AMERICAN SOCIETY
OF
CIVIL ENGINEERS.

CATALOGUE OF THE LIBRARY
JUNE, 1900

Prepared by the Secretary
under the direction of
The Library Committee

House of the Society, No. 220 West Fifty-seventh Street, New York City.
transportation

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INTRODUCTION.

When the Society moved into its present House, in November, 1897, the shelf room available made it possible to rearrange the Library on a basis which should provide for future expansion. In considering methods for this rearrangement it became evident that a new index was a necessity, and various plans were discussed and systems examined, one of the essentials being that the work should be carried on without interfering with the daily use of the Library.

The plan adopted provided for three separate type-written card indexes as follows:

The Classified Index, the Author Index, the Subject Index.

In the Classified Index the General Classes are indicated by capital letters (A to Z); subdivisions of General Classes are indicated by lower-case letters (a, b, c, etc.); consecutive numbers (1, 2, 3, etc.) are used for entries under each subdivision. The books in each subdivision are brought together on the shelves. In the Card Index the arrangement is alphabetical for each subdivision. Books relating to more than one class are cross-indexed, and, owing to the fact that there are many volumes made up of pamphlets on separate subjects, it quite often occurs that a title must be catalogued in one subdivision, and placed on the shelves in another.

The Author Index is arranged alphabetically, and many duplicate entries are made therein. In order to bring together material which otherwise would be separated, the Names of Railroads, Structures, Waterways, Municipalities and Corporations are frequently used as Authors. Thus, a report relating to a railroad, water-works, or sewerage matter, is brought out under the name of the author, and also under the name of the particular corporation to which it relates.

The Subject Index is arranged under headings covering details not specifically brought out in the Classified Index. Here, for instance, is
INTRODUCTION.

brought together for ready reference, material on Rails, Ties, Ballast, Water Tanks, Locomotives, etc., to find which would require search through the books classified in the subdivisions of Railroads. This index does not pretend to bring out all material under each such heading, but is sufficiently comprehensive to save much time to one who visits the Library in search of information on specific details.

Work on these three Indexes was begun April 1st, 1898, and is now finished, more than 58,000 cards having been written. The Board of Direction has authorized the publication of a Catalogue of the Library for distribution to the membership. For this purpose the printing of the Author and Subject Indexes is not considered necessary or expedient, and this volume reproduces the Classified Index.

The general subdivisions with the necessary explanatory notes, and list of abbreviations used are given in the following pages.

There are branches of engineering work common to several of the general classes, and also subjects to determine the proper position of which a careful analysis of the whole scheme of classification is necessary. A list of such subjects has been prepared showing where general books upon them have been classified, and also giving references to other classes under which information relating to them may be sought.

CHAS. WARREN HUNT,

Secretary.

NEW YORK, JUNE, 1900.
### CLASSIFICATION

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LIST SHOWING CLASSIFICATION OF SPECIAL SUBJECTS.

The list is printed as an aid to the use of the catalogue and contains only a part of the classification of subjects which must be determined by careful study of the whole scheme, and subjects which have necessarily been classified under more than one head. When the class letters are not enclosed in parentheses, they indicate the class in which the subject is primarily classified. When no class is indicated, the subject is not classified under any head.
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EXPLANATORY NOTES.

In this Catalogue each book is indexed in its proper class under the author's name, or under the subject, or the name of a particular Structure, Waterway, Corporation, Municipality or State.

Under "Municipal Reports" (O) are classed many reports which are so general or inclusive that they cannot be placed in special classes; cross references to them, however, are given under the subjects they cover.

When the number precedes the title, the book has been placed in the class where it appears; when the class letter and number come after the title, part of a volume of bound pamphlets classed elsewhere is indicated. When the reference letter and number are enclosed in parentheses and preceded by the word "See" the entry is a cross-reference to the contents of a book indexed elsewhere.

ABBREVIATIONS USED.

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AMERICAN SOCIETY OF CIVIL ENGINEERS.

CATALOGUE OF THE LIBRARY.

RAILROADS.

RAILROADS—GENERAL.

14 ——Railroad problem: A lecture. N. Y., 1876. 19 pp., 8 x 5, pap.
— Speech on behalf of the Massachusetts Board of Railroad Commissioners, made before the Joint Standing Legislative Committee on Railways, Feb. 14th, 1872. Note: Relates to the subject of state ownership of railroads. Bost., 1873. 39 pp., 8 x 6, b. p. Abstr. p. 47.
AMERICAN RAILROAD JOURNAL AND ADVOCATE OF INTERNAL IM- PROVEMENTS. 1862-87 (vol. 1-40). (See TaS-58.)
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—Railway map of Kentucky. E. Mendenhall & A. H. Cropper, pub. 1860. (See Qt-457.)


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218 LONDON, BRIGHTON & SOUTH COAST RY. London Bridge Terminus. (Ground plan.); no place, no date. sheet. 30 x 32, cl.


445 LOUISVILLE & NASHVILLE R. R. Condensed profile. no place, 1874. Scales: horizontal, 16 miles to 1 in.; vertical, 200 ft. to 1 in.


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AD—(Continued).

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—Map of the M. N. RY., showing the lines granted by the Mexican Government to the Mexican National Construction Co., Palmer-Sullivan Concession. 1881. (See QF-412.)

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—Cotton's new railroad and township map of the state of New York; with parts of adjoining states, and Canada. 1853-57. (See Qf-441.)

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— Petition in relation to the different lines that have been surveyed in Sullivan and Broome Counties for the location of their road. no place, 1847. 17 pp., 8 x 5, b. p. no title-page. Ag-93, p. 700.

— Petition to the Legislature of the state of New York for their consent, to the end that they may connect their road with a continuation of the line thereof into the state of Pennsylvania, in the counties of Susquehanna and Pike. no place, no date. 16 pp., map, 8 x 5, b. p. Ag-1, p. 39.


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— Map showing the route of the Harlem Railroad between New York and Albany and its connection with eastern and northern railroads. 1847. (See Qf-148.)


— Prospectus. N. Y., 1864. 45 pp., 9 x 6, b. p. Ag-5, p. 571.

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— Prospectus; together with a condensed report and estimates of the engineer. N. Y., 1864. 49 pp., maps, 9 x 6, b. p. Ag-5, p. 571.

— Prospectus; together with a condensed report and estimates of the engineer. N. Y., 1864. 49 pp., maps, 9 x 6, b. p. Ag-5, p. 571.

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346—Profiles of the canals and railroads for transporting anthracite coal from the several coal fields to the city of New York. J. D. Steele. Phil., 1887. pt., 80 x 26, 5 pp.

76 NORTH SHORE RY. OF CANADA. Return to an address of the Legislative Assembly praying for copies of all reports which have not yet been submitted to this House, since Mar. 186, '78, on the location of the N. S. R., containing reports made by P. A. Peterson to Q., M. O. & O. R. Ry. Comms., on the propriety of changing the Terrebonne location of the N. S. Ry. back to the original or Bout de l'isle route. Review of W. Stanley's report on the "rival routes" of the N. S. R. by P. A. Peterson and appx. Canada-Provincial Secretory. Quebec, 1880. 34 pp., pl., maps, 10 x 7, 5 pp., p.

NORTH SIMCOE RY. Map of the N. S. R. and its connections. no date. (See Qf-46.)


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10 NORTHERN INDIANA R. R. Circular statement of the condition and prospects of the N. R. R. in N. Y., 1891. 18 pp., map, 9 x 6, 6 b. p.


238 NORTHERN PACIFIC R. R. Major-General Hazen on his post of duty in the Great American Desert, reviewed by an ex-Surveyor General. Note: A reply to a letter written by Gen. Hazen, published in the New York Tribune, in which he asserted that the country through which the N. F. & R. R. would pass was sterile and worthless. N. Y., 1874. 32 pp., 9 x 6, 6 pp.

238—Map of the country tributary to the N. F. & R.; comp. fr. English, Canadian and American official sources and original surveys. E. H. Knight. 1871. (See Qf-46.)

238—Report of the N. P. R. R., its branches and allied lines. no date. (See Qf-47.)

20 Memorial of the Board of Directors, Nov., 1887. Note: Petitions Congress for financial assistance. Hartford, 1887. 16 pp., 9 x 6, 6 b. p.

20—Its route, resources, progress and business; the new Northwest and its great thoroughfare. Jay Cooke & Co. Phil., no date. 47 pp., 9 x 6, 6 pp.

20—Railroad to the Pacific; northern route; its general character, relative merits, etc. E. F. Johnson. N. Y., 1864. ed. 2. 174 pp., pl., map, 9 x 6, 94 cf.
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88—Special report of a reconnoissance of the route for the N. P. R. R. between Lake Superior and Puget Sound via the Columbia River, made in 1869, under the direction of Jay Cooke & Co. W. M. Roberts. Phil., 1869. 51 pp., 9 x 6, 5 p.

89—Trans-continental railways of the United States; remarks on the railway convention held at Oswego, N. Y., Oct. 6th, 1870. E. F. Johnson. Hartford, 1871. 29 pp., 9 x 6, 5 p.


90 NORTHERN RY. & COAL CO. Coal lands. N. Y., 1868. 30 pp., pl., map, 9 x 6, 5 p.

90 NOVA SCOTIA, NIGUXAUS & ATLANTIC CENTRAL RY. Report to the Provincial Secretary of Nova Scotia on the survey and proposed construction of the N. S. N. & A. C. Ry. Martin Murphy. no place, 1873. 30 pp., 9 x 5, 5 p. no title page.


92—Report of the Chief Engineer on the survey of a railroad from Ogdensburg to Lake Champlain. E. H. Brodhead. 1861. (See Ab-5, p. 875.)

93—Report of the Commissioners appointed to cause a survey to be made of the several routes for a railroad from Ogdensburg to Lake Champlain. Albany, 1871. 115 pp., map, 9 x 5, 5 b. p.

93—Report of the New York State Committee on Railroads on the subject of bridging Lake Champlain at Rouse’s Point, Jan. 30th, 1861. no place, 1873. 114 pp., map, 9 x 5, 5 b. p.

94—Statement in regard to bridging Lake Champlain. ... Gen. Davis’ speech against a bridge, etc.; with an appendix. Troy, N. Y., 1861. 14 pp., 9 x 6, 5 b. p.

95 OHIO. New map of the state of Ohio; exhibiting the sections, fractional sections, townships, cities, villages, post-offices, railroads, canals, turnpikes and plank roads. E. Mendelhau & Co. pub., 1853. (See qfd-352.)

95—Railroad and township map of the state of Ohio. J. H. Colton, pub. 1864. (See Ag-6, p. 229.)

95 OHIO & MISSISSIPPI R. R. Geographical, geological and statistical relations of the O. & M. R. R. E. D. Mansfield. no place, no date. 82 pp., 9 x 6, 5 b. p.


96 OHIO & PENNSYLVANIA R. R. Exhibit of the affairs of the O. & P. R. R. Co. Pittsburgh, 1859. 39 pp., map, 9 x 5, 5 b. p. Ag-8, p. 46.

96—Report of the Chief Engineer to the President and Directors; 1st-4d: 1849-50. (1864-5, pp. 87 and 112.)

97 OREGON. Indexed map, showing the railroads in the state. Rand, McNally & Co. 1876. (See qf-410.)


98 PACIFIC R. R. Address to the Board of Directors of the P. R. R. Co., at their first meeting, January 23rd, 1866: and also a memorial to Congress, and the act of incorporation. Thomas Allen. St. Louis, 1860. 45 pp., 8 x 5, 5 p.

99—Highway to the Pacific; grand national central highway; speech on introducing a bill for the construction of a grand national central highway from St. Louis to San Francisco, delivered in the Senate of the United States, Dec. 19th, 1860. T. H. Benton. no place, no date. 19 pp., 9 x 6, 5 p.
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—Statement relating to Southwest Branch, lands, bonds, etc. N. Y., 1867. 22 pp., 9 x 5, b. p. A2-317, p. 565.

PANAMA. Projecto de ferro-carril. George de Polignac. Note: From David, Costa Rica, to the city of Panama. no date. (See Q-450.)

PANAMA R. R. Map of the isthmus of Panama representing the line of the railroad, reduced and compiled from the original survey by the Crown Surveyor, Jan 5, 1857. (See Q-452.)

3 Prospectus. N. Y., 1849. 22 pp., map, 9 x 6, b. p.


144 PASADENA & MT. WILSON R. R. Scenes on the line of the Pasadena Mountains Ry.; and from oranges to snow. J. G. W. James. Pasadena, Cal., 1888. unpagd, pl., 9 x 6, pap.


90 PENNSYLVANIA & WESTERN R. R. Statement of the prospects, advantages, objects, conditions and workings of the company; 1874. Phil., 1874. 25 pp., pl., map, 9 x 6, pap.

40 PENNSYLVANIA R. R. Annual report of the Chief Engineer; 1st; 1848. (See Ag-9, p. 1.)


201 Resurvey of the Williamsport Division of the Pennsylvania R. R. G. D. Snyder. Note: Type-written copy, accompanied by photographs. 16 + 4 pp., 5 pl., 5 plot., 14 x 6, pap. no title-page.

405 PENNSYLVANIA, WILMINGTON & BALTIMORE R. R. Garden farm lands of the commonwealth. Note: A guide-book to the country through which the railroad passes. no place, no date. 30 pp., ill., map, 9 x 6, pap.

