

OCCASIONAL PAPER NUMBER 3

A FACSIMILE REPRINT OF THE FIRST CARTOBIBLIOGRAPHY
OF THE PRINTED MAPS OF CALIFORNIA, BEING:

UNIVERSITY OF CALIFORNIA

LIBRARY BULLETIN No. 9

LIST OF PRINTED MAPS
OF
CALIFORNIA

BERKELEY, 1887

WITH AN EXPLANATORY FOREWORD BY ALFRED W. NEWMAN

DECEMBER 1992



California Map Society



The California Map Society was founded in 1978, an outgrowth of the historically-oriented Sir Francis Drake Centennial Celebration. The focus of the Society has been on maps of California, mapping in California, map collections and map collecting. As such, The Society is not centered on a single cartographic aspect or group, rather it retains a diversified membership and reaches out to all map enthusiasts.

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FOREWORD

The cartobibliographic facsimile reproduced herein was the first listing of printed maps of California. It was compiled by a talented, dedicated, and indefatigable man, Joseph Cummings Rowell. The details on its thirty-three pages remain a useful tool for those interested in both the history and the political cartography of the state, notwithstanding the limitations acknowledged by Rowell himself in his preface and others which will be mentioned later in this foreword. Before offering a cursory analysis of the completeness of this 1887 listing, a biographical note on Rowell is given, both to preserve a little of the spirit of the man, and to more fully appreciate this contribution among his many others. The details of Rowell's life are largely taken from the biography by Professor Benjamin P. Kurtz, Professor of English, UC Berkeley.

JOSEPH CUMMINGS ROWELL, 1853-1938

Rowell was born in Panama in 1853. His father, who had earned his living while concurrently obtaining degrees at Yale and Union Theological Seminary, was there as Chaplain to Panama under the auspices of the American Seamen's Friend Society and the American and Foreign Christian Union. He made his life's work the ministry to seaman. Rowell's mother was the daughter of a Congregational minister and editor. In 1858 the family moved to San Francisco where the father founded the Mariner's Church and became world renowned among sailors as its Chaplain. In this family, dedicated as it was to public service, young Rowell developed the habits of integrity and industry that served him all his life. In 1870 he became a member of the second freshman class of the University of California. The University was in Oakland, having taken over the property of the College of California. There were thirty-two in his class. A fellow student and close friend was Josiah Royce, later one of America's most famous philosophers. By 1873 the campus had moved to Berkeley, and in 1874 some twenty-three of the original class graduated. Rowell was an honors student, and was appointed Recorder of the Faculty, Secretary to President Gilman, and a lecturer in English History. A year later he was appointed University Librarian, a position he held until 1919. Thereafter, he continued as Librarian Emeritus and University Archivist until his death in 1938.

Some highlights of his service to the University, over a tenure of sixty-four years, were:

1. The planning of the new buildings for and the moving of the library, first from South Hall to Bacon Hall in 1881, and again in 1911 into the Doe Library.
2. Trips to observe library practices in the east and abroad, made while on vacation and once while on sabbatical.
3. The development of a classification and indexing system which permitted shelving on a call number basis, rather than one of fixed location. The renumbering of the 60,000 volumes and their catalog cards took two years from 1892-94. This was at a time of only handwritten entries. His system, based on only 999 numbers, was kept until about 1919, and was abandoned solely because of the necessity, for exchange and research purposes, to adopt the classification system developed at the Library of Congress.
4. The growth of the library from the 13,000 volumes held when he took over to the 400,000 held in 1919, some forty-four years later when he voluntarily retired as Librarian. (The millionth volume at Berkeley, his own work, was acquired in 1935 when Rowell was awarded the Doctor of Laws honorary degree.) Rowell was truly the instrument to fulfill the 1893 plea of Benjamin Ide Wheeler, newly installed as UC President when he said, "Give me a library, and I'll build a university about it." And among the acquisitions, there was the Bancroft collection, an acquisition Rowell had long urged, which had fortuitously survived in a brick building the San Francisco earthquake and fire.

5. The development of formal instruction in librarianship, beginning with only summer classes and evolving later into a separate school. His professional leadership was recognized by his being elected one of the early Vice-Presidents of the American Library Association, and by his election as the Charter President of the California Library Association.

Until his death in 1938 Rowell was the University's oldest living alumnus and its longest tenured employee — one who throughout his life was both aggressive yet kindly, one who had the respect and confidence of his associates, and one to whom California and its citizens owe a true debt of gratitude.

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Rowell's preface modestly states that this work was commenced in the first instance simply with the view of finding what county maps of California had been published, and with the expansion of the idea on finding the lack of any real listing. But it does not state that the work was really an extracurricular effort. As Kurtz notes "... on Saturday afternoons, Rowell haunted libraries and the office of county recorders, railroads, real-estate dealers, and mining companies for the purpose of compiling a full-title list of printed maps of California and its subdivisions." And what he could not personally locate, he developed by correspondence. He narrowed the listing by excluding the maps of early voyagers (being nearly all the engraved maps of California) and overland explorers, but gives several sources for them.

Another, almost unstated limitation, was the exclusion of the maps of the state found in standard atlases of the period, such as those published by Colton and Mitchell in America (see California Map Society *Occasional Paper Number 2*²) and those of the European publishers such as W. and A. K. Johnston and Stieler. The listing covers the period off the earliest mapping of the interior of California, although he missed some of the early maps of the gold region, later covered with great thoroughness by Carl Wheat³.

Some measure of the completeness of Rowell's work within these limitations is obtained by comparing it with the publication issued by the California State Mining Bureau in 1904 (under the authority of Lewis E. Aubrey, State Mineralogist, with the actual compilation by A. W. Vogdes, Lt. Col., Artillery Corps, USA⁴). This work was both an updating of Rowell's list and an expansion which included a bibliography of the geology and mineral resources of the state and a listing of the geologic maps of the state. A comparison of the first twelve pages of Rowell's work (through his section "Southern California") and the 1904 work shows Vogdes added only four maps published before 1887, the date of Library Bulletin No. 9. Of the added four, one was the 1884 edition of the Postmaster General's post route map of California and Nevada, originally issued in 1883, which Rowell had noted. The other three were route or sketch maps of 1847 and 1850 which had appeared in Congressional Senate or House documents. Some of Rowell's cited mining maps were moved to an entirely separate geological map listing in the Mining Bureau Bulletin.

The listing itself is evidence of the meticulous way Rowell approached every task. While not meeting modern standards of map cataloging because of the omission of size and other details, the entries are certainly sufficient for identification and dating purposes.

Alfred W. Newman

REFERENCES

- ¹ Kurtz, Benjamin P. *Joseph Cummings Rowell, 1853-1938*, University of California, n.d.
- ² Tyner, Judith A. *Development of the American Atlas: 1790-1980*. Occasional Paper Number 2, California Map Society, 1989.
- ³ Wheat, Carl I. *The Maps of the California Gold Region, 1848-1857*. San Francisco, The Grabhorn Press, 1942.
- ⁴ California. State Mining Bureau. *A Bibliography Relating to the Geology, Paleontology, and Mineral Resources of the State of California*. W. Shannon, Superintendent State Printing, 1904.

UNIVERSITY OF CALIFORNIA.

Library Bulletin No. 9.

LIST OF PRINTED MAPS

OF

CALIFORNIA.

[Supplement to the Report of the Secretary of the Board of Regents.]



BERKELEY.
1887.

PREFACE.

Work on this List of Maps of California was commenced in the first instance simply with the view of finding what county maps of California had been published. It was soon discovered that no fairly complete list was in existence, and that even the individual lithographers had kept no convenient available account of their map work.

Accordingly a search for maps was carried on in libraries, halls of record, railroad, real estate, bankers', and mining companies' offices, and in various state and government bureaus. Circular letters of inquiry were sent to the recorders of all counties and to the county surveyors of the counties from whose recorders no replies were received. So far as the various separately published state and county maps are concerned, the result as presented within these pages may be considered nearly complete.

Although of great historical interest, the maps by early voyagers and overland explorers have not been included, as the enumeration would have probably more than doubled the size of the bulletin; if considered of sufficient value they may form the subject of a future bulletin. Those of the former have been, I think, adequately treated in the following:

1. H. H. BANCROFT's History of the Northwest Coast, vol. 1, chap. 1-10. This contains an extended account of the progress of discovery on the coast as well as reproductions of numerous early maps.

2. JUSTIN WINSOR's The KOHL collection of early maps, belonging to the Department of State, Washington, U. S. A. This catalogue commenced publication in the Harvard University Bulletin, vol. 3, p. 171, and was subsequently issued as Harvard Library Bibliographical Contribution, No. 19. Section IX relates to the northwest coast.

The student of California geography will find the following specially useful for reference:

1. JULES MARCOU and JOHN B. MARCOU. Catalogue of geological maps of America, 1752-1881. Washington, 1884. (Published as Bulletin No. 7 of the U. S. Geological Survey.)

2. British Museum. Catalogue of maps, plans, and charts. 2 v. London, 1886. (A copy is in the University Library.)

3. RICHARD BLISS. Classified index to the maps in PETERMANN'S Geographische Mittheilungen, 1855-1881. (Commenced in Harvard University Bulletin, vol. 3, p. 344; subsequently issued as Bibliographical Contribution, No. 16.)

4. RICHARD BLISS. Classified index to the maps contained in the publications of the Royal Geographical Society and in associated serials,

1830-1883. (Commenced in Harvard University Bulletin, vol. 4, p. 47; subsequently issued as Bibliographical Contribution, No. 17.)

5. RICHARD BLISS. Classified index to the maps in the publications of the Geological Society of London, 1811-1885. (Commenced in the Boston Public Library Bulletin, vol. 7, p. 78, and not yet concluded.)

Unless otherwise stated in notes, the titles contained in this Bulletin have been copied directly from the maps themselves by the compiler, who takes this opportunity to express his sincere thanks to all who have kindly assisted in the compilation.

J. C. ROWELL.

NOTE.

The scale is denoted in statute miles, unless otherwise stated. At the end of each title is a capital in brackets, denoting the library or place where the map may be consulted. Many of the county maps can be found in libraries other than the one indicated.

