left partly dismantled. 6996 bars in 37 working days. Base 17,486 metres.) BANC PIC 1980.025:05--AX  ark:/13030/tf696nb5kt
Field comparisons of bars with standard. Side of "Yolo Buggy" raised to show the working. BANC PIC 1980.025:06--AX  ark:/13030/tf0779n8bc
Moveable tent or "Yolo Buggy" at Plainfield road measuring fractional bar at Fence stone. BANC PIC 1980.025:07--AX  ark:/13030/tf3w1007bv
Measuring across one of the sloughs. "Dry Slough" Trestle, 115 feet long, 22 feet high at footpath, 25 feet at rail. BANC PIC 1980.025:08--AX  ark:/13030/tf5b69p16k
Camp near middle base, from the Northwest. BANC PIC 1980.025:09--AX  ark:/13030/tf729008wm
Camp near middle base, from the East. BANC PIC 1980.025:10--AX  ark:/13030/tf9199p4mh
Camp near middle base, from the Northeast. BANC PIC 1980.025:11--AX  ark:/13030/tf109nb1gt