155 PEORIA & HANNIBAL R. R. Chief Engineer's report of the P. & H. R. R., containing the charter, ordinances, estimates, and condition of the road, the statistics of the country, and a map showing its location and connections. W. G. F. Ripley. Ill., 1866. 1 v., map, 9 x 6, pap.


97 PHILADELPHIA & ATLANTIC CITY RY. Prospectus. Phil., 1877. 35 pp., map, 9 x 6, pap.

PHILADELPHIA & COLUMBIA R. R. Report of the Superintendent of the railroad relative to the condition and progress of the work in 1869. (See 22-118, p. 112.)

355 PHILADELPHIA & POTTSVILLE R. R. Sketch of a railway judiciously constructed between desirable points, exemplified by a map and an appendix of facts. Egbert Hodge. N. Y., 1841. 135 pp., maps, 9 x 6, cl.

116 PHILADELPHIA & READING R. R. Catalogue of specimens of the mineral and agricultural products from the line of the railroad, of rails, etc., manufactured at the P. & R. R. R. rolling-mill, and of models of bridges in use on the line; exhibited at the U. S. Centennial Exhibition, Philadelphia, 1876. Note: pp. 35-80 wanting. Phil., 1876. 44 pp., pl., 9 x 6, pap.

975 Reading railroad: its advantages for the cheap transportation of coal as compared with other methods. Chauncey navigation and Lehigh Canal. X. Pseud. N. S. i-d. Phil., 1890. 40 pp., map, 11 x 9, pap.

—Topographical plan and profile of the P. & R. R. R., with plate illustrating stations, etc., on the line of the railroad, 1860. (See Q-461.)

378 PICTOU RY. Report as to the extension of the railway from Truro to Pictou. Allan Danforth. Halif., 1856. 40 pp., 11 x 9, pap. no title-page.

374 Report on surveys for the P. Ry., via Eastport; with some remarks on the trunk line. James Laurie. Halif., 1850. 34 pp., map, 11 x 9, pap.
34 RAILROADS—LOCATION.

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PITTSBURG RAILROAD & COAL CO. Charter and amendments of the P. R. & C. Co.; together with a report on their coal lands and other property, and a plan of organization. St. Louis, 1884. 19 pp., 8 x 5, pap.

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POTS.D.A. & WATERTOWN R. R. Exhibit; with a map showing its relations to other and connecting lines of railway; June 1st, 1864. N. Y., 1864. 16 pp., map, 9 x 6, b. p. Af-5, p. 958.


PROVIDENCE, R. I. Map showing the re-arrangement of the railroad stations and tracks in the city of Providence, proposed by the Commissioners of the Cove Lands, 1873. S. E. Cushinig. (See QF-488.)


PRUSSIA. Normalen zu Vorarbeiten für Eisenbahnanslagen im Königreich Preussen. 1871. 62 pp., 10 x 7, pap.

—Post- und Eisenbahn-Karte von dem preussischen Staate und dem angrissenden Ländern. 1866. (See QF-522.)


QUEBEC HARBOR COMMISSIONERS. Quebec railway and harbor works. no place, 1879. 13 pp., map, 10 x 6, pap.

QUEBEC, MONTREAL, OTTAWA & OCCIDENTAL RY. Proposed railway ferry over the St. Lawrence, connecting the Q., M., O., & O., and the Intercolonial Railways. No. 9. Note: Drawing No. 1, wanting. sheet, 10 x 9, pap.

QUEENSCLAND, AUSTRALIA. Queensland railways; Central and Northern Divisions. Circular, No. 2. Plan, section, bridges, general drawings. Robert Ballard. no place, 1884 (?). Unpaged, 12 x 10, od.

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RHEINISCHE EISENBAHN. Übersichtskarte der Rheinischen Eisenbahn und ihrer Nachbarbahnen. no date. (See QF-455.)

RIASHK-VIASMA R. R. Collection of views taken along the route of the R.-V. R. R. no place, no date. 36 pp., phot., 14 x 16, clo. no title-page.

—Profile of main line. Note: Text in Russian. no place, no date. 3 v., 18 x 9, clo.

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ROCK ISLAND & PENOCIA R. R. Statement of the condition and prospect of the company, with a copy of the trust mortgage, etc. July, 1856. Rock Island, 111., 1856. 11 + 1 pp., 8 x 6, pap.


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—Coste's list of the railroad companies of Russia. no date. (See QF 406.)


110 —Acts concerning the bonds and stock, the railroad and lands. N. Y., 1884. 12 pp., 9 x 6, pap.


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2 —Address to the Board of Directors of the B. & O. R. R. Co. upon his re-election as President of that company, Dec., 1855. J. W. Garrett. Bilt., 1855. 23 pp., 8 x 5, b. p.

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273 —Testimony taken before a Special Committee of the House of Delegates of the Maryland Legislature under an order passed on the 23d Jan., 1893, to inquire into the allegations of discriminations against the citizens of Maryland by the B. & O. R. R. Bilt., 1893. 50 pp., 8 x 5, b. p.

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344. CHESAPEAKE & OHIO R. R. Chesaapeake & Ohio R. of Virginia and West Virginia, between the Seaboard and the West, with information concerning its agricultural, mineral and mechanical resources, extended coal and iron deposits, medicinal springs, scenery and summer resorts, and the opportunities for settlement and the employment of capital and labor in various industries along its line. May, 1874. Richmond, Va. 76 pp. 9 x 6, (unpaged.)


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— Testimony of George R. Blanchard before the Committee appointed to investigate alleged abuses in the management of the railroads of the State, October 17th to 26th, 1879. 1890. (See Ah-58.)

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58 NORTHERN CENTRAL RY. Articles of Association and by-laws adopted by the Board of Directors, Feb. 15th, 1866. Balt., 1866. 32 pp., 8 x 5, b. p. Af-11, p. 337.

83 NORTHERN R. & R. Address before the Merchants’ Exchange of Buffalo, N. Y., on the Great Northern Transportation Route between the Atlantic and Pacific. S. G. Guthrie. Buffalo, 1866. 11 pp., map, 8 1/2 x 6, pap.

93—Great Northwest: A guide-book and itinerary for the use of tourists and travellers over the lines of the N. & R. R., the Oregon & California R. R. H. J. Winzer. N. Y., 1865. 276 pp., pl. map in pocket, 7 1/2 x 6, cl.

88 Remarks of the President of the N. P. & R. Co. before the Senate Committee on Public Lands, Jan. 30th, 1866. W. H. Harris. no place, no date. 8 pp., 8 1/2 x 6, pap.


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58 OHIO & MISSISSIPPI R. General rules for the Conductors and Engineers. 16 pp., 7 x 5, cl. no title-page.

25—Memoranda of operations on the O. & M. R. R.: made while serving as Vice-President and Superintendent of the Company, 1862-63. W. J. McAlpine. 2 v., 18 x 7, 1b. no title-page. manuscript.

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251—Public sale of 125,471.73 acres of selected farming, timbered and mineral lands on both sides of main line and Southwest Branch of P. & R. R. in tracts of 40 acres and upwards, sale to commence Oct. 3d, 1869, at Court House in St. Louis City, St. Louis, 1865. 57 pp., map, 8 x 6, pap.

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98—Organization for conducting the business of the Road; adopted by the Board of Directors, Nov. 3rd, 1859. Phil., 1859. 16 pp., 9 x 6, pap.


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326—Pennsylvania's industries and railroad policy: An address delivered before the Legislature of Pennsylvania, at Harrisburg, on Monday evening, Apr. 19th, 1889. Andrew Carnegie. no place, no date. 40 pp., 9 x 6, pap.

149—Reasons of the Board of Directors for declining to offer to purchase the main line of the new works; with a copy of the act of Assembly authorizing the sale. Phil., 1884. 20 pp., 9 x 6, pap.

97—Report of the Investigating Committee, appointed by resolution of the Stockholders at the annual meeting held Mar. 1oth, 1874. Phil., 1874. 240 pp., maps, 9 x 6, pap.

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94 Amerikansche Eisenbahnen. P. F. Kupka. 1877. (See Ae-94.)

85 Argument before the Committee on Commerce of the Senate of the United States, in opposition to the Reagan Bill, for the regulation of Inter-state Commerce, C. G. R. Blanchard. N. Y., 1879. 38 pp., 10 x 5, pap.


18 The canal and the railway, with a note on the development of railway passenger traffic, Canals and their economic relation to transportation, by Lewis M. Haupt. E. J. James. 1860. (See Cpe-28.)


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4 Chemins de fer des États-Unis. Emili Maltez-Schrit. 1870. (See Cc-169, p. 127.)

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294 Communication and political considerations involved in the "Ann Arbor" cases; sympathetic railroad strikes. Joseph Nimmo, Jr. Wash., 1898. 9 pp., 9 x 5, pap.


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105 Interstate Commerce: Argument before the Committee on Commerce of the United States House of Representatives, Mar. 17th and 18th, 1898. Albert Pink. Wash., 1898. 36 pp., 9 x 6, pap.

135 Investigation into the cost of passenger traffic on American Railroads, with special reference to cost of mail service and its compensation. Albert Pink. Louisville, 1876. 8 + 59 + 30 pp., 9 x 6, pap.

135 Manual of railroads of the United States. H. V. Poor. 1868 to date. (See Ae-51.)


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190—Relation of the Federal Government to the railroads; or: A review of the controversy between the Post-Office Department of the United States and the railroads, in respect to the so-called postal car service. D. A. Wells. N. Y., 1874. 67 pp., 9 x 6, pap.

284—Report on the trade and commerce of the British North American Colonies and upon the trade of the Great Lakes and Rivers; also notices of the internal improvements in each state, the Gulf of Mexico, and the Straits of Florida, and a paper on the cotton crop of the United States. I. D. Andrews. (3d Cong., 1st Sess. Senate ex. doc. 115.) 1829. (See Zd-25.)

284—Report to the Lords of the Committee of Privy Council for Trade and Foreign Plantations, on the railways of the United States; and supplement. Douglas Macdon. 1827-30. (See Aa-1.)


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284—Statistics regarding the movement of eastbound and westbound traffic over the Trunk lines and connecting roads, during 1884; also showing grain receipts at and from the Atlantic cities for various periods; ocean rates, inland traffic, etc.; 1883-84. N. Y., 1884-85. 2 v., 9 x 6, pap.


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284—Railroad confederations; or, pooling organizations in the United States. 1881. (See Zd-16, Annual report, 1886-87, Pt. 2, p. 11.)


811 WESTERN MARYLAND R. R. Report of the Commissioner to investigate the affairs of the W. M. R. and the interest of the city therein, to the Board of City Council of Baltimore; together with the reports of Stephen Little and H. T. Douglas. Baltimore—City Council. Note: Second and final report. Balt., 1868. 75 + 40 + 85 pp., map, 9 x 6, cl.

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—Report on so much of the Governor’s address as relates to those railroad corporations for which the state has assumed liabilities. Mass.-Joint Special Committee on Railways. No place. 1850-1851. 96 pp., 9 x 5, b. p. A 96, p. 43.


78 WILMINGTON & READING R. R. By-laws of the Board of Directors; together with the constitution of the company. Reading. 1867. 53 pp., 9 x 5, pap.


207 YORK & CUMBERLAND R. R. Statement of the Directors upon the removal of P. J. O. Smith, from the office of President of said Company. Portland, Me., 1851. 64 pp., 9 x 5, pap.

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205 Memorial to Congress praying to be allowed to purchase five hundred thousand acres of the Government land on a credit of six years; and also asking an extension of the time to pay for the payment of the duties on certain railroad iron imported by them. (36th Cong., 3d Sess. Senate, No. 37.) Wash., 1860. 2 pp., 9 x 5, pap.

5 Report of the Committee on Naval Affairs relative to the memorial of the A., F. & G. R. R. Co., and the memorials of numerous citizens of Alabama and Florida, requesting Congress to grant the alternate sections of the public land through which the contemplated road will pass, to the said railroad company, to be used for the construction thereof. (36th Cong., 1st Sess. House rep., 260.) no place, 1860. 15 pp., 9 x 5, pap.


5 ALBANY & SCHENECTADY R. R. CO. and others. Agreement whereby the said companies are consolidated into one corporation under the name of "The New York Central R. R. Co." in pursuance of an act of the Legislature of the State of New York, entitled "an act to authorize the consolidation of certain railroad companies," passed Apr. 3d, 1858. Albany, 1858. 36 pp., 9 x 5, b. p.


190 Report of the Select Committee to which was referred petition for aid to the A. & S. R. R.; transmitted to the Legislature, Jan. 16th, 1860. N. Y.-Senate. 2 pp., 9 x 5, pap.


278 ASHTABULA, YOUNGSTOWN & PITTSBURGH R. R. First mortgage, thirty-year, seven per cent, gold bonds; with a cumulative sinking fund; interest and principal payable in New York. Pittsburgh, no date. 37 pp., maps, 9 x 5, pap.
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469 ATLANTIC & GREAT WESTERN RY., and PHILADELPHIA & READING R. R. Agreement, Jan. 10th, 1855. Note: Agreement relative to freight and passenger traffic. Phil., 1856. 12 pp., 9 x 6, pap.

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287 BEECH CREEK, CLEARFIELD & SOUTHWESTERN R. R. Arguments opening and closing, of the counsel for plaintiff; in the case of Frank McLaughlin vs. the B. C. C. & S. W. R. R. Co., and George J. Magee; in the Court of Common Pleas of Clinton County. No. 11, Jan., 1890; delivered before Robert H. Sayre, W. H. Neering and John A. Wilson, Arbitrators, at Lock Haven, Pa., July 3d, 1890. 80 pp., 9 x 5, pap.