A—California Academy of Sciences, San Francisco.

B—Bancroft Library, San Francisco.

C—California State Library, Sacramento.

H. R.—Hall of Records, San Francisco.

I. A.—Immigration Association, San Francisco.

L—Law Library Association, San Francisco.

M—Mercantile Library, San Francisco.

M. B.—State Mining Bureau, San Francisco.

M. I.—Mechanics' Institute, San Francisco.

O—Odd Fellows' Library, San Francisco.

R—Offices Southern Pacific Company, Fourth and Townsend Streets, San Francisco.

U—University Library, Berkeley.

The maps are arranged chronologically under the following divisions:

Western and Pacific States, page 5; California and Nevada, p. 7;

California and Oregon, p. 9; California, p. 9; Central California, p. 11;

Southern California, p. 12; Single Counties alphabetically arranged, p. 12;

U. S. Coast and Geodetic Survey Charts relating to California, p. 27.

WESTERN AND PACIFIC STATES.

1844. Carte de la côte de l'Amérique sur l'océan septentrional, comprenant le territoire de l'Orégon, les Californies, etc. Dressée par M. Duflot de Mofras pour servir à l'intelligence de son voyage d'exploration. Paris, Arthus-Bertrand, 1844. Scale 1:5,555,555 myriamètres. (O)

Note. Published also in the atlas to his Voyage.

1846. New map of Texas, Oregon, and California, with the regions adjoining. Comp. from the most recent authorities. Phila.; publ. by S. Augustus Mitchell. 1846. Scale 100 m. to 1 in. (U)

Note. Delineating emigrant routes, and distances.

1860. Territory and military department of Utah. Comp. in the Bureau of topographical engineers of the [U. S.] War department chiefly for military purposes, under the authority of Hon. J. B. Floyd, secretary of war. 1860. Scale 24 m. to 1 in.

Note. Embraces the southern Pacific states.

1863. Bancroft's map of the Pacific states. Comp. by W. H. Knight. Publ. by H. H. Bancroft and Co. S. F. 1863. Scale 24 m. to 1 in.
- *Same.* Editions of 1864, 1866, 1867, 1868, 1870.
1864. Maps of the Pacific states west of the Mississippi. Publ. by Colton. N. Y. 1864. No scale. (B)
1865. Map of California, Nevada, Utah, Colorado, Arizona, and New Mexico. Publ. by H. H. Bancroft & Co. S. F. 1865. Scale 80 m. to 1 in. (B)
- *Same.* In Clarke's New school geography. Scale 75 m. to 1 in.
1865. Colton's map of the states and territories west of the Mississippi river to the Pacific ocean, showing the overland routes, projected railroad lines, etc. Publ. by G. W. & C. B. Colton. N. Y. 1865. No scale. Size 39x25 in. (R)
1866. Outline map of the Pacific states designed to accompany Clarke's series of geographies Publ. by H. H. Bancroft and Co. S. F. 1866. Scale 24 m. to 1 in. (B)
1866. Map of parts of California, Nevada, Oregon, and Idaho territory, showing the routes to the Humboldt and Reese river mines, Surprise valley, Owyhee mines, Idaho, etc. Comp. from the latest information and comprising the results of explorations made By Lt. Col. R. S. Williamson assisted by J. D. Hoffmann in 1865, Lt. W. H. Heuer in 1866, U. S. engineers' office, S. F., 1866. Publ. with official consent by Britton & Rey. S. F. 1866. Scale 12 m. to 1 in. (R)
1866. Schönberg's map of California, Oregon, and Nevada, with part of Idaho, Utah, and Arizona. [N. Y. cop. 1866.] Scale 75 m. to 1 in. (B)
1868. Territory of the United States from the Mississippi river to the Pacific ocean. Originally prepared to accompany the Reports of the explorations for a Pacific railroad route. . . . Comp. . . . by Lieut. G. K. Warren in the office of Pacific R. R. surveys, War Dept. Recomp. and redrawn under the direction of the Chief of corps of engineers by Edward Freyhold. 1865-6²-7-8. Scale 1:3,000,000 [48 m. to 1 in.] (M)
- Note.* The original map, of which this is a revision, is published in the "Reports," v. 11.
1868. Bancroft's map of California, Nevada, Utah, and Arizona. Publ. by H. H. Bancroft and Co. S. F. 1868. Scale 24 m. to 1 in. (B)
1871. *Same.* Publ. by A. L. Bancroft and Co. S. F. 1871. Scale 24 m. to 1 in. (B)
1878. *Same.* Edition of 1878. (B)

1869. Cabinet map of the western states and territories on a rectangular projection showing the location of the gold, silver, and other minerals, the railroads and principal cities, the meridian lines. . . . Comp. from government maps and publ. by Rufus Blanchard. Chicago. 1869. Scale 60 m. to 1 in. (B)
1873. Map. Publ. by the S. F. Chronicle. Scale 40 m. to 1 in.
- 1876-7. New map of the territory of Arizona, southern California, and parts of Nevada, Utah, and Sonora. Comp. from the latest authentic data by Lt. J. C. Mallery and J. W. Ward. S. F. 1876-7. Scale 16 m. to 1 in.
1879. Maps of the territory of the United States, west of the Mississippi river. Prepared by authority of the Hon. the Secretary of War in the office of the chief of engineers, under the direction of Brig. Gen. A. A. Humphreys, chief of engineers by Edward Freyhold. 1879. Scale 1:2,000,000 [32 m. to 1 in.]. (U)
1883. Map of the territory of the United States, west of the Mississippi river. Prepared in the office of the chief of engineers, U. S. A. by W. W. Winship, D. Callahan, Louis Nell, and J. R. P. Mechlin. 1883. Scale 1:2,000,000. [32 m. to 1 in.] (U)
- [No date.] New railroad and county map of the Pacific states and territories, and the Rocky mountain region. Publ. by R. A. Tenney. S. F. [188-]. Scale about 60 m. to 1 in.

CALIFORNIA AND NEVADA.

1863. De Groot's map of Nevada territory, exhibiting a portion of southern Oregon and eastern California, with county boundaries, mining districts, railroad routes, wagon roads, table of distances, etc. Publ. by Warren Holt. S. F. 1863. Scale 12½ m. to 1 in. (U)
1863. New map of the state of California and Nevada territory exhibiting the rivers, lakes towns Also meridian, standard, range and township lines added the county boundaries and U. S. land districts. Carefully comp. from U. S. and other reliable surveys by Leander Ransom and A. J. Doolittle. 1863. Publ. by W. Holt. Scale 24 m. to 1 in. (U)
1864. Bancroft's map of California and Nevada. Comp. from the latest and most reliable official sources and special surveys. Publ. by H. H. Bancroft and Co. S. F. 1864. Scale 24 m. to 1 in. (B)
1868. *Same.* Edition of 1868. (B)
1871. *Same.* Edition of 1871. Publ. by A. L. Bancroft and Co. Scale 24 m. to 1 in. (B)
- 1864-5. Maps of public surveys in California and Nevada to accompany report of U. S. surveyor general, 1864-5. Scale 18 m. to 1 in. (B)
Note. Other editions.

1865. Topographical and railroad map of the central part of California and Nevada, comp. from railroad, U. S. public land, U. S. coast, California state geological, and from reliable private surveys, and publ. by C. Bielawski, J. D. Hoffmann, and A. Poett. 1865. Scale 4 m. to 1 in. (B)
1866. Map of public surveys in California and Nevada to accompany report of commissioner of the general land office. 1866. Scale [18 m. to 1 in.]. (L) (U)
Note. With colored indications of mineral deposits, etc.
1869. Map of the states of California and Nevada, carefully comp. from the latest authentic sources. California by J. H. von Schmidt, A. W. Keddie, and C. D. Gibbes; Nevada by C. D. Gibbes. Comprising information obtained from the U. S. coast and land surveys, state geological survey by J. D. Whitney, railroad surveys. Publ. by Warren Holt. S. F. 1869. Scale 12 m. to 1 in. (O) (M)
1876. *Same.* 1876. (U)
1882. *Same.* 1882.
Note. A new edition is in preparation.
1873. Map of California and Nevada. 1873. State geological survey of California; J. D. Whitney, state geologist. Drawn by F. v. Leicht and A. Craven. Scale 18 m. to 1 in. (U)
1874. *Same.* 2d ed. Revised by Hoffmann and Crane, and issued by authority of the Regents of the University of California, given May 12, 1874. 1874. Same scale. (U)
1878. *Same.* 3d ed. Publ. by W. D. Walkup and Co. S. F. 1878. Same scale. (U)
1887. *Same.* New ed. Publ. by W. D. Walkup and Co. S. F. 1887. Same scale.
Note. In his progress report of 1873 Prof. Whitney mentions that a smaller map of California (scale 36 m. to 1 in.) "has been engraved, without hillshading." This has not been published. Portions of the western slope of the Sierra Nevada, based on the work of the Geological Survey, are mapped in Whitney's Auriferous gravels of the Sierra Nevada, published as vol. 6 of the Memoirs of Harvard Museum of Comparative Zoology.
1878. Map of the states of California and Nevada carefully comp. from the latest authentic sources by C. D. Gibbes. . . . Publ. by Warren Holt. San Francisco. 1878. Scale 18 m. to 1 in.
1879. Map of California and Nevada, with parts of Utah and Arizona. Prepared in the office of the chief of engineers, U. S. A. 1879. Scale 24 m. to 1 in. (U)
1879. Map. Publ. by the S. F. Morning Call. Scale [about 60 m. to 1 in.]
1882. Bancroft's new map of California and Nevada. Comp. from the latest and most reliable official sources and special surveys. Publ. by A. L. Bancroft and Co. S. F. 1882. Scale 12 m. to 1 in. (B)

1884. *Same.* Edition of 1884.
1883. Post route map of the states of California and Nevada, showing post offices with the intermediate distances between them and mail routes in operation on 1st December, 1883. Publ. by order P. M. Gen. Walter Q. Gresham. Under the direction of C. Roeser, Jr., topographer P. O. Dept. 1883. Scale 12 m. to 1 in. (M)
1884. *Same.* 1884. (R)
Note. Other editions published.

CALIFORNIA AND OREGON.