288 —Court of Common Pleas of Clinton County. 781 January Term, 1890, testimony submitted by agreement to arbitrators. Frank McLaughlin and others. Note: Case relative to certain contracts for work in constructing the B. C. C. & S. W. R. R. no place, no date. 187 pp., 9 x 5, pap.


296 BOSTON & CHICAGO RY. TRUST CO. Bill to incorporate the B. & C. R. Co. to be presented to the Massachusetts Legislature of 1878. Bay State Transportation League. Bos., 1874. 32 pp., 9 x 6, pap.

BRAZOS & COLORADO R. R. Act to incorporate the B. & C. R. R. Co. 1889. (See Ag.7, p. 581.)

288 BUFFALO. Act to provide for the relief of the City of Buffalo and to change and regulate the crossing and occupation of the streets, avenues and public grounds in said city by railroads: Chapter 845, New York-Legislature. Note: Approved by the Governor. May 25th, 1888. Buffalo, 1888. 16 pp., 8 x 4, pap.

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170 BYTOWN & PRESCOTT RY. Act for the incorporation of a company to construct a railroad between Bytown and Prescott, 10th May, 1870, also an Act to amend the act incorporating the B. & P. R. Co., 28th Aug., 1871. Canada-Legislative Assembly. Bytown Cam., 1882. 30 pp., 8 x 5, pap.

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41 Act relative to the Commissions of Transportation; their powers and duties. Sacramento, 1876. 8 pp., 9 x 6, pap.

40 —Explanation of tables 1 to 9, hereto appended, and of Act No. 5 in the supplementory report of the Transportation Commissioners, 1878. Note: Laws of California relating to railroads. Sacramento, 1878. 18 pp., tab., 9 x 6, pap.


218 CENTRAL PACIFIC R. R. Memorial to Congress on the subject of the C. P. R. R. Missouri General Assembly. (Hos Cong, 1st Sen, Senate, misc. No. 26.) Wash., 1859. 4 pp., 9 x 6, pap.

25 —Opinions in the Pacific R. R. cases—Thurman Act; with material portions of the acts. U. S.-Supreme Court. N. Y., 1879. 66 pp., 9 x 6, pap.
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35. CHICAGO & NORTHWESTERN R. R. How will the United States Supreme Court decide the Granger railroad cases? D. A. Wells. Note: Reprinted from The Nation, Oct. 26, 1874. 19 pp., 9 x 6, b. p. 9 x 6, b. p.

36. CHICAGO & ST. PAUL R. R. How will the United States Supreme Court decide the Granger railroad cases? D. A. Wells. Note: Reprinted from The Nation, Oct. 26, 1874. 19 pp., 9 x 6, b. p. 9 x 6, b. p.

377. CHICAGO, BURLINGTON & QUINCY R. R. vs. HERMAN LEIB and others. No cases, Illinois—Grand Central Division, January Term, 1874. Appeal from Cook, no place, 1874. 23 pp., 9 x 6, b. p. 9 x 6, b. p.


CINCINNATI & SPRINGFIELD RY. Contracts and cases. 1872. (See Ab.88.)


148. CONNECTICUT. Statutes relating specially to railroads, revised and corrected; and including the laws passed at the January Session, 1878. Hartford, 1879. 717 pp., 9 x 6, b. p. 717 pp., 9 x 6, b. p.

—Statutes relating especially to railroads. Railroad Commissioners, comp. and published by the Secretary of the State, 1882. 908 pp., 9 x 6, b. p. 908 pp., 9 x 6, b. p.

9. CORNING & OLEAN R. R. and NEW YORK & ERIE R. R. Articles of agreement, no place, 1858. 36 pp., 8 x 5, b. p. 8 x 5, b. p.


220. EASTERN R. R. Argument on behalf of the E. R. R., at a hearing on the petitions of David Pingree and others and W. J. Valentine and others before the Railroad Committee of the Massachusetts Legislature, Mar. 7th, 1846. C. G. Loring. Note: The petitioners prayed that a charter be granted to a railroad company whose line would run parallel to the E. R. R. Bost., 1845. 59 pp., 9 x 6, b. p. 9 x 6, b. p.

295. —vs. Ross Winans. In equity: Evidence for complainant, in United States Circuit Court, Massachusetts District, October Term, 1852. Note: Suit relates to the alleged infringement of the plaintiff’s patent on the eight-wheel car. Bost., 1854. 1890 pp., pl., 11 x 9, 4% b. sh. 11 x 9, 4% b. sh.

296. —vs. Ross Winans. In Equity: Evidence for respondents, in United States Circuit Court, Massachusetts District, October Term, 1852. Note: Suit relates to the alleged infringement of the plaintiff’s patent on the eight-wheel car. Bost., 1854. 1890 pp., pl., 11 x 9, 4% b. sh. 11 x 9, 4% b. sh.

298. EDINBURGH & GLASGOW RY. Act for making a railway from Edinburgh to Glasgow, to be called "the Edinburgh & Glasgow Railway," with a branch to Falkirk. (1st and 2d Victoria, Sess., 1852.) no place, 1852. 170 pp., 11 x 9, 4% b. sh. 11 x 9, 4% b. sh.

283. Act to amend the act relating to the E. & G. RY. (3d and 4th Victoria, Sess., 1864.) no place, 1864. 14 pp., 11 x 9, 4% b. sh. 11 x 9, 4% b. sh.

284. —Promoters’ and Opponents’ evidence taken before the Committee on the E. & G. RY. Bill from 30th Mar. to 8th May. Glasgow, 1858. 49 v., 11 x 9, 4% b. sh. 11 x 9, 4% b. sh.
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16 ERIE & CLEVELAND R. R. Acts authorizing the Franklin Canal Co. to construct a railroad; together with the Charter of the Governor, and Proceedings of the Company; also the general railroad law of Pennsylvania; and the report of the Chief Engineer. Cleveland, 1860. 34 pp., 9 x 6, p. p.


196 — of al. v. Farmers' Loan and Trust Co. Supreme Court, City and County of New York; affidavit relative to the statements of accounts made by the Receiver and Auditor of the E. R. Co. no place, 1878. various pages, 10 x 7, p. p., no title-page.


215 — Acts incorporating the E. & N. A. R. Co., and facilitating the construction of the road; passed 1850 and 18th March, 1851. New Brunswick-General Assembly. Fredericton, 1851. 8 + 2 pp., 8 x 5, b. p.


215 — Petition of the Executive Committee of the State of Maine, to the Senate and House of Representatives of Massachusetts for aid to construct the E. & N. A. R. Portland (Me.) Railway Convention. no place, 1851. 5 pp., 8 x 5, b. p.


215 — Report of the Joint Special Select Committee, to whom was referred the petition of the Executive Committee of the State of Maine to promote the construction of the E. & N. A. R., praying assistance from the Commonwealth. Mass- achusetts-General Court. no place, 1851. 8 pp., 8 x 5, b. p.

16 FRANKLIN CANAL CO. Acts authorizing the Franklin Canal Co. to construct a railroad; together with the Charter of the Governor and Proceedings of the Company; also the general railroad law of Pennsylvania; and the report of the Chief Engineer. Cleveland, 1860. 34 pp., 9 x 6, p.

161 GALEVESTON & RED RIVER RY. Act supplementary to the act to establish the G. & R. R. R. Co. Texas-Legislature. 1882. (See Aq-7, p. 33.)

161 — Memorial praying that the G. & R. R. R. Co. may be granted the privileges of extending their railroad through the territory of the United States to the Paci- fic Ocean. Ellenden Allen and others, 38th Cong., 3d Ses. Senate, misc., No. 52.) Wash., 1864. 8 pp., 9 x 6, p.

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218 ——Copy of Second mortgage. 6 pp., 8 x 5, b. p. no title-page.

218 ———vs. Susannah Drake and others. In the Supreme Court of New York; motion enjoining the defendants from constructing a railroad on certain streets in the city of New York, denied by the Court. 80 pp., 8 x 5, b. p. no title-page.

5 ILLINOIS. General railroad law. no place, 1859. pp. 51-45, 9 x 6, b. p.

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220 ——Report on a "bill to grant to the State of Illinois certain alternate sections of the public lands, to aid in the construction of the Northern Cross and Central Railroads in said state." U. S. Committee on Public Lands (Senate). (36th Cong., 1st Sess. Senate doc., 150.) Wash., 1862. 16 pp., 9 x 6, pap.

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220 United States Circuit Court, Northern District of Illinois—Samuel H. Turriell vs. the railroads: Brief for defendants on exceptions to the Master's report. Geo. Payson. Note: Suit relates to the alleged infringement of a patent on a machine for repairing rails. 58 pp., 11 x 8, b. p. no title-page.

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10 INDIANAPOLIS & ST. LOUIS R. R. CO. and others vs. ST. LOUIS, ALTON AND TERRE HAUTE R. R. CO. Record of Case No. 6897 in Chancery in the Circuit Court of the United States for the District of Indiana; including pleadings, opinions of Judges Gresham and Drummond and deposition of witnesses. St. Louis, no date. 328 pp., 9 x 6, pap.

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200 KANSAS. Final decision after rehearing; the Wichita Wholesale Grocery Co. and others, complainants, vs. the Atchison, Topeka & Santa Fe R. R. Co. and others, respondents. Board of Railroad Commissioners. Topeka, 1892. 9 pp., 9 x 6, pap.


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8 MARIETTA & CINCINNATI R. R. Charter of the M. & C. R. R. Co., passed Mar. 8th, 1850; together with amendments thereto, to which are affixed the by-laws of the company. N. Y., 1852. 48 pp., 9 x 6, b. p.

261 MARQUETTE, SAULT STE. MARIE & MACKINAW R. R. Plaintiff's points: Statement; in New York Supreme Court, General Term. C. B. Walter and others. Note: Suits brought to determine the amount that should be paid by the Defendants for the contract to construct the M., S. Ste. M. & M. R. R. no place, 1878 (?) 11 x 11, pap., 11 x 7, pap. no title-page.


178 MEXICAN CENTRAL RY. Amendment of Articles in the Concession of Sept. 9th, 1880; granted to the M. C. Ry. Co. Mexico-Department of State, Public Works, Colonization, Industry and Commerce. no place, 1888. 21 pp., 9 x 6, pap. no title-page.

7 Further amendment of Articles in the Concession of Sept. 9th, 1880; granted to the M. C. Ry. Co. Mexico-Department of State, Public Works, Colonization, Industry and Commerce. no place, 1888. 27 pp., 9 x 6, pap. no title-page.

77 Introductory report: Massachusetts laws; Mexican concession; by-laws. 8 x 5, pap., 9 x 6, pap.

955 MEXICAN SOUTHERN RY. Charter, etc. Note: Pages after p. 64, wanting. no place, no date. 4 pp., 64, map, 9 x 6, pap.

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184 Charter for the building of a railroad between the Port of Santa Barbara and the Pacific Ocean, through the State of Oaxaca; and Power of Attorney from the Governor of that State to transfer the Charter. N. Y., 1856. 35 pp., 9 x 6, pap.

213 MICHIGAN CENTRAL R. R. Statement, reply, and amended statement; made to the Referee to whom was submitted the determination of the compensation to be paid by the M. C. R. R. Co., for the use of the tracks of the Illinois Central R. R. Co. between Chicago and Calumet. Illinois Central R. R. Co. no place, 1883. various pages, map, 10 x 6, pap. no title-page.

184 MICHIGAN, General Railroad Law of the State: An Act to provide for the incorporation of railroad companies. 1850. (See Acts, p. 97.)

27 General Railroad laws, including all laws affecting railroads passed by the Legislature of 1876; comp. by the Commissioner of Railroads. Lansing, 1875. 58 pp., 9 x 6, pap.


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MISSISSIPPI & MISSOURI R. R. Abstract, pleadings and proof, and argument by N. B. Judd and C. C. Campbell, Counsel for defendant, on final hearing. Nov. 1st, 1858. District Court of the United States for the State of Iowa. James Ward et al. vs. the M. & M. R. R. Co. Note: Plaintiff endeavors to prove that the Rock Island & Houston R. R. and others have no right to interfere with navigable navigation, 1859. (See Fd-62.)


217 MISSOURI R. R. Act to authorize the formation of railroad associations and to regulate the same; approved Feb. 4th, 1856. St. Louis, 1856. 12 pp., 9 x 5, b. p.

217—Veto message, and the Bill to secure the completion of certain railroads in the State of Missouri, with the speeches and ayes and nays. Jefferson City, 1855. 34 pp., 9 x 5, b. p.


171 MISSOURI, KANSAS & TEXAS RY. Lines of road, location, its corporate rights, franchise and property; with appendices. N. Y., 1871. 254 pp., map, 9 x 6, 6 cl.


290—Compendium of the several deeds of mortgage and trust made by said company to secure payment of its bonds; also laws of the several states through which its road passes; also Acts of Congress making a grant of land in aid of the construction of said road. Mobile, 1876. 4-74 pp., 9 x 6, b. p.

290 et al. vs. W. B. Duncan and A. F. Elliot. Circuit Court of the United States, Fifth Judicial Circuit and Southern District of Alabama: Resolutions and agree- ments of the M. & O. R. R. Co., relating to issue of bonds; filed as evidence with Master's report of Apr. 16th, 1877; no place, no date. 30 pp., 9 x 6, b. p.