1848. Map of Oregon and Upper California, from the surveys of J. C. Frémont and other authorities. Drawn by C. Preuss under the order of the senate of the United States. Washington City, 1848. Scale 1:3,000,000. (B)

CALIFORNIA.

1851. Map of the state of California, comp. from the most recent surveys and explorations, and comprising an accurate description of the county boundaries, according to an act passed by the legislature April 25, 1851. Also a complete delineation of the gold region, post office routes, etc. 1851. Lith. and publ. by B. F. Butler. S. F. Scale 25 geogr. m. to 1 in. (U)
1851. Newly constructed and improved map of the state of California, showing the extent and boundaries of the different counties according to an act passed by the legislature April 25, 1851, with a corrected and improved delineation of the gold region. Copied from the best and most recent surveys by J. B. Tassin. Lithogr. by Pollard and Perego. Publ. by Cooke and LeCount. S. F. Scale 24.6 m. to 1 in. Size 24x18 in. (R)
1853. Map of the state of California. Publ. by Britton and Rey, lith. S. F. Drawn and comp. from the most recent surveys by J. B. Trask. [cop. 1853.] Scale [32 m. to 1 in.] (U)
1854. Official map of the state of California, approved by an act of the legislature passed March 25, 1853. Comp. by W. R. Eddy, state surveyor general. Publ. for R. A. Eddy, Marysville, Cal., by J. H. Colton, N. Y. 1854. Scale 18 m. to 1 in. (U)
1856. California. Publ. by J. H. Colton and Co. N. Y. 1856. Scale 50 m. to 1 in. (U)
1857. Britton and Rey's map of the state of California, comp. from the U. S. land and coast surveys, the several military, scientific and rail-road explorations, the state and county boundary surveys, made under the order of the surveyor general of . . . California, and from private surveys by George H. Goddard. Completed with additions and corrections up to the day of publication from the U. S. land office and other reliable sources. Engraved by H. Steingger. [Copyright 1857.] Scale 24 m. to 1 in. (R)
Note. Title furnished by A. Steiner, chief draughtsman, S. P. R. R. Co.

- 1859.** Map of public surveys in California to accompany report of [U. S.] surveyor general. 1859. Scale 18 m. to 1 in. (B)
- Same.* 1861, 1862, 1863, 1866.
Note. Other editions not seen.
- [185-.] Skeleton map of the state of California, exhibiting the U. S. township and range lines and boundaries of U. S. land districts, the county seats and the lines of equal variation of the compass. Comp. from authentic sources for the California Academy of Natural Sciences by Leander Ransom. S. F. *B. F. Butler publisher.* n. d. Scale 40 m. to 1 in. (B)
Note. Published some time in the fifties.
- 1860.** Britton and Rey's map of the state of California issued after the adjournment of the legislature, 1860. Comp. from the U. S. land and coast surveys, the several military, scientific, and railroad explorations, the state and county surveys made under the order of the surveyor-general of California and from private surveys. Completed with add. and corr. up to the day of publication from the U. S. land office and other reliable sources. S. F. [1860.] Scale 20 m. to 1 in. (B)
- 1860.** Map of the state of California. Comp. from the most recent surveys and explorations. Containing all the latest discoveries and newest towns. By Vincent. [1860.] No scale. [About 30 m. to 1 in.] (L)
Note. With a panorama of San Francisco and Contra Costa; also a sketch map of San Francisco and vicinity.
- 1870.** Map of the State of California, showing the U. S. land districts, the county boundaries and what townships have been surveyed by the U. S. government. Prepared under the direction of John Mullan. S. F. 1870. The original drawn by R. Gibbons. Scale [about] 24 m. to 1 in. (U)
- 1879.** State of California. 1879. [Publ. by the U. S.] department of the interior, general land office. Comp. from the official records of the general land office and other sources by C. Roeser, principal draughtsman. Scale 18 m. to 1 in. (U)
- 1885.** *Same.* 1885. G. P. Strum, principal draughtsman. (U)
Note. Many other editions of this land office map.
- 1882.** Map. Publ. by the S. F. Morning Call. Scale 60 m. to 1 in.
Note. A bird's-eye view (undated) has been issued by the same newspaper.
- 1884.** Rand, McNally and Co.'s new enlarged scale railroad and county map of California, showing every railroad station and post office in the state. Chicago, *Rand, McNally and Co.*, [cop. 1884.] In D. cover. Scale 18 m. to 1 in.
- 1886.** *Same.* Scale 22 m. to 1 in.

- 1864.** Map of the state of California, comp. expressly for the Immigration Association of California, S. F. [1884.] Scale 30 m. to 1 in. (U)
Note. There are reissues of this map.
- 1887.** Climatic Map of California. Publ. by the Southern Pacific [R. R.] Company. 1887. From map prepared under the direction of Brig. Gen. H. C. Wright, Chief of Eng'rs U. S. A. Compiled by E. McD. Johnstone. Lith. H. S. Crocker & Co., S. F., Cal. Scale 32 m. to 1 in. (U)
- [No date.] Cram's new railroad and township map of California, showing latest government surveys. Publ. by George F. Cram, 264 Wabash Ave., Chicago. [n. d.] Scale 28 m. to 1 in.

CENTRAL CALIFORNIA.

- 1849.** A correct map of the bay of San Francisco and the Gold Region from actual survey June 20th, 1849, for J. J. Jarves, embracing all the new towns, ranchos, roads, dry and wet diggings, with their several distances from each other. Published by James Munroe & Co. 134 Washington St. Boston. Scale 10 m. to 1 in. (F. Russ.)
- 1849.** Sketch of General Riley's route through the mining districts, July and August, 1849. Copied from the original sketch by Lt. Derby in the office of the 10t. military department by J. McH. Hollingworth, ass't. Scale 10 geogr. m. to 1 in. (B)
- 1868.** Township and county map of [east] central California, exhibiting the U. S. land surveys, schools, land districts, post offices, roads, etc. Drawn and publ. by A. J. Doolittle. San Francisco and Nevada City, Cal. 1868. Scale 2 m. to 1 in. (U)
Note. Comprises the counties of Butte, Sierra, Nevada, Yuba, Placer, El Dorado, and Sacramento.
- 1868.** Holt's map of the Owen's river mining country, comp. and drawn from the most reliable information by Arthur W. Keddie. Publ. by Warren Holt. S. F. 1864. Scale 5 m. to 1 in. (U)
Note.—Comprising present counties of Mono, Inyo, and eastern Fresno.
- 1869.** Bancroft's map of central California. Comp. by W. H. Knight. Publ. by H. H. Bancroft and Co. S. F. 1869. Scale 12 m. to 1 in. (B)
- 1867.** Map of the region adjacent to the bay of San Francisco. 1867. State geological survey of California; J. D. Whitney, state geologist. Scale 2 m. to 1 in.
- 1868.** *Same.* 2d ed. 1868. (U)
Note. Embraces in whole or in part the counties of San Francisco, San Mateo, Santa Clara, Santa Cruz, Alameda, Contra Costa, Solano, Sacramento, Napa, Sonoma, and Marin:—the territory covered by sheet III of the 1873 map of central California.
- 1871.** Map of central California, by the State geological survey. First sheet (S. W. quarter). Scale 6 m. to 1 in. 1871.
Note. Title furnished by Hon. John T. Doyle.

1873. Topographical map of central California, together with a part of Nevada . . . State geological survey of California; J. D. Whitney, state geologist. 1873. Scale 6 m. to 1 in.

Note. Nevada is taken from Clarence King's survey. The sheets are numbered III and IV, being the southeast and southwest sections. Sheet II, the northeast section was reported by the State geologist (in 1873 and again in 1877) to be completed; and the northwest section to lack but one season's work. Neither have been published.

SOUTHERN CALIFORNIA.

1861. [M. H.] Farley's map of the newly discovered tramontane silver mines in southern California and western New Mexico . . . together with the most practicable route thereto, and a correct table of reference, embracing distances, etc. Comp. from the official maps in the U. S. surveyor general's office, from the surveys of the U. S. and California boundary commission and from his own private explorations. I. H. Wildes, draughtsman. Publ. by W. Holt. S. F. [cop. 1861.] Scale 18 m. to 1 in. (B)

1886. Map of a part of southern California, accurately compiled from plats of U. S. land surveys, county records and other reliable sources by [C. H.] Howland and Koeberle, surveyors and draughtsmen, Los Angeles, Cal. 1886. Scale 4 m. to 1 in. (U)

Note. Comprises the counties of San Diego and Los Angeles and portions of San Bernardino, Kern and Ventura counties.

SINGLE COUNTIES.

Alameda.

1857. Official map of the county of Alameda. Surveyed and comp. by order of the board of supervisors by Horace A. Higley, county surveyor. April, 1857. Scale $1\frac{1}{2}$ m. to 1 in. (Britton & Rey, lith.)

Note. The unpublished original drawing by M. G. King is on a scale of $\frac{1}{2}$ of a m. to 1 in.

1874. Official map of Alameda county, California, compiled from official surveys and records and private surveys and published by authority of the board of supervisors of Alameda county by G. F. Allardt. 1874. Scale 40 chains, or $\frac{1}{2}$ m., to 1 in. (Britton, Rey & Co., lith.) (U)

1880. Oakland Daily and Weekly Tribune map of Alameda county. Comp. from the most reliable surveys and corr. to date by M. G. King. 1880. Scale $1\frac{1}{2}$ m. to 1 in.

Alameda. Oakland township.

- [1853?] Map of the ranchos of Vincente and Domingo Peralta, containing 16,970.68 acres. Surveyed by Julius Kellersberger. [1870.] Scale 20 ch. to 1 in.

Note. The original *drawing* was made in 1852 or 1853, and was filed in the county clerk's office in 1857.