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290 et al. vs. W. B. Duncan et al. United States District Court, Southern District of Ala- bama: Circuit, Justice Bradley's opinion, decree, etc., Woods, Circuit Judge, concurring. Note: Case relative to sale of the M. & O. R. R. and other proper- ties of the company under the first mortgage; and the validity of said mortgage. Mobile, 1877. 22 pp., 9 x 6, b. p.

290 Supreme Court of the United States, Nos. 870 and 1857, October Term, 1877; appeals from the Circuit Court of the United States for the Southern District of Alabama: Opinion of the Court. Morris Ketchum, and others. Note: Relative to the validity of the mortgage of 1853, of the M. & O. R. R. Co. 17 pp., 9 x 6, b. p. no title-page.


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—the Morris & Essex R. R. Co. Agreement between the companies entered into the 18th day of October, 1835. Note: Agreement insuring to the M. & E. R. R., direct communication between Newark and Jersey City, over the tracks of the N. J. R. R. & T. Co. Newark, 1855. 16 pp., 8 x 5, b. p. Ag-340, p. 31.


18 NEW JERSEY, MOHILE & TEXAS R. R. Mortgage bonds of the company. N. Y., 1871. 28 pp., map, 9 x 6, pap.

5 NEW YORK ESTATE. Act to authorize the formation of railroad corporations, and to regulate the same. Albany, 1850. 28 pp., 8 x 5, b. p.

209 — Act to provide for the construction of a railroad from Oswego to Utica; passed May 17th, 1859. 8 pp., 9 x 6, pap. no title-page.

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185 — Report of the Minority of the Select Committee on the Pro Rata Freight Bill; together with a remonstrance from the Chamber of Commerce of New York; transmitted to the Assembly, Feb. 8th, 1859. Albany, 1850. 18 + 5 pp., 9 x 5, pap.

184 — Report of the Minority of the Select Committee on the petitions and bills for imposing tolls on certain railroads; transmitted to the Senate, Feb. 8th, 1859. Albany, 1850. 18 pp., 9 x 5, pap.

18— Statutes of New York in relation to highways, bridges and ferries, with commentaries; also an appendix containing all the forms and precedents to be used under said statutes. W. S. Bishop, comp. 2d. ed. n. y. Rochester, 1847. 125 pp., 8 x 5, b. p. Ag-328, p. 629.

9 NEW YORK & ERIE R. R. and Williamsport & Elmira R. R. Articles of agreement, no place, 1855. 7 pp., 8 x 5, b. p. no title-page.

— Bill on the N. Y. & E. R. R.; truths which every citizen ought to read. N. Y., 1855. 34 pp., 4 x 7, b. p.


— Copy of mortgage to secure the payment of the bonds of the N. Y. & E. R. R. Co., for four millions of dollars; executed Mar. 1st, 1849. N. Y., 1849. 4 pp., 8 x 5, b. p.


— Opinions and decisions on the question whether the bill for conditionally releasing the N. Y. & E. R. R. Co. from the State Loan, is a majority bill of Dickson and others. Albany, 1846. 19 pp., 9 x 5, b. p.


292 NEW YORK CENTRAL R. R. Act authorizing the consolidation of certain railroad companies. N. Y.-Legislature. 1869. 4 pp., 9 x 6, b. p. no title-page.

292 — Act to authorize the consolidation of the Albany & Schenectady, Schenectady & Troy, Utica & Schenectady, Syracuse & Utica, Rochester & Syracuse, the Buffalo & Lockport, the Mohawk Valley, the Syracuse & Utica Direct, Buffalo & Rochester, Rochester, Lockport & Niagara Falls R. R. Co. Note: The companies consolidated by this act formed the N. Y. C. R. R. Co. Albany, 1859. 1 p., 10 x 7, b. p. no title-page.


5 — Agreement whereby several companies are consolidated into one corporation under the name of "The New York Central R. R. Co." In pursuance of an act of the Legislature of the State of New York, entitled "an act to authorize the consolidation of certain railroad companies," passed Apr. 3d, 1853. Albany, 1853. 37 pp., 9 x 6, b. p.

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245 NEW YORK, LACKAWANNA & WESTERN RY. CO. v. New York, Lake Erie and Western R. R. Co. State of New York, in the Supreme Court, Third Judicial Department; the Chemung Crossing case: Return on appeal from report of Commissioners to fix crossing, etc., and from order confirming the same. Contra: v. 1. Evidence, v. 2. Exhibits, Elmira, 1886. 8 v., 1184 p., map, tab., 10 x 7, skiv.

251 — v. Buffalo, New York & Erie R. R. Co. and New York, Lake Erie & Western R. R. Co. State of New York, in the Supreme Court, Fourth Judicial Department; the Erwin Crossing case: Return on appeal from report of Commissioner to fix crossing, etc., and from order confirming the same. Elmira, 1886. 396 p., pl., 10 x 7, sh.

20 NEW YORK WAREHOUSE & RAILWAY CO. Charter of the N. Y. W. & RY. Co.: Facts and figures, principally extracts from the Report of the N. Y. Warehouse Transportation Association, showing the necessity for incorporating the N. Y. W. and RY. Co. and also argument of E. M. Badden on passage of bill in the Senate, 1878. N. Y.-Legislature; no place, 1874. 19 x 25 pp., 10 x 7, psp.


17 NORTH SIMCOE RY. Act to amend the Act incorporating the N. S. RY. Co. Ontario to thrive Assembly, no place, 1874. 1 p., 9 x 7, psp.

200 — Act to incorporate the North Simcoe RY. Co. Ontario-Legislative Assembly. Toronto, 1874. 18 p., 10 x 7, psp.

188 NORTHERN CENTRAL RY. Appeal of the N. C. RY. Co. from a final decree entered by the Common Pleas of Northumberland County on the 5th day of February, 1886, in a case in equity in said Court; paper-book of Appellant. Shamokin, Sunbury & Lewistown R. R. Co. v. Northern Central RY. Co. Note: Case relates to the crossing at grade of the tracks of the N. C. RY. by the Shamokin, Sunbury & Lewistown R. R. Co. no place, 1886. 188 p., 9 x 6, psp.

205 — Appeal of the N. C. RY. Co. from a final decree entered by the Court of Common Pleas of Northumberland County in a case in equity; counter statement of Appellees. Shamokin, Sunbury & Lewistown R. R. Co. v. Northern Central RY. Co. Note: Case relates to the crossing at grade of the tracks of the N. C. RY. by the Shamokin, Sunbury & Lewistown R. R. no place, 1886. 75 p., pl., 9 x 6, b. p., 1886.

256 NORTHERN CROSS R. R. Memorial asking Congress to grant to the State of Illnois the alternate sections of land for six miles on each side of the N. C. R. R. for the purpose of completing said road. Dearborn & Illinois Assembly, 38th Cong., 1st sess. House doc. 190.) Wash., 1844. 4 p., 9 x 6, psp.

174 — Resolutions to obtain a grant of land for the construction of the N. C. R. R. Illinois-General Assembly. (38th Cong., 1st sess. Senate No. 93.) Wash., 1844. 1 p., 9 x 6, psp.


22 — Summary of the arguments made before the respective Committees on Public Lands of the Senate and House of Representatives on the legal question of the N. P. R. R. Co. George Gray. Wash., 1884. 35 p., 9 x 6, psp.

45 OHIO. Laws relating to railroads. passed during the session ending Apr. 30th, 1874. Columbus, 1874. 10 p., 9 x 6, psp.

195 — Laws relating to railroads and Telegraphs of Ohio, defining the duties of the office, etc. also the laws relating to railroads, passed at the session ending Apr. 16th, 1873. Columbus, 1873. 12 p., 9 x 6, psp.

46 — Laws of Ohio and of Congress relative to railroads and telegraphs; and charters of the various companies; with notes of decisions, etc. 1870. (See Ab-4, v. 1.)


100 PACIFIC R. R. Charter of the P. R. R. Missouri-General Assembly. St. Louis, 1861. 18 p., 9 x 6, psp.

317 — Bills creating the organisation, condition and relations of the railroad. N. Y., 1883. 75 p., map, 9 x 6, b. p.

50 — Grant of lands by the United States to the State of Missouri for railroad purposes; and acts passed by the Legislature of Missouri affecting the Southwestern Branch of the P. R. R.; also constitutional amendment limiting the amount of thirty millions of dollars. U. S.-Congress. St. Louis, 1859. 20 p., 9 x 6, b. p.
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204 —Laws, etc., concerning the Railroad and the Southwest Branch of said road: opinion of the Supreme Court upon the validity of the law for the aid of railroads; notice of the lands belonging to the company; notice of state bonds and provisions made for payment of same, etc. N. Y., 1866. 78 pp., 9 x 6, pap.

7 —Memorial of the President and Directors to the General Assembly of the State of Missouri. Jefferson City, Mo., 1862. 24 pp., 9 x 6, b. p.

34 —Speech in the Senate of Missouri, urging a grant of land to the P. R. R. Co., 1862. Thomas Allen. 7 pp., 9 x 6, 10 x 6, no title-page.

283 PANAMA R. R. Memorial to Congress in reference to the construction of a railroad across the Isthmus of Panama. W. H. Aspinwall and others. (30th Cong., 2d Sess. Senate, minute doc. 1.) Wash., 1848. 4 pp., 9 x 6, pap.


3 —Report by the Committee on Naval Affairs relative to the “memorial of Wm. A. Aspinwall, John L. Stevens and Henry Chauncey, praying aid from the Government of the United States to construct a railroad across the Isthmus of Panama.” (30th Cong., 2d Sess. House rep., No. 95,) no place, 1849. 46 pp., 9 x 6, b.


43 PENNSYLVANIA & COLUMBIA R. R. Documents referring to the controversy between the Canal Commissioners of the State of Pennsylvania and the Harrisburg & Lancaster, and the Pennsylvania R. R. Co.; with remarks upon the relative position of the state improvements and the Pennsylvania Railroad. H. Haupt, comp. Phil., 1855. 32 pp., 9 x 6, 10 x 6, pap.

44 PENNSYLVANIA R. R. CO. and Erie & Pittsburgh R. R. Co. vs. Sharpsville R. R. Co. Common Pleas Court of Mercer County, Pa., in equity; No 2 of August Term, 1871. Note: Relative to the proposed crossing near Sharpsville, on the Erie & Pittsburgh R. R. by the Sharpsville R. R. Cleveland, 1872. 24 pp., various pages, map, 9 x 6, sh.

44 —and others. Agreement. Note: Relative to the indebtedness of the Allegheny Valley R. R. Co. Phil., 1874. 9 pp., 9 x 6, 10 x 6, pap.

45 —By-laws of the Board of Directors; together with the Charter of the Company and its supplements. Phil., 1855. 32 pp., 9 x 6, pap.

47 —Charter and supplements of the P. R. R. Co. with the acts of the Assembly and Municipal acts affecting the company; together with the by-laws of the Board of Directors. Pennsylvania-General Assembly. Phil., 1858. 141 pp., 9 x 6, 10 x 6, pap.

45 —Documents referring to the controversy between the Canal Commissioners of the State of Pennsylvania and the Harrisburg & Lancaster and the P. R. R. Co.; with remarks upon the relative position of the state improvements and the P. R. R. Phil., 1855. 32 pp., 9 x 6, 10 x 6, pap.

50 —In the Supreme Court of Pennsylvania in equity: Answer and exhibits of respondents. Robert Wightman vs. R. R. Co. Pittsburg, 1854. 39 pp., 9 x 6, 10 x 6, pap.

51 —and Cleveland & Pittsburgh R. R. Co. Lease, Oct. 25th, 1871; to take effect Dec. 1st, 1871. Cleveland, 1871. 81 pp., 9 x 6, 10 x 6, pap.

165 Pennsylvania system of fast freight lines as exemplified by the Union Line and the Empire Line operating between the Atlantic cities and the great West over the Pennsylvania and the Philadelphia & Erie Railroads and the Western Railways connecting therewith; A record of facts authenticated by the official investigations and reports of the Committee of the Legislature of Pennsylvania, the Committee of the Stockholders of the Pennsylvania Railroad Co., and the testimony and report of the officers of connecting roads. Pennsylvania-General Assembly. Phil., 1877. 118 pp., 9 x 6, 10 x 6, pap.

276 PERU. Colecion de leyes, decretos, contratos y demas documentos relativos a los ferrocarriles. Lima, 1871. 3 v. in 1, 8 x 5, 14 mos.

281 PHILADELPHIA & ERIE R. R. CO. and another vs. The Catawissa R. R. Co. and others. Affidavit for defendants; in the Supreme Court of Pennsylvania, Eastern District, January Term, 1866. Phil., 1866. 14 pp., 8 1/2 in., 8 x 6, pap.


9 and the Pennsylvania R. R. Co. vs. Catawissa R. R. Co., Western Central R. R. Co. and Atlantic & Great Western R. R. Co. Proceedings and testimony of the suit between these companies, tried in the Supreme Court of Pa., 1866; and proceedings and testimony of the suit of Andrew Scott vs. the A. & G. W. R. Co., the G. C. R. R. Co. and the W. C. R. R. Co. no place, 1856. 470 pp., 9 x 6, cl. no title-page.
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203 —and Catawissa R. R. Co. against North & West Branch Ry. Co. In the Court of Common Pleas of Columbia County; Bill in equity. Bloomington, Ill., 1856. 100 pp., 9 x 6, b. p.

205 —East Pennsylvania R. R. Co. and others. Examiner's report, affidavit and exhibit in the Supreme Court of Pennsylvania. Note: Relative to the illegal issue of certain shares of stock. No place, 189, 50 + 35 pp., 9 x 6, b. p.

204 —Report of the trial of F. P. Hill, late a conductor on the P. & R. R. R. on a charge of embezzling the funds of that company in his capacity as conductor. No place, 1864. 60 pp., 9 x 6, pap. no title-page.


In the Supreme Court of Pennsylvania, in equity: Answer of defendants; and appendix to argument of defendants; laws authorizing municipal subscriptions to public works. W. P. Sharps pins and others vs. Mayor of the City of Philadelphia and others. 118 + 88 pp., 9 x 6, b. p. no title-page. Ad 96, 50 cts.


23 PITTSBURGH RAILROAD & COAL CO. Charter and amendments of the P. R. R. & C. Co., by the Illinois General Assembly; together with a report on their coal lands and other property and a plan of organization. St. Louis, 1864. 19 pp., 9 x 6, pap.


25 PORT SULLIVAN, BELTON & NORTHWESTERN R. R. Charter, organization and transfer to a general agent; together with the cost of construction, expenses of operating, and net earnings per year. Galveston, Tex., 1899. 18 pp., 9 x 6, pap.


SACKETT HARBOR & SARATOGA R. R. Memorial to the Legislature of the State of New York, asking authority to improve the navigation of lakes and rivers in New York. No place, 1862. 18 pp., 9 x 5, b. p.


10 —Indianaapolis & St. Louis R. R. Co. and others. Record of Case No. 9567 in Chancery in the Circuit Court of the United States for the District of Indiana; including pleadings, opinions of Judges Gresham and Drummond, and depositions of witnesses. St. Louis, no date. 300 pp., 9 x 5, pap.

SAN ANTONIO RY. Act supplementary to an act to incorporate the S. A. Ry. Co., approved Sept. 17th, 1870. Texas Legislature. (See Act, 7, p. 241.)


305 SEABoard R. R. Co. Charter of the S. & B. R. R. Co. of North Carolina; with report of Engineer, North Carolina-General Assembly. N. Y., 1874. 18 pp., 3 x 6, pap.

275 SELMA & GULF R. R. First mortgage, 8 per cent, gold bonds; guaranteed, principal and interest, by the State of Alabama. N. Y., 1870. 22 pp., map, 9 x 6, pap.
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189 SHAMOKIN, SUNBURY & LEWISBURG R. R. CO. vs. NORTHERN CENTRAL R. R. Co., Appeal of the N. C. R. R. Co. from a final decree entered by the Court of Common Pleas of Northumberland County on the 6th day of February, 1866, in a case in equity in said Court; paper-book of Appellant. Note: Case relates to the crossing of the tracks of the N. C. R. by the S. & L. R. R. Co. no place, 1866. 188 pp., 9 x 6, pap.

190 — Appeal of the N. C. R. R. Co. from a final decree entered by the Court of Common Pleas of Northumberland County on the 6th day of February, 1866, in a case in equity in said Court; paper-book of Appellee. Note: Case relates to the crossing at grade of the tracks of the N. C. R. by the S. & L. R. R. Co. no place, 1866. 78 pp., 9 x 6, pap., bds.

191 SMITH, H. B. Bill to provide for the construction of a national railroad between the Cities of New York and Chicago; introduced in the House of Representatives, Jan. 15th, 1872. no place, 1872. 9 pp., 11 x 8, pap.


193 SONORA RY., CO., LIMITED. Massachusetts laws; Mexican concessions; first mortgage deed; by-laws. Note: Printed in both English and Spanish. no place, 1886. 148 pp., 9 x 6, pap.

194 SOUTHERN vermont R. R. Report relative to the conveyances of the S. V. R. R. Mass.-Attorney General. (Mass., Senate No. 107, 1865.) no place, 1865. 28 pp., 10 x 6, pap.


196 SUNBURY & ERIE R. R. By-laws of the Board of Managers; together with the charter and its supplements. 1862. (See A-145.)


198 TEHUANTEPEC RY. Location, features and advantages of the company under the La Salle Grant. 1893. (See A-15.)

199 — Report to Congress on the advantages of a railroad across the Isthmus of Tehuantepec and praying that Congress, before its final action on the subject, will allow time for establishing the facts therein stated. P. A. Hargraves. (30th Cong., 3d sess. Senate, misc. No. 50.) Wash., 1849. 4 pp., 9 x 6, pap.

200 — Tehuantepec Railway, 1879; grant to Edward Learned of Pittsville, Mass., for construction of railways and telegraph lines; with control of ports on both sides of the Isthmus, June 5th, 1879. Mexico-Congress. Note: Printed in both English and Spanish. N. Y., 1879. 49 pp., 9 x 6, pap.

201 TEHUANTEPEC SHIP RY. Concession to James B. Eads for the construction of a ship railway across the Isthmus of Tehuantepec, May 28th, 1881. Mexico-Congress. Sl. Louis. 1881. 15 pp., 9 x 6, pap.

202 — Concession to James B. Eads and his associates. Mexico-Congress. Wash., no date. 77 pp., 9 x 6, pap.

203 TEXAS & LOUISIANA R. R. Act to incorporate the T. & L. R. R. Co. Texas-Legislature. 1859. (See Ag-7, p. 470.)

204 — Act to incorporate the T. & L. R. R. Co. Texas-Legislature. 1863. (See Ag-7, p. 555.)

205 TEXAS & PACIFIC RY. Argument of the President of the T. & P. R. R. Co., before the meeting of the Senate Railroad Committee, held Dec. 14th, 1874, on behalf of the bill presented to the Senate for the construction of the southern route to the Pacific. T. A. Scott. 9 pp., 9 x 6, pap., no title-page. (See Tex.-Legisl.-B., 1874, p. 602.)

206 TEXAS CENTRAL R. R. Act to incorporate the T. C. R. R. Co. Texas-Legislature. 1853. (See Ag-7, p. 484.)

207 — Act to incorporate the T. C. R. R. Co. Texas-Legislature. 1852. (See Ag-7, p. 517.)

208 TEXAS WESTERN R. R. Act to establish the New Orleans, Texas & Pacific R. R. Co., for the extension of the New Orleans, Algiers & Opelousas R. R. by through Texas. 1870. (See Ag-7, p. 517.)

209 — Act to incorporate the T. W. R. R. Co.; and extracts from reports of A. B. Gray and Secretary of War, on the survey from eastern borders of Texas to California; nature of country and climate, mineral and agricultural resources, etc. Chn., 1855. 66 pp., 9 x 5, b. p.


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Af.—(Continued).
68. — Act authorizing a loan of state credit to enable the T. & G. R. R. Co. to construct the Hoosac Tunnel. Mass.-General Court, no place, 1874. 1 pp., 9 x 6, pap.

69. — Act authorizing a loan of the state credit to enable the T. & G. R. R. Co. to construct the Hoosac Tunnel. Mass.-General Court, no place, 1889. 6 pp., 9 x 6, pap.

70. — Authorizing the City of Boston to subscribe to the capital stock of the T. & G. R. R. Co. Mass.-General Court. Note: Substituted for Senate Bill, No. 45, no place, 1890. 5 pp., 9 x 6, pap.

148. — Act in further addition to an act providing for the more speedy completion of the T. & G. R. R. and Hoosac Tunnel. Mass.-General Court. no place, 1895. 5 pp., 9 x 6, pap.

115. — Address, January, 1895. Mass.-Governor. Note: That portion of the Governor's address to the Senate relating to the construction of the Hoosac Tunnel. Mass.-General Court, no place, 1895. 2 pp., 9 x 6, pap. no title-page.

188. — Amendment of Senate Bill, No. 35, entitled an act authorizing a loan of the state credit, to enable the T. & G. R. R. Co. to construct the Hoosac Tunnel. Mass.- (House) Committee on Finance. no place, 1889. 9 pp., 9 x 6, pap.

190. — Amendment to the bill in further addition to an act providing for the more speedy completion of the T. & G. R. R. and Hoosac Tunnel, to be inserted in place of the portion following the enacting clause. F. W. Bird. no place, 1897. 9 pp., 9 x 6, pap.

70. — Amendment to the bill "authorizing a loan of state credit to enable the T. & G. R. R. Co. to construct the Hoosac Tunnel." (House doc. 107.) Washburn. no place, 1884. 3 pp., 9 x 6, pap.

105. — Amendment to the bill concerning the T. & G. R. R. Co. to be inserted instead of the portion following the enacting clause. W. D. Swan. no place, 1882. 4 pp., 9 x 6, pap.

69. — Amendments to the bill "authorizing a loan of state credit to enable the T. & G. R. R. Co. to construct the Hoosac Tunnel." Russell. (House doc. No. 107.) no place, 1884. 9 pp., 9 x 6, pap.

73. — Answer to some of the objections made against the memorial of the T. & G. R. R. R. Co. to construct the Hoosac Tunnel. Mass.-General Court, no place, 1887. 14 pp., 9 x 6, pap.


107. — Bill entitled an act to authorize the Governor and Council to expend a sum not exceeding three hundred thousand dollars, in constructing archways in the Hoosac Tunnel and for other purposes. Mass.-Senate. Note: Substituted for House Bill, No. 105, no place, 1884. 2 pp., 9 x 6, pap.

84. — Bill entitled an Act in addition to an act to authorize a loan of the state credit to enable the T. & G. R. R. Co. to construct the Hoosac Tunnel: A substitute for the Senate bill in addition to an act authorizing a loan of the state credit, etc. Faige. no place, 1889. 7 pp., 9 x 6, pap.

85. — Bill entitled an Act in addition to an act authorizing a loan of the state credit to enable the T. & G. R. R. Co. to construct the Hoosac Tunnel: an amendment to the substitute offered by Mr. Faige, of Brimfield, to the Senate Bill with the same title. Stearns. no place, 1890. 7 pp., 9 x 6, pap.

126. — Bill entitled an Act in further addition to an act providing for the more speedy completion of the T. & G. R. R. and Hoosac Tunnel. Mass.-House. Note: Bill as amended and ordered to a third reading. no place, 1896. 2 pp., 9 x 6, pap.

151. — Bill entitled an Act in further addition to an act providing for the more speedy completion of the T. & G. R. R. and Hoosac Tunnel. Mass.-House. Note: Bill as amended and ordered to a third reading. no place, 1896. 2 pp., 9 x 6, pap.

149. — Bill entitled an Act in further addition to an act providing for the more speedy completion of the T. & G. R. R. and Hoosac Tunnel. Train. Note: Proposed as a substitute for House Bill, No. 899, no place, 1906. 5 pp., 9 x 6, pap.

104. — Bill entitled an Act providing for the more speedy completion of the T. & G. R. R. and Hoosac Tunnel, introduced as a substitute for the original bill concerning the T. & G. R. R. Co. Williams. no place, 1892. 5 pp., 9 x 6, pap.

180. — Bill entitled an Act in further addition to an act providing for the more speedy completion of the T. & G. R. R. and Hoosac Tunnel, with various amendments. Mass.-House. no place, 1898. 6 pp., 9 x 6, pap.

89. — Bill entitled an Act to modify the one of 1894, granting aid to construct the Hoosac Tunnel. Mass.-Senate. Note: Proposed as a substitute for the bill passed the committee, no place, 1896. 5 pp., 9 x 6, pap.

115. — Bill reported in answer to that part of the Governor's address which relates to the subject of the T. & G. R. R. and Hoosac Tunnel, suggesting additional legislation for the purpose of encouraging a vigorous prosecution of the work upon the road and tunnel. Mass.-Joint Special Committee on the T. & G. R. R. and Hoosac Tunnel. no place, 1899. 5 pp., 9 x 6, pap.
108 — Bill reported in answer to the question of the bill relating to the T. & G. R. R., with the amendments pending, together with the petitions and remonstrances. Mass.-Senate. Note: Bill provides for the speedy completion of the T. & G. R. R. and Hoosac Tunnel, no place, 1892. 5 pp., 9 x 6, pap.

56 — By laws, acts of incorporation, loan bill, etc. no place, no date. 27 pp., 9 x 5, pap.

187 — Claim of H. Haupt & Co.: Statement of case by claimants, explanatory of positions assumed by Commissioners and by the Tunnel Committee, to the Senators and Representatives of the Commonwealth of Massachusetts. Herman Haupt. 18 pp., 9 x 6, pap. no title-page.

90 — Closing argument on behalf of the T. G. R. R. Co. before the Joint Special Committee of the Senate and House of Representatives of Massachusetts, at a public hearing, Mar. 6th, 1890, including his reply to Ex-Governor Boutwell, the Counsel of F. W. Bird, and other memorialists, in opposition. Herman Haupt. 38 pp., 9 x 6, pap.

98 — Communication to the Governor and Council of the State of Massachusetts, containing a review of the report of the Committee of Investigation on the Hoosac Tunnel Loan; certificates and affidavits; also, a report of the Chief Engineer of the T. & G. R. R. Co., on the characteristics of the road, and principles of location. H. Haupt. Greenfield, Mass., 1890. 24 pp., 9 x 6, pap.