- 1859.** Official map of the city of Oakland, drawn and comp. from records and surveys [by J. E. Whitcher.] 1859. Scale 200 ft. to 1 in.
Note. This is the only official map published. In 1860 a reproduction of this map was made, on a scale of 600 ft. to 1 in. The 1860 map has a border of illustrations of residences, etc. " — — — denotes squatter's possession"!
- [**1860?**] Complete map of Oakland. Respectfully dedicated to the citizens of Oakland by J. Kellersberger, surveyor. [No date.] Scale about 600 ft. to 1 in. (U)
Note. Embraces only that part of Oakland bounded by Market and 14th streets, and the estuary. Executed probably about 1860.
- 1868.** Map of Oakland and vicinity showing plans of sts. as established and proposed. Comp. from official surveys and records of the county. W. F. Boardman, city and county surveyor. 1868. [Scale 1,000 ft. to 1 in.]
- 1876.** Map of Oakland, Alameda, and vicinity showing plans of streets as opened and proposed. Comp. from the most reliable public and private surveys. Publ. by M. G. King. Oakland. 1876. No scale. (U)
- 1878.** Map of Oakland township, city of Oakland and vicinity Comp. by M. G. King. Publ. by Woodward and Taggart 1878. Scale 800 ft. to 1 in.
Note. A "Berkeley" edition, on a smaller scale, also was published in 1878.
- 1884-5.** Map of Oakland, Berkeley, and Alameda. William J. Dingee, agent for the purchase of real estate, Oakland. M. G. King, surveyor. [cop. 1878.] Scale about $\frac{1}{2}$ m. to 1 in. (U)
- 1881.** Bird's-eye view of Oakland. 1881. Publ. by the Times Company.
Note. Another bird's-eye view was published by M. H. Mihills, about 1876.
- [**1887.**] Bird's-eye view of Oakland and vicinity, Alameda county, Cal. Specially prepared and presented by the Oakland Tribune. [Jan. 1887.] No scale. (U)
Note. Anticipates projected improvements of the waterfront.
- [**No date.**] Map of the towns of San Antonio and Clinton, now called Brooklyn, showing part of the town of Oakland. [No compiler, publisher, nor date.] Scale 350 ft. to 1 in. (R)
- Alameda. Alameda town.**
- 1854.** Map of the town of Alameda and adjacent lands. Comp. from surveys and maps made by J. E. Whitcher, Benj. E. Jones, James T. Stratton, and Horace A. Higley, Alameda county surveyors, and includes the town of Alameda as incorporated by the legislature of California, April 19, 1854. 1854. Scale 300 ft. to 1 in.
Note. A new map of the town is in preparation. 1887.
- Alameda. Berkeley town.**
- [**1880.**] Map of Berkeley publ. by Carnall and Eyre, dealers in Berkeley real estate. Comp. by Joseph Smith, Oakland, from the records of Alameda county. [1880.] Scale 1,000 ft. to 1 in. (U)

Amador.

1866. Official map; by J. M. Griffith. 1866. Scale $1\frac{1}{2}$ m. to 1 in. (Britton and Rey, lith.)
1881. Official map of Amador county, California. Compiled by J. A. Brown, county surveyor. 1881. Scale 60 chains to 1 in. (Bosqui Co., lith.) (U)

Butte.

1862. Map; by J. S. Henning. 1862. (B)
1877. Official map of the county of Butte, California. Carefully compiled from actual surveys. Published by James McGann, U. S. dept. surveyor. 1877. (Britton, Rey & Co., lith.) [Scale 1 m. to 1 in.] (U)
1886. *Same.* 1886.
Note. Northern Butte is mapped topographically on Lassen Peak sheet publ. by the U. S. Geological survey, J. W. Powell, director. 1886. Scale about 4 m. to 1 in.

Calaveras.

1864. Map of the copper mines of Calaveras county. From actual survey and measurement. Surveyed and drawn by Handy and Wallace. S. F. 1864. Scale 1 m. to 1 in. (B)
Note. "A private map, made about 1874, was drawn by A. B. Beauvais, very incomplete. A new map soon to be made."—*H. H. Saunders, Co. Surveyor.*
- [No date.] Map of mines and gold mining locations Calaveras county, Cal. By Capt. J. Beck and E. T. Bacon. No date. Scale nearly 1 m. to 1 in.
Note. Title furnished by H. W. Turner of the U. S. Geological survey.
- [No date.] Map of a survey of the Mokelumne hill canal, and a reconnaissance of the adjoining country by George Goddard, C.E. [No date?] Scale nearly $1\frac{1}{2}$ m. to 1 in.
Note. Title sent by H. W. Turner.

Colusa.

1874. Official map, comp. and drawn from official surveys by J. B. De Jarnatt. Approved February session, 1874. Scale 100 ch. to 1 in. (R)
1885. Official map of Colusa county, California. Compiled and drawn from official surveys and records by De Jarnatt and Crane, searchers of records, Colusa, Cal. Approved December, 1885. Scale 100 chains to 1 in. [Britton and Rey, lith.] (U)

Contra Costa.

1871. Topographical map of Contra Costa county, comp. for the board of supervisors from the state geological and U. S. surveys. 1871. Scale 1 m. to 1 in. [Britton and Rey, lith.]

1885. Official map of Contra Costa county, California. By T. A. McMahon, county surveyor, and Wm. Minto, civil engineer, in accordance with an order of the honorable board of supervisors, dated February 4, 1885. Lith. Britton and Rey. Pub. by T. J. Leary, S. F. Scale 40 chains to 1 in. (U)

El Dorado.

1873. Map of Georgetown divide, El Dorado county, showing also portions of the Placerville and Forest Hill divide, with the ditches, mines, etc., of the California Water Co. By Amos Bowman. 1873. Scale 1 1-7 m. to 1 in. (U)

Note. Accompanies Bowman's Report on the properties of the California Water Company. 1874.

Fresno.

1874. Map of Fresno county, California. Compiled from the U. S. township maps, the geological surveys, and other authorities. By George H. Goddard, C. E., 1874, for Dixon and Faymonville, Millerton, Fresno co. (Britton, Rey & Co., S. F.) Scale [4 m. to 1 in.]. (U)
1885. Map of a portion of Fresno county . . . showing some of its principal irrigating canals, colonies, vineyards, and orchards. Publ. by M. Theo. Kearney. S. F. 1885. No scale. Size 25x20 in. (U)
1885. Map of colonies surrounding Fresno [city], by Shepard and Teilman. 1885.
1886. Official map of Fresno county, California. Comp. from official surveys and records by J. C. Shepard, C. E. 1886. Drawn by J. C. Henkenius. Scale 1½ m. to 1 in.
1886. Official map of Fresno county. Comp. from official surveys and records by J. C. Shepard and H. B. Choice, civil engineers. 1886. Scale 3 m. to 1 in.

Humboldt.

1865. Official township map; drawn and published by A. J. Doolittle. 1865. Scale 2 m. to 1 in. (G. T. Brown, lith.) (L)
1886. Official map of Humboldt county, California. Compiled and drawn by Stanly Forbes, 1886. . . . Scale 2 m. to 1 in. (Britton & Rey, lith.) (L) (U)

Inyo.

1882. Official map, by J. B. Treadwell. 1882. Scale 4 m. to 1 in.
1884. [Official] map of the county of Inyo, state of California. Carefully compiled by J. B. Treadwell, U. S. dep. surveyor, from . . . surveys by Joseph Seely, co. surveyor. 1884. Approved . . . Nov. 17, 1884. Scale 4 m. to 1 in. (U)

- [No date.] Mining map of Inyo county by J. M. Keeler. n. d. Scale [12 m. to 1 in.] (M B)

Note. See also maps of Central California.

Kern.

1875. Official map of Kern county, California. Compiled from official surveys and records by Ferd. von Leicht and Chas. Kaufman, civil engineers. 1875. Scale 3 m. to 1 in. (Britton, Rey & Co., lith.) (U)

Lassen.

Note. Lassen county is topographically mapped by the U. S. Geological survey, J. W. Powell, director, 1886, as follows: n. e. portion on Alturas sheet, n. w. portion on Modoc Lava-bed sheet, w. portion on Lassen Peak sheet, and s. e. portion on Honey Lake sheet. Scale about 4 m. to 1 in.

Los Angeles.

1877. [Official] map, by J. H. Wildy and A. J. Stahlberg. 1877. Scale 2 m. to 1 in. (J. Bien, lith.)
1885. Map of the county of Los Angeles and parts of San Bernardino and San Diego co's., California, by H. J. Stevenson, U. S. dept. surveyor. 1885. Scale 6 m. to 1 in. (Britton & Rey, lith.)

Los Angeles city.

1857. Map of the city of Los Angeles showing the confirmed limits. Surveyed in August 1857 by Henry Hancock, U. S. dep. sury. *Includes* Plan a la ciudad . . . surveyed by E. O. C. Ord, Lt. U. S. A., and Wm. R. Hutton. 1849. Scale $\frac{1}{8}$ m. to 1 in.

Los Angeles and San Diego.

1869. 1885. Map of private grants and public lands adjacent to Los Angeles and San Diego. Comp. from official surveys and publ. by Clinton Day, June, 1869. Revised 1885. S. F., *Britton and Rey, lith.* 1885. Scale 4 m. to 1 in. (M 1)
- Note.* The 1869 map is on the same scale.

Marin.

1873. [Official] map, compiled by H. Austin. Drawn by F. Whitney. 1873. Scale 1 m. to 1 in. [A. L. Bancroft & Co., lith.] (M B)

Mendocino.

- [1887.] Official map of Mendocino county, Mt. Diablo Md. Showing redwood belt. Drawn and comp. by N. B. Brakenridge, San Francisco. [No date.] Scale 2 m. to 1 in.

Merced.

1874. Official map, comp. by Mark Howell. Drawn by F. von Frankenberg. 1874. Scale 80 ch. to 1 in. [A. L. Bancroft & Co., lith.]

Modoc.

Note. The Alturas and Modoc Lava-bed atlas-sheet maps, now publishing by the U. S. Geological survey, cover Modoc county. Scale nearly 4 m. to 1 in.

Mono.

1870. Map of Bodie mining district, comp. from the latest authentic data by Henry Phillips, and drawn by Wm. P. Humphreys. 1870. Scale 400 ft. to 1 in. (C)

Note. Title furnished by Talbot H. Wallis.

1880. Map of Bodie mining district, Mono county, California. Surveyed and compiled by C. L. Anderson, and illus. and publ. by Edward Eysen. 1880. Scale 300 ft. to 1 in. (C)

Note. Title furnished by Talbot H. Wallis.

Monterey.

1877. Map of the county of Monterey. Compiled and drawn by St. John Cox. Approved and declared . . . official, Feb. 9, 1877. Scale [2 m. to 1 in.]. Publ. by T. C. Markley, N. Y. (U)

Napa.

1876. Official map of the county of Napa, comp. by George G. Lyman and S. R. Throckmorton, Jr. 1876. Scale 1 m. to 1 in. (M. Schmidt & Co., lith.) (U)

1881. Map of the central portion of Napa valley and the town of St. Helena. Comp. by M. G. King and T. W. Morgan from the official surveys and records of Napa county. 1881. Publ. by E. W. Woodward and Co., St. Helena. Scale 15 ch. to 1 in. (U)

Napa city.

1869. Map of Napa city and additions. 1869. Comp. and drawn by W. A. Pierce, surveyor. Scale 250 ft. to 1 in.

Note. Title sent by N. L. Nielsen, county clerk.

1879. Revised map of the city of Napa and the surroundings. 1879. Comp. and drawn by W. A. Pierce, C. E. Scale 400 ft. to 1 in.

Note. Title sent by N. L. Nielsen, county clerk.

Nevada.

1880. Map of Nevada county, California. Compiled from the latest authentic sources, showing towns, villages, roads, streams, mining ditches, and U. S. land surveys, quartz and placer mining claims, by J. G. Hartwell, county surveyor, 1880. Approved and declared . . . official . . . July 26, 1880. (W. T. Galloway, lith.) Scale 1¼ m. to 1 in. (U)

Plumas.

1886. Map of Plumas county, California, and portions of Lassen, Sierra, Nevada, Yuba, Butte, Tehama, and Shasta counties, California, and Roop and Washoe counties, Nevada. Comp. from the most authentic sources by Arthur W. Keddie, U. S. dep. surveyor. Quincy, Cal. 1886. Scale 4 m. to 1 in. (U)

Note. Published by the California Land and Timber Co. Good, though unofficial.

Note. The county is partially topographically mapped by the U. S. Geological survey, J. W. Powell, director, 1886, on Lassen Peak and Honey lake atlas sheets. Scale nearly 4 m. to 1 in.

Sacramento.

[No date.] Map of the county of Sacramento. No date. No scale. Size $20\frac{1}{2} \times 18$ in. (B) (R)

1885. Official map of Sacramento county, California. Compiled by Fred. A. Shepherd, Sacramento, Cal. 1885. Scale 60 chains to 1 in. (Britton & Rey, lith.) (U)

Sacramento city.

1854. Official map of the city of Sacramento. Comp. from actual surveys by W. S. Watson. . . . 1854. Scale 400 ft. to 1 in. (B. F. Butler, lith.) (R)

Sacramento valley.

[No date.] Mapa del valle del Sacramento. No scale. Size 18×24 in. (A) (C)

Note. A photograph of a tracing, now in possession of Melville Attwood, of Saucelito. "I think the survey was made in 1845. . . . The tracing was given to me by Mr. T. O. Larkin, upwards of 25 years ago."—M. A.

San Diego.

1883. Official map, by C. J. Fox and H. J. Willey. N. Y. 1883.

1886. Sketch map of San Diego county. Showing the position of mines and minerals referred to in the 6th Annual report of the state mineralogist of California for the year ending June 1st, 1886. Henry G. Hanks, state mineralogist. No scale. (*In the Report.*)

San Francisco.

1849. Official map of San Francisco, comp. from the field notes of the official re-survey made by Wm. M. Eddy. Entered according to act of congress in the year 1849 by Henry Reed in the clerk's office of the district court of the United States, for the southern district of New York. Drawn by Alex. Zakrzewski, ex-Polish officer. (Michelin, N. Y., lith.) Scale 550 ft. to 1 in. (H R)

Note. On maps of later date Zakrzewski appears as Zareski and Zakresi.

1849. Plan of south San Francisco. 1849. A true copy of an original map, copied at the request of O. H. Frank, county recorder, on Nov. 19th, 1875. Scale 400 ft. to 1 in. (Sarony and Major, lith.) (H R)

[185--.] Official map of the city of San Francisco. Published by LeCount and Strong. [n. d.] Scale 266 varas [nearly 295 yards] to 1 in. (L)

Note. Larkin St. forms the western boundary. Published probably early in the fifties.

1851. Complete map of San Francisco, compiled from the original map, the recent surveys of W. M. Eddy, county surveyor, also the Western Addition surveyed by S. K. Marlette, C. E. Containing all the latest extensions and improvements, new streets, alleys, etc. Respectfully dedicated to the citizens of San Francisco by Alex. Zakresi and Hartman, lithographers. 1851. Publ. by S. K. Marlette, C. E., and by Alex. Zakresi and Hartman. Scale 266 varas [nearly 295 yards] to 1 in. (L)

- 1851.** Official map of the city of San Francisco, full and complete to present date. Comp. by Wm. M. Eddy, city surveyor, Jan. 15, 1851. (B. F. Butler, lith.) Scale 800 ft. to 1 in. (L)
Note. Commonly known as the "red line" map.
- 1852.** Complete map of San Francisco compiled from the original map, from the latest surveys, containing all the latest extensions and improvements, new streets, alleys, places, wharfs, etc. Published by Cook and LeCount. 1852. Scale 266 varas [nearly 295 yards] to 1 in. (C)
Note. Title furnished by Talbot H. Wallis.
- 1852.** Map of the city and county of San Francisco. Comp. from official sources and sectionalized in accordance with U. S. surveys, by V. Wackenreuder. Scale $\frac{1}{2}$ m. to 1 in. (C)
Note. Title furnished by Talbot H. Wallis.
- 1853.** Map of the northern portion of San Francisco county. Comp. from surveys, June 1st, 1852, by Clement Humphreys, county surveyor, January 1853. Lith. by B. F. Butler, San Francisco. Scale about $\frac{3}{8}$ m. to 1 in. (L)
Note. Title furnished by Mr. F. P. Deering.
- 1853.** Topographical and complete map of San Francisco. Comp. from the original map, from the recent surveys of W. M. Eddy, county surveyor, and others, containing all the latest extensions and improvements, new streets, alleys, places, wharfs, etc. Respectfully dedicated to the citizens of San Francisco. 1853. Lith. by Alex. Zareski & Co. For sale by Cooke, Lenny & Co., San Francisco. No scale. Size 20x17 in. (L)
- 1853.** [See under U. S. Coast survey.]
- 1854.** New edition of Eddy's map, "complete to Jan. 15, 1854." (L)
- 1854.** Map of the city of San Francisco, comp. from records and surveys by R. P. Bridgens. Respectfully dedicated to the citizens by the publisher, M. Bixby. 1854. Scale 400 ft. to 1 in. (M)
- 1854.** Butler's map of the city of San Francisco, Cal. Comp. from the official map and from recent surveys, with all the improvements and additions, showing the streets . . . with the buildings carefully laid down from actual measurement, as well as the dimensions and configuration of each lot. Publ. by Nathaniel Gray. 1854. [Cop. by B. F. Butler.] Scale 300 ft. to 1 in. (M)
- 1855.** Wheeler's topographical map of San Francisco county, surveyed by Vitus Wackenreuder for Alfred Wheeler. Publ. and copyrighted by Marriott and Wheeler, S. F. 1855. Engr. by W. E. Goldsmith and E. Moody. Scale 2 m. to 1 in. (M)
Note. Embraces also what is now San Mateo county.
- 1857.** [See under U. S. Coast survey.]

1859. True and correct map of the city and county of San Francisco, California. Published by the Noisy Carriers, Jan. 1, 1859. (Bradford, Bost., lith.) No scale. Size 36x30 in. (L)
Note. The "Noisy Carrier" was Charles P. Kimball.
1859. Official map of the city of San Francisco, California. Published by Josiah J. LeCount, S. F. Approved by Geo. R. Turner, city and county surveyor. 1859. Scale 500 varas [nearly 555 yards] to 1 in. (L)
1859. [See under U. S. Coast survey.]
1860. Map of the country 40 miles around San Francisco exhibiting the county lines and correct plats of all the ranchos finally surveyed and of the public land sectionalized. Comp. from U. S. surveys by Leander Ransom. S. F. [cop. 1860.] Scale 4 m. to 1 in. (C) (R)
1861. Plot and profile of the San Francisco and San Mateo railroad. V. Wackenreuder, chief engineer. 1861. Scale $\frac{1}{2}$ m. to 1 in. (L) (H R)
Note. Includes the whole peninsula.
1863. Map of the city and county of San Francisco. Comp. from official surveys and sectionalized in accordance with U. S. surveys. Drawn by V. Wackenreuder. 1863. Scale $\frac{1}{2}$ m. to 1 in.
1863. Map of the city and county of San Francisco. Carefully comp. . . . for the S. F. News Letter and the Pacific Mining Journal by James Butler. 1863. Scale 20 ch. to 1 in. (R)
- Same.* 1864. (U)
1865. Map of San Francisco from surveys by the board of city engineers. Under and by virtue of an act of the legislature of the state of California, approved April 26, 1862. . . . [Publ. by H. H. Bancroft & Co.] S. F. 1865. Scale 400 ft. to 1 in. (B)
1866. Map of the city of San Francisco, from surveys by the board of city engineers. Under and by virtue of an act of the legislature of the state of California, approved April 26, 1862, and acts supplementary to and amendatory thereof, 1864. Made official by the board of supervisors as per order No. 684, Jan. 30, 1866. Geo. C. Potter, city and county surveyor, Thaddeus R. Brooks, board of city engineers. Scale 400 ft. to 1 in.
Note. A photographic copy is in the Law Library. Title furnished by Mr. F. P. Deering.
1868. Plat of the pueblo of San Francisco finally confirmed to the city of S. F. by an act of congress approved March, 1866. James T. Stratton, dep. surveyor. Surveyed between March, 1867, and January, 1868. [No scale.] Size 14x12 in.
1868. Bancroft's mercantile map. Comp. by Hn. Nanitz. S. F. 1868. No scale.