197 — Communication to the President of the Senate of Massachusetts, on the subject of the T. G. R. R. and Hoosac Tunnel, with a view to correct the serious errors in the report of the Chairman of the Joint Standing Committee of 1890. Herman Haupt. Boston, 1897. 30 pp., 9 x 6, pap.

130 — Communication to the Senators and Representatives of the Commonwealth of Massachusetts relative to the claims of H. Haupt & Co. in connection with the Hoosac Tunnel. Herman Haupt. Bost., 1897. 22 pp., 9 x 6, pap.

87 — Final settlement of the claim of H. Haupt & Co. against the State of Massachusetts; the liberality of “a generous and opulent commonwealth” exhibited. H. Haupt. Bost., 1889. 30 pp., 9 x 6, pap.


90 — Hoosac Tunnel and T. & G. R. R. D. L. Harris. Note: Report to the Committees of the T. & G. R. R. no place, 1892. 94 pp., 9 x 6, pap.


147 — Letter to the Governor and Honorable Council of the Commonwealth of Massachusetts, to preserve to the progress and continuance of the work upon the T. & G. R. R. and Hoosac Tunnel and the acts and duties of the Commission during the past year. Charles Hudson. Bost., 1893. 19 pp., 9 x 6, pap.

98 — Memorial relating to the application of the T. & G. R. R. for a state loan of two millions of dollars. Western R. R. Corporation. Note: Made to the General Court of Massachusetts. Bost., 1893. 45 pp., 9 x 6, pap.

98 — Memorial relating to the application of the T. & G. R. R. for a state loan of $2,000,000. Western Railroad Corporation. Note: Made to the General Court of Massachusetts. Bost., 1893. 8 pp., 9 x 6, pap.

88 — Memorial to the House of Representatives of Massachusetts. D. L. Harris. Note: Memorial begging for a more careful consideration of the subject of the proposed Hoosac Tunnel, before passing the bill authorizing a loan of two millions of dollars to the T. & G. R. Co. Bost., 1890. 6 pp., 9 x 6, pap.

158 — Message of the Senate and House of Representatives of Massachusetts. Note: Prays for repayment of money expended upon the Hoosac Tunnel. no place, 1898. 16 pp., 9 x 6, pap. no title-page.

58 — Memorial to the Senate and House of Representatives of Massachusetts, asking for a loan of two millions of dollars, to enable them to tunnel the Hoosac Mountain. no place, 1894. 2 pp., 9 x 6, pap.

109 — Memorial to the Senate and House of Representatives of the Commonwealth of Massachusetts, protesting against the report and acts of the Commissioners, in relation to the T. & G. R. R. and Hoosac Tunnel. Herman Haupt. no place, 1892. 81 pp., 9 x 6, pap.

118 — Memorial to the Senate and House of the Commonwealth of Massachusetts, Herman Haupt. Note: Memorial asking for a withdrawal of the decision of the Supreme Court of Massachusetts, holding him responsible for and liable to be sued, 1892. 20 pp. to the state the amount of an alleged overissue of scrip to the T. & G. R. R. Co. no place, 1890. 11 pp., 9 x 6, pap.

27 — Message to the House of Representatives. May 5th, 1897. Mass.-Governor. Note: Message accompanying veto of a bill authorizing the loan of the state credit to enable the T. & G. R. R. Co. to construct the Hoosac Tunnel. Bost., 1892. 15 pp., 9 x 6, pap.
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—Minority report upon "an Act to provide for the consolidation of the Hoosac Tunnel, for railroads from Boston to Troy," and the petition of the Boston & Lowell R. Co., for amendment of the charter of the Great Northern Railroad, and many petitions and memorials relative to the disposal of the T. & G. R. R. and Hoosac Tunnel. Mass.-Committee on Railways. no place, 1873. 2 p. p., 9 x 6, pep.

—Petition to the Senate and House of Representatives of the Commonwealth of Massachusetts. Note: Memorial asking to be released from the obligation of finishing the Eastern Division of the railroad in one continuous line. no place, 1857. 5 pp., 9 x 6, pep.

—Petition to the Senate and House of Representatives relative to the contract for the construction of the Hoosac Tunnel. Carpenter, Odlum & Gardiner. Bost., 1868. 3 pp., 9 x 6, pep.

—Preamble and resolutions, and Memorial to the Legislature of Massachusetts setting forth the reasons why Senate Bill, No. 47, is essential to permit the continued prosecution of the work upon the T. & G. R. R. and Hoosac Tunnel. 4 pp., 9 x 6, pep. no title-page.

—Report, in form of a bill, "to provide for funding the unfunded debt created in the construction of the T. & G. R. R. and the Hoosac Tunnel. Mass.-House Committee on Finance. no place, 1865. 5 pp., 9 x 6, pep.


—Report, in part, in the form of a bill, upon the petition of Edward Hamilton relative to appropriations for the T. & G. R. R. and Hoosac Tunnel, the business management and the duties of connecting roads. Mass.-Joint Standing Committee on the T. & G. R. R. and Hoosac Tunnel. no place, 1879. 3 pp., 9 x 6, pep.

—Report in reference to the petition of the T. & G. R. R. Co. for a modification of the Act of the Legislature, approved Apr. 13th, 1864, granting the credit of the state to aid said company in the construction of their road. Mass.-Joint Standing Committee on Railways and Canals. no place, 1867. 45 pp., 9 x 6, pep.

—Report, in the form of a bill, relative to the petition of T. & G. R. Co., praying for authority of the state to construct a tunnel through Hoosac Mountain. Mass.-Joint Standing Committee on Railways and Canals. no place, 1851. 12 pp., 9 x 6, pep.

—Report, in the form of a bill, relative to the petitions of citizens of Boston asking for subscription to the capital stock of the T. & G. R. R. Co., and sundry petitions in aid thereof. Mass.-Joint Standing Committee on Railways and Canals. no place, 1860. 6 pp., 9 x 6, pep.

—Report, in the form of a bill, providing for the more speedy completion of the railroad and tunnel. Mass.-Joint Special Committee on the T. & G. R. R. and Hoosac Tunnel. no place, 1868. 6 pp., 9 x 6, pep.


—Report, in the form of a bill, upon so much of the Governor's address as relates to the T. & G. R. R., also his message transmitting the report of the Hoosac Tunnel Commissioners, etc., and suggesting additional legislation for the purpose of encouraging a vigorous prosecution of the work upon the road and tunnel. Mass.-Joint Special Committee on the T. & G. R. R. and Hoosac Tunnel. no place, 1865. 3 pp., 9 x 6, pep.


—Report, in the form of a bill, upon the order relative to legislation as to the manner of accounting to the State Treasurer and Auditor for receipts, and for expenses incurred in connection with the T. & G. R. R. and Hoosac Tunnel. Mass.-Joint Standing Committee on the T. & G. R. R. and Hoosac Tunnel. no place, 1879. 3 pp., 9 x 6, pep.

—Report, in the form of a new draft, upon the bill to permit the establishment of a union freight depot in Greenfield. Mass.-House Committee on Finance. no place, 1878. 3 pp., 9 x 6, pep.


—Report of a Special Committee of Five, appointed to inquire what payments, if any, have been made under the several acts granting aid to the T. & G. R. R. Co.; and whether, or not, all the requirements of said acts authorizing such payments have been fully complied with. Mass.-House. no place, 1860. 34 + 76 pp., 9 x 6, pep.
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Report of the Committee to whom was referred the memorial of Herman Haupt & Company, to be discharged from further consideration of the subject, that the views of the different parts of the Committee be printed and that the whole be referred to the Committee on Finance. Mass.-Joint Standing Committee on the T. & G. R. and Hoosac Tunnel. no place, 1890. 9 pp., 9 x 6, pap.

Report of the Committee to whom was referred the message of the Governor, relative to communications received by him concerning the Hoosac Tunnel. no place, 1890. 8 pp., 9 x 6, pap.

Report of the Joint Special Committee in answer to the order of Mr. Hyde, of Newton, directing the Committee to visit the Hoosac Tunnel and report, as soon as practicable, information they may obtain, which, in their opinion, will be useful in considering the measures now before the Legislature proposing to alter the terms of the Loan Act of 1854, in aid of the T. & G. R. Co. no place, 1893. 4 pp., 9 x 6, pap.

Report of the Special Committee appointed under an order dated Jan. 26th, 1889, relating to payments made to the T. & G. R. Co., under the several acts granting state aid to said company, in the form of a new draft upon Senate Bill, No. 47. Mass.-House. no place, 1890. 10 pp., 9 x 6, pap.

Report relative to the petition of the T. & G. R. Co., asking for a modification of the Act of the Legislature approved Apr. 5th, 1884, granting the credit of the state to said company in the construction of the Hoosac Tunnel. Mass.-Joint Standing Committee on Railways and Canals. no place, 1889. 11 pp., 9 x 6, pap.

Report transmitting a copy of the opinion of the Supreme Judicial Court, rendered in the case of "The Commonwealth vs. J. V. C. Smith and others, Trustees." Mass.-Governor. Note: The point of the decision is that the mortgage of the T. & G. R. Co. to said Smith and others is invalid, and constitutes no lien upon the roads. Bost., 1893. 7 pp., 9 x 6, pap.

Report upon so much of the Governor's address as relates to the T. & G. R. and Hoosac Tunnel, and certain orders relating to the same, and also the memorial of Herman Haupt. Mass.-Joint Special Committee on the T. & G. R. and Hoosac Tunnel. no place, 1884. 8 pp., 9 x 6, pap.


Report upon the "Act concerning the T. & G. R. Co." in the form of a new draft of the bill. Mass.-Joint Standing Committee on Railways and Canals. no place, 1890. 4 pp., 9 x 6, pap.

Report upon the Act in further addition to an act providing for the more speedy completion of the T. & G. R. and Hoosac Tunnel. Mass.-House) Committee on Finance. no place, 1889. 3 pp., 9 x 6, pap.

Report upon the Act in further addition to an act providing for the more speedy completion of the T. & G. R. and Hoosac Tunnel: and copy of the act. Mass.-Joint Standing Committee on Finance. no place, 1887. 3 pp., 9 x 6, pap.

Report upon the Bill "in further addition to an act providing for the more speedy completion of the T. & G. R. and Hoosac Tunnel." Mass.-House Committee on Finance. Note: Report takes the form of a new draft of the bill, amended. no place, 1885. 17 pp., 9 x 6, pap.

Report upon the Bill "to incorporate the Boston & North-Western R. Co., to provide for the operation and management of the Hoosac Tunnel, and for other purposes," recommending the adoption of certain amendments. Mass.- (House) Committee on Finance. no place, 1873. 2 pp., 9 x 6, pap.

Report upon the House resolve, appropriating the sum of fifty-three thousand dollars to Herman Haupt & Co. Mass.-Senate Committee on the Treasury. no place, 1890. 5 pp., 9 x 6, pap.

Report upon the Memorial of Herman Haupt, in relation to the T. & G. R. and Hoosac Tunnel, and also the petitions of Henry Cartwright and others for compensation for expenses incurred upon said railroad and tunnel. Mass.- (Senate Committee on the T. & G. R. and Hoosac Tunnel. Bost., 1890. 2 pp., 9 x 6, pap.


Report upon the petitions of the T. & G. R. Co. and of sundry towns upon the line of said road, praying for an act to authorize said towns to take stock in said road. Mass.-Joint Standing Committee on Railways and Canals. no place, 1890. 8 pp., 9 x 6, pap.
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191 —Report upon the resolve in favor of Herman Haupt, relative to the T. & G. R. R. and Hoosac Tunnel; and the resolve. Mass. (House) Committee on Finance. no place, 1892. 2 pp., 9 x 6, pap.

140 —Resolve relative to the claim of Herman Haupt & Co., authorizing them to institute a suit in equity against the Commonwealth, in the Supreme Judicial Court. Mass.-Senate. Note: Proposed as a substitute for the resolve (H) in favor of H. Haupt & Co. (House, No. 309.) no place, 1892. 1 p., 9 x 6, pap.

67 —Speech in the Massachusetts House of Representatives, Mar. 29th, 1894, on the bill to increase the credit to the amount of two millions of dollars to the T. & G. R. R. Co., for the purpose of tunneling Hoosac Mountain. H. G. Parker. 10 pp., 9 x 6, pap. no title-page.


100 —Speech on the Bill concerning the T. & G. R. R. in the Senate of Massachusetts. W. D. Swan. Bost., 1892. 19 pp., 9 x 6, pap.

90 —Speech on the Bill for loaning the credit of the State to the amount of two million dollars to the T. & G. R. R. Corporation for the purpose of tunneling the Hoosac Mountain; in the Senate of Massachusetts, Apr. 9th and 11th, 1891. Whiting Griswold. Bost., 1891. 30 pp., 9 x 6, pap.

60 —Speech on the Bill for loaning the credit of the State to the amount of two millions of dollars, to the T. & G. R. R. Corporation for the purpose of tunneling Hoosac Mountain; in the Legislature of Massachusetts. May 8th, 1891. Otis Clapp. no place, 1891. 12 pp., 9 x 6, pap.

101 —Speech on the T. & G. R. R. Bill in the Massachusetts Senate, Apr. 16th, 1892. G. G. Loring. 18 pp., 9 x 6, pap. no title-page.


46 TUBULAR TRANSIT CO. OF STATEN ISLAND. Concessions by the State of New York to the Hoosac tunnels by the State of New Jersey to Drake Line for the construction of tunnels under the Kill van Kull and under the Staten Island Sound, and other papers relating thereto. N. Y.-Legislature. Note: Printed for private use only. N. Y., 1874. 22 pp., 9 x 6, pap.

31 UNION PACIFIC R. R. Act to aid in the construction of a railroad and telegraph line from the Missouri River to the Pacific Ocean. U. S.-Congress. Chic., 1868. 16 pp., 9 x 6, pap.

20 —Act to aid in the construction of a railroad and telegraph line from the Missouri River to the Pacific Ocean, approved July 1st, 1862; with amendments. U. S.- Congress. Chic., 1862. 45 pp., 9 x 6, pap.


54 —vs. T. C. Durant. In the Supreme Court of New York: Papers and affidavits relating to the suit. Note: Sult brought to prevent the carrying out of the contract between the U. P. R. R. Co. and the Credit Mobilier. N. Y., 1867. 9 + 1 pp., 9 x 6, pap. no title-page.

53 —Union Pacific Co. v. Union Pacific: Arguments on behalf of the Union Pacific Co. in the so-called pro rate controversy; with the report of Charles Devens, Attorney-General of the United States, Senator Phelps’s Pro rate Bill, etc. J. N. Rogers and others. Wash., 1878. 130 pp., map, 10 x 7, pap.

5 —Memorial, praying for a grant of land to enable him to construct a railroad from Lake Michigan to the Pacific Ocean, Jan. 17th, 1848. Asa Whitney. (39th Cong., 1st sess. Senate, misc. doc. No. 23.) Wash., 1848. 7 pp., map, 9 x 6, b. p.

297 —Memorial to Congress praying for a grant of public land to enable him to construct a railroad from Lake Michigan to the Pacific Ocean. Asa Whitney. (39th Cong., 1st sess. Senate, misc. doc. No. 23.) Wash., 1848. 10 pp., map, 9 x 6, pap.

3 —Memorial to Congress respecting a new route to the Pacific Ocean; with a plan for the transportation of despatches to Astoria in fifteen days; Feb. 15th, 1848. Robert Mills. (39th Cong., 1st sess. Senate, misc. doc. No. 51.) Wash., 1848. 4 pp., map, 9 x 6, b. p.

25 —Opinions in the Pacific Railroad cases—Thurman Act; with material portions of the acts. U. S.-Supreme Court. N. Y., 1879. 66 pp., 9 x 6, pap.

30 —Opinion on the validity and sufficiency in law of the first mortgage bonds of the U. P. R. R. Co. Daniel Lord. Bost., 1890. 7 pp., 9 x 6, pap. no title-page.

293 —Petition to Congress praying a charter for the purpose of constructing a line of railway from St. Louis to San Francisco. P. P. Degrave and others. (33rd Cong., 1st sess. Senate, misc. doc. No. 83.) Wash., 1852. 35 pp., 9 x 6, pap.
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—Resolution in the construction of a railroad to the Pacific. Tenn.-Legislature. Wash., 1850. 8 pp., 9 x 6, 6 pap.

—Resolutions relative to Ass'nn Whitney’s plan of constructing a railroad from Lake Michigan to the Pacific Ocean. Penn.-General Assembly. (31st Cong., 1st Sess. Senate, misc. doc., 25.) Wash., 1850. 2 pp., 9 x 6, pap.

—Statement in reply to the testimony of John B. Alley, taken on the 7th day of January, 1852, before the Committee appointed by the House of Representatives to investigate charges of bribery among members of Congress. T. C. Durant. N. Y., no date. 22 pp., 9 x 6, pap.

2 UNION R. R. AND NEW YORK & ERIE R. R. Contracts and agreements. no place. 1857. 48 + 1 pp., 8 x 5, b. p.


—Argument before the Committee of Commerce of the Senate of the U. S. on the Reagan Bill for the regulation of interstate commerce. Albert Fink. N. Y., 1870. 28 pp., 9 x 6, pap.

—Interstate Commerce Act of Feb. 4th, 1887, with a summary of its provisions. N. Y., 1887. 15 + 1 pp., 9 x 6, pap.

191—Railroad-mail pay: Remarks on Conference report, or Post-office Appropriation Bill in the House of Representatives, Friday, June 18th, 1884. N. G. Horr. (Congressional Record, 46th Cong., 1st Sess., June 14th.) Wash., 1884. 4 pp., 10 x 7, 6 pap.

6 UTICA & SCHENECTADY R. R. Charter of the U. & S. R. R. Co., with the subsequent laws relative thereto; and also the general acts of the legislature of the state of New York. Albany. 1847. 56 pp., 9 x 6, b. p.


VICKSBURG & EL PASO R. R. Act to incorporate the V. & E L. P. R. R. Co. Texas-Legislature. 1862. (See Ag7, p. 551.)

VICKSBURG, SHREVEPORT & TEXAS R. R. Memorial of the President and Directors to the General Assembly of the State of Louisiana. 16 pp., 9 x 6, b. p. no title-page. Ag7, p. 906.


WEST CHESTER & PHILADELPHIA R. R. Acts of incorporation of the W. C. & F. R. R. Co., and the supplements thereto; with an appendix containing the accounts of the railroad companies” approved Feb. 16th, 1849, and sections 3d and 5d of the supplement, approved Apr. 9th, 1856. Penn.-General Assembly. Phil., 1856. 34 pp., 9 x 6, pap.

WESTERN RAILROAD CORPORATION. Hoosac Tunnel; the Memorial of the W. R. Corporation relating to the application of the Troy & Greenfield R. R. for a state loan of two millions of dollars. Bost., 1853. 35 pp., 8 x 5, b. p. Ad-4, p. 80.

WHITEHAVEN RY. Bill entitled “an Act to incorporate the Whitehaven Ry. Co., limited.” Nova Scotia-Legislative Assembly. Note: This act passed the Legislature on 19th of Apr., 1857. no place, no date. unpagd., 18 x 5, pap. manuscript.

2 WILLIAMSPORT & ELMIRA R. R. AND NEW YORK & ERIE R. R. Articles of agreement. no place. 1853. 7 pp., 8 x 5, b. p. no title-page.

WILMINGTON & MANCHESTER R. R. Joint acts to charter the W. & M. R. R. Co., passed by the States of South and North Carolina; also an Act to add to the construction of the said railroad, passed by the Legislature of South Carolina. Wilmington, N. C., 1854. 30 pp., 9 x 6, b. p. Ab-2c, p. 625.

WILMINGTON & READING R. R. By-laws of the Board of Directors; together with the charter of the company. 1867. (See Ae-78.)
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AF—(Continued).

186 WISCONSIN. Compilation of the existing railroad laws of Wisconsin so far as they relate to rates of fare and freight. Railroad Commissioners, comp. Madison, 1876. 39 pp., 9 x 6, b. p.


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ALABAMA & TENNESSEE RIVER R. R. Reports of the President, Directors and Chief Engineer at the annual meeting of the Stockholders; 3d; 1851. Montgomery, 1851. 1 v., 9 x 6, b. p.


—Report of the Superintendent to the President and Directors, relative to the condition of the road. no place, 1852. 1 v., 9 x 6, b. p. no title-page. Cb-2, p. 419.

—Reports of the Engineers, made to the Stockholders in 1860-61. (See Ab-41.)

ALLEGHENY PORTAGE R. R. Report of the Engineer and Superintendent of the road, to avoid the inclined planes, for the fiscal year ending Nov. 30th, 1854, no place, 1854. 1 v., 9 x 6, b. p. Ab-5, p. 541.

—Reports of the Superintendent and Engineer; 1853. Harrisburg. no date. 1 v., 9 x 6, b. p.


—Superintendent's report for the fiscal year ending Nov. 30th, 1854. no place, 1854. 1 v., 9 x 6, b. p. Ab-5, p. 541.

ALLEGHENY VALLEY R. R. Annual report of the President and Managers to the Stockholders; 18th, 1826-30th, 28th-37th, 30th-38th; 1859, '90-70, '79-88. Pittsburgh, 1856-99. 1 v., 9 x 6, b. p.

—Same; 1st; 1854. 1 v., 9 x 6, b. p.

—Same; 3d; 1856. 1 v., 9 x 6, b. p.

ANDOVER & HAVERHILL R. R. Report of the Committee of Stockholders appointed at the annual meeting, Apr. 1858; together with a statement of the President of the Corporation, in regard to the expense of constructing the road, add. addressed to the Committee. Andover, 1858. 1 v., 9 x 6, b. p.

ANDROS & KENNEBEC R. R. Report of the President and Directors of the Stockholders; 1848. Waterville, 1848. 1 v., 9 x 6, b. p.

ATCHISON, TOPEKA & SANTA FE R. R. Annual report of the Board of Directors to the Stockholders; 5th-61st; 1875-93. Bost., 1875-93. 17 v., 9 x 6, 11 x 9, b. p.

ATCHISON, TOPEKA & SANTA FE R. R. Annual report of the President and Directors to the Stockholders; 5th-61st; 1875-93. Bost., 1875-93. 17 v., 9 x 6, 11 x 9, b. p.

ATLANTA & WEST POINT R. R. Reports of the President and Superintendent to the Stockholders, in convention. Atlanta, 1854. 1 v., 2 tab., 9 x 6, b. p.

ATLANTIC & GREAT WESTERN R. R. Annual report of Receiver; 1st-3d, Cleveland, 1876-91. 5 v., 12 x 9, b. p.

ATCHISON, TOPEKA & SANTA FE R. R. Annual report to the Stockholders; 1872. N. Y., 1872. 1 v., 11 x 9, b. p.

—Comparative statement of expenses in Engineering Department; June, 1872-76, Jan., Feb., Mar., Apr., May, 1872-77; no place. 1876-77. 5 sheets, 8 x 11, b. p.

ATLANTIC & GREAT WESTERN R. R. Reply to the Statements of James McHenry and others, in relation to the American management of the railway; together with the fourth annual report of the company, for the ten months ending Oct. 31st, 1880. Meadville, Pa., 1880. 1 v., 8 x 6, b. p.

ATLANTIC & GREAT WESTERN R. R. Report of the President and Directors to the Stockholders; 5th-35th; 1875-86. Savannah, 1876-77. 2 v., 9 x 6, b. p.
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—Statement of the Company. no place, no date. 1 v., map, 9 x 6, b. b. Ab-1, p. 277.


—Same; 1854. Chit., 1854. 1 v., 8 x 6, b. b. Aa-1, p. 293.

44 CENTRAL PACIFIC R. R. Annual report of the Board of Directors to the Stockholders; 1879. Sacramento, 1879. 1 v., 9 x 6, pap. 205 CENTRAL R. R. & BANKING CO. OF GEORGIA. Report of the President and Directors to the Stockholders; 40th; 1875. Savannah, 1875. 1 v., 9 x 5, pap.


213 CENTRAL RAILROAD OF NEW JERSEY. Annual report of the Board of Directors to the Stockholders; 1st-39th; 1847-78. Note: 7th report wanting. N. Y., 1856-78. 3 v., 9 x 6, pap.

30 CHARLOTTE & SOUTH CAROLINA R. R. Proceedings of the Stockholders at their annual meeting; 18th; 1860. Columbia, 1860. 1 v., 9 x 6, pap.

288 CHEMIN DE FER DU GOTTHARD. Rapport de la direction et du conseil d'administration du Chemin de Fer du Gotthard; 85-86; 1875-76. Zurich, 1875-76. 8 v., 11 x 8, pap.

—Geschäftsbericht der Direktion und des Verwaltungsrates der Gotthardbahn; 1st-85; 1875-74. Zurich, 1875-75. 8 v., 11 x 8, pap.

CHEMIN DE FER GRAND CENTRALE BELGE. Direction des voies et travaux: Compte rendu de l'exercice; 1900. Bruxelles, no date. 1 v., 11 x 8, pap.

29 CHESAPEAKE & OHIO R. R. Annual report of the President and Directors to the Stockholders; 4th; 1871. N. Y., 1871. 1 v., 9 x 6, pap.

21 CHICAGO & ALTON R. R. Annual report of the President and Directors; 7th, 9th-18th; 1869, 71-80. Chit., 1870-81. 13 v., 9 x 6, pap.


22 CHICAGO & NORTHWESTERN RY. Address of the President to the Stock and Bond-holders, at the annual meeting, June 7th, 1890; together with the balance sheet of Apr. 1st, the statement of income account for the ten months ending Mar. 31st and the report of the Assistant Treasurer for the fiscal year. N. Y., 1890. 1 v., 9 x 6, pap.


156 CHICAGO & ROCK ISLAND R. R. Annual report of the President and Directors to the Stockholders; July 1st, 1857-59. N. Y., 1857-59. 2 v., 9 x 6, pap.


—Same: 1st-3rd; 1890-91. Chit., 1890-91. 3 v., 8 x 5, b. b. Ab-9, p. 845.


21 CHICAGO, IOWA & NEBRASKA R. R. Statement accompanying their proposal to sell certain of their bonds; containing interesting statistics of the road and the country it penetrates; Jan., 1887. Chit., 1857. 1 v., map, 9 x 6, b. b. Ae-1, p. 851.

244 CHICAGO, MILWAUKEE & ST. PAUL RY. Annual report; 5th-31st; 1890-95. Note: 9th, 10th-12th, 19th, 20th reports wanting. Milwaukee & Chit., 1890-95. 31 v., 9 x 6, pap.


15 CHICAGO, ROCK ISLAND & PACIFIC RY. Annual report of the Directors to the Stockholders; 1st-14th; 1891-94. Note: 8th-10th reports wanting. Chit., 1891-94. 11 v., 9 x 6, pap.