- [1868.] Map of the outside lands of the city and county of San Francisco, showing reservations selected for public purposes under provisions of Order No. 800 [Jan. 1868]. [No scale.] Size 28x20 in. (Britton & Rey, lith.)
1868. [See also San Mateo, 1868.]
1869. City and county map. Comp. from U. S. land and coast surveys, from the official surveys of the city, the outside lands, the tide land commission and the homestead association, by G. H. Goddard. 1869. Lith. and publ. by Britton and Rey. S. F. [No scale.] Size 28x21 in. (M B)
1869. Map of a portion of Bernal rancho [South San Francisco], including all the gift maps, Precita valley lands, etc. Comp. by John C. Colquhoun, C. E. July 1869. No scale. Size 36x30 in. (L)
1870. Official map of the city and county of San Francisco, prepared by William P. Humphreys, city and county surveyor. . . . Publ. by Britton and Rey. S. F. 1870. Scale 1,000 ft. to 1 in. (L)
- Same. 1878. (L)
- Same. Revised 1884. (U)
1872. Bancroft's official guide map of the city and county of San Francisco. Comp. from official maps in the surveyor's office. Pub. by A. L. Bancroft & Co. S. F. 1872.
1873. Same. 1873.
1876. Atlas of the city and county of San Francisco from actual surveys and official records. Comp. and pub. by Wm. P. Humphreys and Co. 1876. 63 sheets.
1877. New and improved street map of the city of San Francisco, constructed on an entirely new principle, showing: 1. The streets, avenues, courts, lanes [etc.]; their names, official grades, extent graded, house numbers, fire alarm numbers, position of U. S. mail, and Wells, Fargo & Co.'s, letter boxes, etc. 2. The public squares, parks, cemeteries, military reservations, fortifications. 3. Railroad depots, railroads, street car lines, distances in operation, ferry connections. 4. Ferry landings, wharf accommodations, names of wharves, water front improvements, etc. 5. Political wards, their size, number, and relative positions. 6. Distances of all parts of the city from Lotta's fountain. 7. General directory to the churches, halls, public schools, banks, hotels, theaters, libraries, U. S. offices, municipal offices, etc. Drawn, comp., and publ. by Fred. Thomas Newbery, C. E. 1877. [No scale.] Size 28x40 in. (C)
- Note. Title furnished by Talbot H. Wallis.
1878. [See Humphrey's 1870 map, *ante*.]

1882. Map of the city and county of San Francisco. Drawn by J. C. Henkenius. Publ. by Warren Holt. S. F. 1882. Scale 800 ft. to 1 in.
1884. *Same.* Edition of 1884. (M B)
1884. Index map of the city of San Francisco. Assessor's office, 1884. Comp. by L. P. Holtz, city and county assessor. Scale 1,000 ft. to 1 in.
Note. Many other similar index maps have been published of which I have seen those dated 1867, 1878, 1879, and 1881. The 1867 map was "arranged by V. Wackenreuder."
1884. [See Humphrey's 1870 map, *ante.*]
- [No date.] Bird's-eye view of San Francisco and surrounding country. Published by Snow and May. No scale. Size 34x48 in. (C)
Note. Title furnished by Talbot H. Wallis. To this a key was published separately.

San Francisco bay and influents.

1851. Series of charts, with sailing directions, embracing surveys of the Farallones, entrance to the bay of San Francisco, bays of San Francisco and San Pablo, straits of Carquines and Suisun bay, confluence and deltaic branches of the Sacramento and San Joaquin rivers, and the Sacramento river (with the Middle fork) to the American river, including the cities of Sacramento and Boston, state of California. By Cadwalader Ringgold, commander U. S. N. Wash. 1851. (U)
Note. With views. Six charts, drawn by Fred. D. Stuart. No scale.

San Francisco bay.

1869. Salt marsh and tide lands situated in the city and county of San Francisco . . . by George F. Allard^d, surveyor. 1869. No scale.
Note. A large number, twelve or more, of sale maps were published by order of the board of Tide land commissioners, between 1869 and 1872.

San Francisco and San Pablo bays.

- [1875?] Map of salt marsh, tide, and submerged lands of San Francisco and San Pablo bays. By T. J. Arnold, by order of the state harbor commission. No date [about 1875]. Scale 1:50,000. (O) (U)
Note. See charts of the U. S. Coast survey.

San Joaquin.

1862. Index [land] map, showing all tracts of land purchased or located upon to April 1, 1862; character of original titles. . . . Comp. from the books of the U. S. land office . . . and from surveys of D. Beaumont, G. E. Drew, Jos. P. Neall. Drawn and publ. by H. P. Handy. 1862. (B)
1870. [Official] map, compiled by John Wallace. 1870. Scale 1 m. to 1 in. (M B)

- 1883.** Map of the county of San Joaquin, California. Comp. from official sources and the books of R. E. Wilhoit, searcher of records, Stockton, Cal., by John C. Reid. 1883. Engr. by S. B. Linton, Phila. Approved and declared official. . . . Sept. 18, 1882. Scale 1 m. to 1 in. (U)

Note. Title first furnished by John E. Budd, Stockton.

San Joaquin valley.

- 1869.** Map of San Joaquin valley, from the latest and most authentic sources and from actual surveys. Drawn and publ. by M. Walthall, agent for land claimants, Stockton, August, 1869. Revised edition, Aug., 1871. Scale 12 m. to 1 in. (L)
- 1886.** California state engineering department. Topographical and irrigation map of the San Joaquin valley. Wm. Ham. Hall, state engineer. 1886. 4 sheets. Scale 3 m. to 1 in. (U)

[No date.] Map of the San Joaquin valley. Comp. and pub. by R. H. Stretch. S. F. n. d. Scale [about] 18 m. to 1 in. (B)

San Joaquin. Stockton city.

- 1861.** Map of the city of Stockton and environs, with additions and corrections to March, 1861, by Duncan Beaumont. Publ. by Kierski and Bro. Scale 200 ft. to 1 in. (R)

San Luis Obispo.

- 1874.** Map of the county of San Luis Obispo, California. Carefully compiled from actual surveys and published by R. R. Harris, county surveyor. 1874. Approved and declared . . . official . . . September, 1874. (Britton, Rey & Co., lith.) Scale 2 m. to 1 in. (U)

San Mateo.

- 1868.** Official map of San Mateo county, including the city and county of San Francisco, with all new additions of cities, towns, and villas, delineating the lines of ranches, private claims, waterworks, railroads, etc. Carefully comp. from actual surveys and publ. by A. S. Easton, county surveyor, 1868. Approved and declared to be the official map by a resolution passed Oct. 3, 1864 [*sic*] by the board of supervisors. Scale 40 ch. to 1 in. (Britton & Rey, lith.) (R)

Query: a 2d ed.?

- 1877.** Official map of the county of San Mateo, California, showing the new boundary line, and deliniating [*sic*] the lines of cities, towns, private claims, ranches, waterworks, and railroads. Carefully compiled by J. J. Cloud, co. surveyor. 1877. Drawn by Walter M. Kerr. (Britton, Rey & Co., lith.) Scale 50 chains to 1 in. (U)

See also Wheeler's 1855 map, Wackenreuder's 1861 map, and various U. S. Coast survey maps, of San Francisco.

San Mateo. Redwood city.

1871. Official map of the town of Redwood City Carefully comp
by H. S. Smith. 1871. [Scale 200 ft. to 1 in.] (R)

Santa Barbara.

- [187-?] Official surveys of ranches, etc. Comp. by W. H. Norway. No date.
(Britton & Rey, lith.) (M B)

"Probably issued prior to 1873."—Kellogg, county clerk.

1878. [Map of Santa Barbara county, California. Compiled by A. S. Cooper.
1878.]

Note. Have not seen this. Have heard that it was not printed, but photographed.

Santa Clara.

1866. Official map of the county of Santa Clara, California. Surveyed and
comp. by C. T. Healey, ex-county surveyor, 1866. Publ. by A.
Gensoul, S. F. Scale $1\frac{1}{2}$ m. to 1 in. (Britton & Rey, lith.) (U)

1884. Map; comp. for the Santa Clara valley land agency. Offices: R. L.
Higgins, Santa Clara; J. E. Fisher, San José. [cop. 1884.] Scale
[about 2 m. to 1 in]. (U)

A new map of this county is promised by Thompson and West, county history publishers.

Santa Clara. San Jose city.

1872. Map of the city of San José. Publ. by George H. Hare. San José,
1872. Comp. from official city surveys by Wm. Pieper. Scale
600 ft. to 1 in.

Santa Cruz.

No map hitherto published, but one is in preparation. The county is
included in the State geological survey's 1873 map of Central California.

Shasta.

1862. Official map of Shasta county, approved by the board of supervisors,
February term, 1862. [No compiler.] Scale 3 m. to 1 in. (R)

1884. Official map, approved by the board of supervisors, Oct. 6, 1884.
(Schmidt label and lith. co.) [No compiler. No scale.] Size
45x30 in. (L)

Note. See the following atlas sheets of the topographical map publ. by the U.
S. Geological survey, J. W. Powell, director, 1886: Shasta, Lassen Peak, Modoc
Lava-bed, Red Bluff sheets. Scale 4 m. to 1 in.

Shasta valley.

- Map, showing all agricultural lands therein . . . for sale or lease by
F. S. G. Burke. S. F. n. d. Scale 1 m. to 1 in. (Britton & Rey,
lith.)

Sierra.

1867. Map of the county of Sierra, with an indication of the courses of the ancient river channels. Comp. from surveys of James, Dodson and Jones, by Crossman and Cochrane, by request of Prof. W. P. Blake. Approved by the board of supervisors. 1867. No scale. Size 28x20 in. (R)
1874. Topographical map. Comp. from official surveys by Charles W. Hendel, U. S. depy. mineral surveyor for California. 1874. Scale $1\frac{1}{2}$ m. to 1 in. (Britton & Rey, lith.)

Siskiyou.

1887. Official map of Siskiyou county, state of California. Carefully comp. by J. M. Davidson from actual surveys. 1887. (Bancroft, lith.) Scale nearly 2 m. to 1 in. (U)
- Note.* With plans of Yreka and other towns.
- Note.* Eastern and north-central Siskiyou is topographically mapped by the U. S. Geological survey, J. W. Powell, director, 1886, on Modoc Lava-bed and Shasta atlas sheets. Scale nearly 4 m. to 1 in.

Solano.

1872. [Official] map by J. S. Henning. 1872. Scale 60 ch. to 1 in. (Britton & Rey, lith.) (M B)

Sonoma.

1867. Map of Sonoma county, California. Made and publ. by A. B. Bowers, in accordance with an act of the legislature approved 28 March, 1863. With add. and corr. to Sept. 1, 1867. 2d edition. Scale 1 m. to 1 in. (E. Fletcher, lith.) (L)
1882. *Same.* With additions and corrections to September 1, 1882. (U)
1884. [Official] map, carefully compiled from the latest authorities by R. A. Thompson. 1884. Scale 2 m. to 1 in. (Phila. lith.) (R)

Stanislaus.

1877. Map of the county of Stanislaus, California. Compiled from U. S. and county surveys and public records by G. W. Smith and P. Y. Baker, civil engineers, Visalia, Cal. 1877. (Britton, Rey & Co., lith.) Scale 80 chains to 1 in. (U)

Sutter.

1873. Official map of Sutter county, California, compiled and drawn from official surveys by J. T. Pennington, civil engineer. 1873. Scale 1 m. to 1 in. (U)

Tehama.

Official map of the county of Tehama, California. Carefully compiled from actual surveys by H. B. Shackelford and F. J. Nugent. 1878. (Britton & Rey, lith.) No scale. Size 58x35 in. (U)

Note. Northern Tehama is topographically mapped by the U. S. Geological survey, J. W. Powell, director, 1886, on Lassen Park and Red Bluff sheets. Scale nearly 4 m. to 1 in.

Trinity.

Note. Eastern and northeastern Trinity is topographically mapped by the U. S. Geological survey, J. W. Powell, director, 1886, on Red Bluff and Shasta atlas sheets. Scale nearly 4 m. to 1 in.

Tulare.

1867. Map, from surveys by Henry Chapman and J. A. Gordon. 1867. Scale 3 m. to 1 in. (Britton & Rey, lith.) (B)
1876. [Official] map by P. Y. Baker. 1876. Scale nearly 2 m. to 1 in. (I A) (R)
1883. Map of Tulare county, state of California, made by Alfred Bannister, C. E., in accordance with an order of the honorable board of supervisors, dated November 8, 1883. 1884. Scale 2 m. to 1 in. (U)

Tuolumne.

1879. Official map, by J. P. Dart. 1879. Scale 1 m. to 1 in. (A. L. Bancroft & Co., lith.)
1879. Map of the principal quartz and gravel mines in Tuolumne county, California. Taken from government surveys and mining records by J. P. Dart, M. E. 1879. Scale 1 m. to 1 in. (A. L. Bancroft, lith.) (U)

Ventura.

Note. A map is in preparation.

Yolo.

1871. [Official] map, by J. S. Henning. May, 1871. No scale. Size 51x42 in. (Britton & Rey, lith.)
- Note.* The same map is republished with same date by "Henning and Sandford."
1879. Official map of Yolo county, California. De Pue and Company, publishers and compilers, Oakland, Cal. Adopted by the board of supervisors November 6, 1879. (W. T. Galloway, lith., S. F. No scale. Size 54x54 in. (U)

Yuba.

1861. Official map of Yuba county, California. Comp. and drawn from official surveys by N. Wescoatt, co. surveyor. Scale 1 m. to 1 in. (Britton & Rey, lith.) (B) (U)

Yuba. Marysville city.

1856. Official map of the city of Marysville, Cal. Comp. by N. Wescoatt and W. S. Watson 1856. No scale. (R)

Yosemite.

1865. Map of the Yosemite valley from surveys made by order of the Commissioners to manage Yosemite valley and Mariposa Big Tree Grove, by C. King and J. T. Gardner. 1865. Drawn by J. T. G. Scale $\frac{1}{2}$ m. to 1 in. (R)

- [1867.] Map of a portion of the Sierra Nevada adjacent to the Yosemite valley from surveys made by C. F. Hoffmann and J. T. Gardner, 1863-7. Geological survey of California, J. D. Whitney, state geologist. Scale 2 m. to 1 in.

Lake Tahoe.

1874. Topographical map of lake Tahoe and surrounding country. Comp. from the best authorities by Ferdinand v. Liecht and J. D. Hoffmann. S. F. 1874. Scale 2 m. to 1 in.
1881. Topographical map of Lake Tahoe region, Sierra Nevada, California, and Nevada. U. S. geographical surveys west of the 100th meridian, expeditions of 1876 and 1877 under the command of 1st Lt. Geo. M. Wheeler, corps of engineers, U. S. army Reduced by heliogravure at Imp. royal institute, Vienna, 1881, from original on scale of 1 m. to 1 in. Scale nearly 2 m. to 1 in. (U)

UNITED STATES COAST SURVEY CHARTS.

Note. The names of persons doing triangulation, hydrography, etc., are not repeated in all cases. Work in triangulation has been done principally by R. D. Cutts, George Davidson, G. A. Fairfield, W. E. Greenwell, Capt. E. O. C. Ord, and A. F. Rodgers; work in topography by R. D. Cutts, A. M. Harrison, W. M. Johnson, J. E. Lawson, and A. F. Rodgers.

Scale is stated as indicated on the charts. The scale in *miles* may be roughly reckoned on the following basis:

1:10,000 = about 1-6 mile to 1 inch.

1:30,000 = about $\frac{1}{3}$ mile to 1 inch.

1:40,000 = about $\frac{1}{4}$ mile to 1 inch, etc., etc.

The earlier editions often present views of the coast not repeated in the later for the reason that they are now included in the Coast Pilot published by the Survey.

Most of the charts may be found also in the S. F. Free Public Library.

Coast Survey Charts.

Anacapa island, and east end of Santa Cruz island, California. Preliminary survey. Topography by W. M. Johnson. Hydrography by the party under Lieut. Comdg. J. Alden, U. S. N. 1856. Scale 1:30,000. (U)

— *Same.* 1879; corr. to 1884.

Anacapa island. Sketch by Lieut. T. H. Stevens, U. S. N. 1854. Scale [none]. (U)

Blunt's reef. *See* Cape Mendocino.

Bodega bay, California. 1862. Scale 1:30,000. (U)

— *Same.* 1864. (More complete topography.) (U)

— *Same;* corr. to 1884.

Cape Mendocino and Blunt's reef, California. 1877. C. P. Patterson, supt. Triangulation and topography by A. F. Rodgers, 1869-71. Hydrography, by C. Bradford, 1872. Scale 1:40,000. (U)

- Catalina harbor, California. Reconnaissance by the hydrographic party under command of Lt. James Alden, U. S. N. 1852. Scale 1:15,000.
Note. With a view.
- Catalina harbor and Isthmus cove, Santa Catalina island, California, 1875. C. P. Patterson, supt. Topography by A. M. Harrison and A. W. Chase, 1853, 1873. Hydrography by Comdr. C. P. Johnson, 1873. Scale 1:15,000. (U)
- Cordell bank, off Point Reyes, California. 1869. Scale 1:200,000. (U)
 — *Same*; corr. to 1884.
- Cortez bank, California. By the hydrographic party under Lieut. James Alden, U. S. N. 1853. Scale 1:10,000. (U)
- Coxo harbor. *See* Santa Cruz.
- Crescent city harbor, California. 1859. Scale 1:20,000. (U)
See also Mendocino city; St. George's reef.
- Cuyler's harbor. *See* San Clemente.
- Drake's bay, California. Preliminary chart. From a trigonometrical survey under direction of A. D. Bache, supt. 1860. Scale 1:40,000. (U)
 — *Same.* 1879; corr. to 1884.
See also Point Reyes and.
- Fort Ross cove, California. 1879. Triangulation and topography by L. A. Sengteller, 1876. Hydrography by Comdr. G. W. Coffin, U. S. N. 1879. Issued June 1881. Scale 1:6,000. (U)
- Half Moon bay, California. Preliminary chart. From a trigonometrical survey by A. F. Rodgers, asst. 1863. Scale 1:20,000. (U)
 — *Same.* [Completed topography, etc.] 1863. (U)
 — *Same.* 1879; corr. to 1884.
- Humboldt bay, California. Preliminary survey. 1858. Scale 1:30,000. (U)
 — *Same.* 1879; corr. to 1884.
- Mare island straits, California. From a trigonometrical survey under direction of A. D. Bache, supt. 1859. Scale 1:30,000. (U)
 — *Same.* Resurvey of straits by A. F. Rodgers. 1874. Scale 1:10,000.
 — *Same.* 1876; corr. to 1886. (U)

Mare island strait, California. 1876. C. P. Patterson, supt. Hydrography by the party under . . . H. C. Taylor, Lieut. Comdr. U. S. N., 1876. Scale 1:10,000.

— Same; corr. to 1884.

Mendocino bay, California. 1874. C. P. Patterson, supt. Triangulation, topography, and hydrography by L. A. Sengteller, 1871-2. Scale 1:10,000. (U)

Mendocino city harbor, California. 1854.

On same sheet are:

— Port Orford, Oregon.

— Shelter cove, California.

— Crescent city harbor, California.

Geographical positions by G. Davidson. Topography by A. M. Harrison. Hydrography by party under James Alden, Lieut. U. S. N. 1854. Scale 1:20,000.

Monterey bay, California. Preliminary chart. From a trigonometrical survey under direction of A. D. Bache, supt. . . . 1857. Scale 1:60,000. (U)

Note. The finished chart appeared in the same year. New ed. 1878; corr. to 1884.

Monterey harbor, California. . . . Published in 1852. Scale 1:40,000. (U)

Note. With view of Pt. Pinos.

— Same. Corr. to 1884.

Napa creek. *See* Petaluma and.

Newport entrance, Los Angeles county, Cal. 1878. Issued Nov. 1880. Corr. to 1886. Authorities, A. W. Chase, assist. in 1875, Lt. E. H. C. Leutze, U. S. N. in 1878. Scale 1:20,000.

Northwest coast of America. 1868. Comp. from British and Russian authorities, with add. from a reconnaissance by G. Davidson, asst. Scale 1:1,200,000. (U)

Sheet 1. Cape Flattery to Dixon entrance. •

Sheet 2. Dixon entrance to Cape St. Elias.

Sheet 3. Icy bay to Seven islands.

Note. *See* also Pacific coast; Western coast.

San Francisco, 1853.

U. S. Coast survey, A. D. Bache, supt. City of San Francisco and its vicinity, California. From a trigonometrical survey by R. D. Cutts, asst. Topography by A. F. Rodgers, sub-asst. Hydrography by the party under . . . Lieut. James Alden, U. S. N. Published in 1853. Scale 1:10,000. (A)

Note. Survey was completed by April, 1852. The interior topography is taken from Eddy's official map.

San Francisco, 1837.

U. S. Coast survey, A. D. Bache, superintendent. City of San Francisco and its vicinity, California. From a plane table survey by A. F. Rodgers, sub-assistant. 1857. Scale 1:10,000. (U)

Note. Does not embrace the entire county.

— *Same.* Surveyed by A. F. Rodgers, sub-assistant in 1857. Scale 1:10,000.

Note. Differs from preceding.

San Francisco, 1839.

U. S. Coast survey, A. D. Bache, supt. City of San Francisco and its vicinity, California. Topography by A. F. Rodgers, sub-asst. Hydrography by the party under Lieut. R. M. Cuyler, N. S. N. [*sic.*] Publ. in 1859. Scale 1:10,000. (L)

San Francisco bay, California. Upper [southern] part. From a trigonometrical survey under direction of A. D. Bache, supt. 1862. Scale 1:50,000. (U)

San Francisco bay entrance, California. From a trigonometrical survey under direction of A. D. Bache, supt. 1859. Scale 1:40,000. (U)

Note. Includes the bay, also the city, of San Francisco, and part of Marin county. With views and sub-sketch of entrance.

— *Same.* 1883; corr. to 1884.

San Francisco bay entrance, California. 1884; corr. to 1886. [From surveys made 1850-1882.] Scale 1:40,000. (U)

Note. Includes the bay, also the city, of San Francisco, and that part of Marin co. south of Mt. Tamalpais. Topography complete, and more numerous soundings than 1859 chart. Without views.

San Francisco peninsula. Reduced from surveys made by R. D. Cutts, A. M. Harrison and A. F. Rodgers, assistants between 1850 and '57, embracing the topography adjacent to the ocean and bay; and from supplementary surveys of the interior, made in 1867 and '68 by A. F. Rodgers and C. Rockwell, assts. 1869. Scale 1:40,000. (U)

Pacific Coast.

Kasler's point to point Carmel, California. *Reproduction of original sheets. [By] E. F. Dickins [and] Lt. W. T. Swinburne, 1876-1883. Issued July, 1885. Scale 1:12,000. (U)

— Point Carmel to point Pinos, California. Reproduction of original sheets. Triangulation and topography by E. F. Dickins 1876. Hydrography by Lt. W. T. Swinburne, U. S. N., 1883. Issued July, 1885. Scale 1:12,000. (U)

— Point Pinos to Bodega head, California. From a trigonometrical survey publ. in 1862. Corrected to 1886. Scale 1:200,000. (U)

Note. Includes bay of San Francisco.

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- San Francisco to point Arena, California. 1885. [From surveys made 1850-1883.] Scale 1:200,000. (U)
- Santa Monica to Pt. Conception including the Santa Barbara channel [and islands]. 1882; corr. to 1886. Scale 1:200,000. (U)
- Santa Rosa to point Buchon, California. 1886. Issued June, 1886. F. M. Thorn, supt. Scale 1:200,000. (U)
Note. See also Northwest coast; Western coast.
- Petaluma and Napa creeks, California. From a trigonometrical survey under direction of A. D. Bache, supt. . . . 1861. Scale 1:30,000. (U)
- *Same.* 1882; corr. to 1884.
- Point Conception, California. Sketch by A. M. Harrison, sub-asst. 1850. Scale 1:40,000. (U)
- Point Pinos, bay of Monterey, California. Sketch indicating lighthouse sites, by A. M. Harrison, sub-asst. 1851. Scale 1:20,000. (U)
- Point Reyes and Drake's bay, California. Preliminary survey 1855. Scale 1:80,000. (U)
- Point Sal, California. 1867. Scale 1:20,000. (U)
- Prisoner's harbor. *See* San Clemente.
- St. George's reef and Crescent city, California. . . . Benjamin Peirce, supt. 1872. Scale 1:40,000.
- *Same.* 1875; corr. to 1886. (U)
- San Clemente island, California. Southeast anchorage. From a reconnaissance in 1856 by James Alden, Lt. U. S. N. Reissued 1877. Scale 1:20,000.
- San Clemente, Prisoner's, and Cuyler's harbors, California. Reconnaissance by the hydrographic party under Lt. Jas. Alden, U. S. N. 1852. Scale 1:20,000. (U)
- *Same.* 1883.
- San Diego bay, California. From a trigonometrical survey under direction of A. D. Bache, supt. . . . 1859. Scale 1:40,000. (U)
- *Same;* corr. to 1877, 1884.
- San Luis Obispo bay and approaches, California. 1876. C. P. Patterson, supt. . . . By L. A. Sengteller, 1871-5. Astronomical observations by G. Davidson, 1852, 1874. Scale 1:20,000. (U)
- *Same.* 1876; re-issued 1879. (U)
- San Luis Obispo harbor. *See* Santa Cruz.
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- San Pablo bay, California. From a trigonometrical survey under direction A. D. Bache, supt. . . . 1863. Scale 1:50,000. (U)
Note. With two views; and a sub-sketch of the straits of Karquines.
- *Same.* Corr. to 1877; to 1882.
- *Same.* 1884. Scale 1:40,000.
- San Pedro harbor, California. Reconnaissance by the hydrographic party under Lieut. Comdg. James Alden, U. S. N. 1852. Scale 1:30,000.
- San Pedro harbor, California. Preliminary chart. 1859. Scale 1:30,000. (U)
 On the same sheet is:
 Anchorage and vicinity of Santa Barbara. Preliminary survey 1855. Scale 1:40,000. (U)
- San Pedro and Wilmington harbors, California. 1883. Scale 1:25,000. (U)
- *Same.* Issued October 1886. Scale 1:40,000. (U)
- San Simeon harbor. *See* Santa Cruz.
- Santa Barbara, California. Preliminary sketch. Topography by A. M. Harrison. Hydrography by the party under Lieut. James Alden, U. S. N. 1853. Scale 1:20,000. (U)
Note. With a view of the town and mission.
- Santa Barbara, California. 1870. Triangulation by G. Davidson and W. E. Greenwell, 1862-3. Topography by A. M. Harrison and W. E. Greenwell, 1852, 1870. Hydrography by E. Cordell, 1869. Scale 1:20,000.
Note. Without view.
- *Same.* Issued 1877; corr. to 1884.
- Santa Barbara channel, California. Preliminary chart of eastern entrance. Topography by W. M. Johnson. Hydrography by the party under Comdr. James Alden, U. S. N. 1857. Scale 1:80,000. (U)
Note. Includes sketch of point Huememe. 1857.
- Santa Catalina island. *See* Catalina. •
- Santa Cruz harbor and vicinity, California. Topography by A. M. Harrison, asst. Hydrography by the party under James Alden, Lieut. U. S. N. 1854. Scale 1:40,000. (U)
Note. With chart and view of Point Año Nuevo anchorage.
- *Same;* corr. to 1884.
- Santa Cruz, San Simeon, Coxo, and San Luis Obispo harbors, California. Reconnaissance by the hydrographic party under Lieut. James Alden, U. S. N. 1852. Scales $\frac{3}{8}$ and $\frac{1}{16}$ m. to 1 in. (U)

Shelter cove, California. 1881. Triangulation and hydrography by A. F. Rodgers, 1871. Hydrography by Lieut. H. E. Nichols, U. S. N., 1880. C. P. Patterson, supt. Scale 1:15,000. (U)

— See also Mendocino city.

Suisun bay, California. From a trigonometrical survey (1856-67), under direction of A. D. Bache, supt. Publ. in 1867. Scale 1:40,000. (U)

— Same, 1872; 1883, corr. to 1884.

Tomales bay, California. Preliminary chart. From a trigonometrical survey under the direction of A. D. Bache, supt. . . . 1861. Scale 1:30,000. (U)

— Same. 1863. (Topography completed.) (U)

— Same; corr. to 1878; to 1884.

Trinidad bay, California. Reconnaissance by the hydrographic party under . . . Lt. James Alden, U. S. N. 1851. Scale 1:26,000 (U)
Note. With a view.

Trinidad harbor, California. U. S. coast survey, Benjamin Peirce, supt. 1873. Triangulation and topography by A. F. Rodgers, asst. in 1870. Hydrography by G. Bradford, asst. in 1872. Astronomical observations by G. Davidson, 1853. Scale 1:15,000.

— Same. 1874; corr. to 1884.

— Same; corr. to 1886. (U)

Western coast of the United States. Reconnaissance . . . from Monterey to the Columbia river by the hydrographic party under the command of W. P. McArthur, Lieut. U. S. Navy and asst. U. S. Coast survey, and W. A. Bartlett, Lieut. U. S. Navy, asst. Publ. in 1850. Three sheets. Scale about 1:900,000.

Note. With views. Extremely rare; I have seen 3d ed. only.

Western coast of the United States. Reconnaissance . . . by the hydrographic party under the command of Lieut. James Alden, U. S. N., asst. Geographical positions by G. Davidson. 1853-4-5. Scale 1:1,200,000.

Sheet 1. San Francisco to San Diego. 1853.

Sheet 2. San Francisco to Umpquah river. 1854.

Sheet 3. Umpquah river to the boundary. 1855.

Note. With views. Numerous corrected editions of these maps exist. The U. C. library has editions of: Sheet 1. 1878, corr. to 1885. Sheet 2. 1854; 1878, corr. to 1885. Sheet 3. 1855, corr. to 1870, to 1885. "Umpquah," "Umquah" are variations in spelling.

Note. See also Northwest coast; Pacific coast.

Wilmington harbor. See San Pedro and.