283 CHICAGO, ST. PAUL & KANSAS CITY RY. Annual report; 4th-5th; 1890-91. no place, no date. 2 v., 9 x 6, pap.

200 CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY. Annual report; 4th-5th, 10th-12th, 15th; 1884-86, '92-93, '95. St. Paul, 1884-90. 6 v., 9 x 6, pap.
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20 CINCINNATI, COLUMBUS & DAYTON R. R.   Annual report of the Directors to the Stockholders; 1st-44th; 1850-88.  Note: Reports. 7th, 13th, 18th-17th, 88th-96th. wanting. Cln., 1850-88. 3 v., 9 x 6, p.

21 CINCINNATI, SANDUSKY & CLEVELAND R. R.   Report to the Stock and Bond holders; 1871-86. Sandusky, 1871-86. 10 v., 9 x 6, pap.


23 CLEVELAND & PITTSBURGH R. R. Annual report of the President and Directors to the Stockholders; 30th-43d; 1856-78. Cleveland, 1856-77. 5 v., 9 x 6, pap.

24 —Same; 6th; 1854. 1 v., 9 x 6, b. p. Ag-6, p. 297.

25 —Report of the Special Committee appointed by the Stockholders at the annual meeting; Jan. 7th, 1874. Cleveland, 1874. 14 pp., 9 x 6, pap.

26 CLEVELAND, COLUMBUS & CINCINNATI R. R. Annual report of the Directors to the Stockholders; 1st-18th; 1856-86; 1886-96. Cleveland, 1856-95. 5 v., 9 x 6, pap.

27 —Same; 22-34; 1853-54. 2 v., 9 x 6, b. p. Af-8, p. 155.


29 CLEVELAND, COLUMBUS, CINCINNATI & INDIANAPOLIS RY. Annual report of the Board of Directors to the Stockholders; 1st-18th; 1856-90. Cleveland, 1856-90. 23 v., 9 x 6, pap.


31 CLEVELAND, ZANESVILLE & CINCINNATI R. R. Annual report of the President and Directors to the Stockholders; 3d; 1864. Hudson, Ohio, 1864. 1 v., 9 x 6, b. p.

32 COLUMBUS & Hocking Valley R. R. Annual report; 9d-18th; 1871-80. Columbus, 1871-91. 10 v., 9 x 6, pap.

33 COLUMBUS & TOLEDO R. R. OF THE STATE OF OHIO. Annual report; 1st-42nd; Columbus, 1878-91. 4 v., 9 x 6, pap.


35 COLUMBUS, Hocking Valley & Toledo RY. Annual report; 1st-9d, 4th-7th; 1851-81; 84-87. Columbus, 1851-88. 6 v., 9 x 6, pap.


37 CONNECTICUT RIVER R. R. Annual report of the Directors to the Stockholders; 5d, 4th; 1847-49. Northampton, 1847-49. 3 v., map, 8 x 5, b. p.

38 COVINGTON & LEXINGTON R. R. Annual reports of the President, Engineer and Treasurer; 1851. Covington, 1851. 1 v., 9 x 6, pap.


40 CUMBERLAND & OHIO R. R. Annual report; 4th-5th; 1874-75. Louisville, 1874-75. 3 v., 9 x 6, pap.

41 DAVINLEY, HAZLETON & WILKESBARRE R. R. Annual report; 3d; 1879. Phil., 1879. 1 v., 9 x 6, pap.

42 DAYTON & CINCINNATI R. R. Address of the Board of Directors, delivered by the President to the Stockholders, at their meeting Apr. 24th, 1860. Cln., 1860. 1 v., 9 x 6, b. p. Af-8, p. 395.

43 —Annual report; 2nd; 1854. Cln., 1854. 1 v., map, 9 x 6, b. p. Ag-6, p. 191.

44 DAYTON & MICHIGAN R. R. First exhibit of the condition and prospects of their road. N. Y., 1852. 1 v., map, 9 x 5, b. p. Ag-8, p. 293.


46 DELAWARE R. R. Proceedings of the annual meeting of the Stockholders and the annual report of the President and Board of Directors; 9th; 1881. Dover, Del., 1881. 1 v., 8 x 5, pap.

47 DENVER & RIO GRANDE RY. Annual report of the Board of Directors to the Stockholders; 1st; 1874. Phil., 1874. 1 v., 9 x 6, pap.

48 —Statistical statement of the Receiver from July 15th, 1884, to Dec. 31st, 1885; with supplement covering period from Jan. 1st, 1884, to July 11th, 1884, prior to the management of the Rio Grande Springs, 1886. 1 v., 9 x 6, pap.

49 DENVER & RIO GRANDE R. R. Annual report to the Stockholders; 5th-9th; 1891-96. Denver, 1891-96. 5 v., 9 x 6, pap.
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12 DUBLIN & WRIGHTSVILLE R. R. Annual report of the President and Directors to the Stockholders: 1st; 1885. Savannah, 1886. 1 v., 9 x 6, pap.


14 EASTERN R. R. Annual report of the Directors to the Stockholders: 4th-5th, 8th-9th, 10th-11th, 14th-15th, 16th-17th, 18th-19th; 1864-65; 4th, 5th, 6th, 7th, 8th-9th, 10th, 11th; 1876. Boston, 1864-65. 9 v., 9 x 6, pap.

15 ELIZABETHTOWN & PADDY CASH. Annual report of the President and Directors: 5th-6th. Louisville, 1873. 1 v., 9 x 6, pap.

16 ERIE RY. Annual report of the Directors to the Stockholders: 1st-5th, 10th-11th, 13th-14th, 16th-16th; 1885-87, 71-72, 78-79, 1883-87. New York, 1885-87. 9 v., 9 x 6, pap.

17 —Annual report of the Receiver to the Board of Directors: 1876. New York, 1876. 1 v., 9 x 6, pap.

18 —Annual report of the President to the Stockholders and the Board of Directors: Sept., 1873. New York, 1873. 1 v., 11 tab., 13 x 8, pap. no title-page.

19 ESTRADA DE FERRO DO SÃO FRANCISCO. Relatorio: 1897. Bahia, 1898. 1 v., 9 x 6, pap.

20 EVANSVILLE & CRAWFORDSVILLE R. R. Annual report of the President and Directors to the Stockholders: 1865. Terre-Haute, Ind., 1865. 1 v., 8 x 5, b. p. no title-page.


23 FERROCARRIL DE COPIAPO. Informe relativo a los negocios durante el primer semestre de 1900. Valparaiso, 1900. 1 v., 9 x 6, pap.


25 —Same: 12th-14th; 1854-55. 9 v., 9 x 6, b. p. Ab-3, p. 801.


29 FORT WAYNE, LACON & PLATTE VALLEY AIR-LINE R. R. Report of the President and Directors to the Stockholders: 1st; 1883. 1 v., map, 8 x 5, b. p. no title-page.


31 —Same: 1st-10th; 1865-57. 10 v., 9 x 6, b. p. Ab-9, p. 39.

32 —Report of William B. Ogden, President of the Company, together with reports of the Engineer, Secretary and Treasurer, read at the annual meeting of the Stockholders: Apr. 5th, 1868. Chilic, 1868. 1 v., 9 x 6, b. p. Ab-1, p. 784.

33 GLACIER & SOUTHWESTERN RY. Report by the Directors to the Shareholders at their ordinary half yearly meeting; July, 1888-Jan., 1889. Glasgow, 1888-89. 1 v., 15 x 10, pap.


35 GRAND RAPIDS & INDIANA R. R. Annual report of the Board of Directors to the Stockholders: 1865-70, 72. Fort Wayne, 1865-70. 4 v., 9 x 6, pap.

36 GRAND TRUNK RY. OF CANADA. Report of the Directors to the Bond and Stockholders, and statement of the revenue and capital accounts for the half-year ended 31st Dec., 1865. London, 1867. 1 v., 8 x 5, pap.

37 GREAT EASTERN RY. Report of the Directors to the half-yearly general meeting of the Proprietors of the Company: 30th-31st, 1873; 1878-86. Stratford, 1873-86. 5 v., 10 x 6, pap.

38 GREAT NORTH OF SCOTLAND RY. Report by the Directors to the ordinary general meeting of the Proprietors: 61st-64th; 1883-86. Aberdeen, 1883-86. 4 v., 10 x 7, pap.

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369 GREAT SOUTHERN & WESTERN RY. Report of Directors and statement of accounts, to be submitted to the Proprietors at the half-yearly general meeting; 79th-83d, 86th: 1888-89. Dublin, 1888-89. 5 v., 9 x 5, pap.

370 GREAT WESTERN RY. Report of the Directors to be submitted to the Proprietors at the half-yearly general meeting; 83th-90th, 92nd, 1921; 1922-23, 74, '96. Lond., 1888-89. 4 v., 10 x 10, pap.

191 GREAT WESTERN RY. OF CANADA. Proceedings at the annual general meeting of Shareholders; and report of the Directors; 1862. Hamilton, Ont., 1862. 1 v., 8 x 5, pap.

4 —Same; 1862. 1 v., 8 x 5, b. p.


—Same; 1st: 1866. 1 v., 9 x 6, b. p. Ab-30, p. 452.


4 —Same; 1858: 1860. 1 v., 9 x 5, b. p.

—Reports of the President and Directors to the Stockholders; 8d: 1869. Athens, Tenn., 1869. 1 v., 8 x 5, pap.

68 HOUSATONIC R. R. Annual report of the Board of Directors to the Stockholders; 1880. Bridgeport, 1880. 1 v., 8 x 5, pap.

4 —Same; 1880. 1 v., 9 x 5, b. p.


88 ILLINOIS CENTRAL R. R. Report and accounts; 1868, '71-80. N. Y., 1869-81. 11 v., 17 x 11, 12 x 9, pap. no title-page.

395 —Same; 1856-57. 2 v., 16 x 11, b. p.

65 INDIANA CENTRAL RY. Annual report of the President and Directors to the Stockholders; 7th: 1869. Richmond, Ind., 1869. 1 v., 9 x 5, pap.


280 —Report of the President and Directors; 1875. Cin., 1875. 1 v., 9 x 6, pap.


190 KANSAS PACIFIC RY. Annual report of the Board of Directors to the Stockholders; 8d-5d, 5th-6th: 1886-89, 71-72. St. Louis, 1886-73. 4 v., 9 x 6, pap.

247 KENTUCKY & PORTLAND R. R. Annual report of the President and Directors to the Stockholders; 1848-49, '52. Brunswick, 1848-52. 3 v., 9 x 5, pap.


—Same; 1864. N. Y., 1864. 1 v., 9 x 6, b. p. Ma-10, p. 131.
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LA CROSSE & MILWAUKEE R. R. Annual report of the Board of Directors to the Stockholders; 1885. Milwaukee, 1885. 1 v., 8 x 5, b. p. Ab-6, p. 577.


LAKE SHORE & MICHIGAN SOUTHERN RY. Annual report of the Board of Directors to the Stockholders; 1st-30th; 1870-90. Cleveland, 1870-1900. 30 v., 9 x 6, 4.

LAKE SHORE & TUSCARAWAS VALLEY RY. Annual report of the President and Directors to the Stockholders; 1874. Cleveland, 1874. 1 v., 9 x 6, 4.

LAKE SHORE RY. Annual report of the Directors to the Stockholders; 1885. Cleveland, 1885. 1 v., 9 x 6, 4.

LANCASTER & YORKSHIRE RY. Report of the Directors and statement of accounts, to be submitted to the half-yearly general meeting of the Proprietors; 1890; 1890. 4 v., 15 x 10, 4.

LANCASTER, LEBANON & PINE GROVE R. R. Annual report of the Board of Directors; 1871-1914. Phil., 1871-1914. 1 v., 9 x 6, 4.


LEHIGH VALLEY R. R. Annual report of the Board of Directors to the Stockholders; 1875, 1876-1879, 1880-1883. 90th; 1894-1904, 96th, 98th, 79-80, 77-80. 31. Phil., 1888-91. 1 v., 9 x 6, 4.

LEXINGTON & DANVILLE R. R. Annual report to the Stockholders; 1866. Clay., 1866. 1 v., 9 x 6, 4.

LEXINGTON & FRANKFORT R. R. Annual report; 19th-30th, 25th; 1877-1878. 73. (See Ag-65.)


LONDON & NORTHERN RY. Report of the Directors to be submitted to the Proprietors at the half-yearly general meeting; June, 1884. Lond., 1884-96. 3 v., 15 x 10, 4.

LONDON & PORT STANLEY RY. Annual report of the President and Directors to the Stockholders; 1884. London, Ont., 1884. 1 v., 9 x 6, 4.


LONDON & SOUTHWESTERN RY. Report and statement of accounts, for the half-year ended June, 1888-90, June, 1890. Lond., 1888-90. 2 v., 15 x 10, 4.

LONDON, BRIGHTON & SOUTH COAST RY. Report of the Directors to be submitted at the meeting of the Proprietors; 75th-76th, 83rd; 1883-94, 96. Lond., 1883-95. 1 v., 15 x 10, 4.

LONDON, CHATHAM & DOVER RY. Report of the Directors, together with statements of accounts, to be submitted to the half-yearly ordinary general meeting of the company; June, 1888-90. Phil., 1888-90. 5 v., 15 x 10, 4.

LONG ISLAND R. R. Annual report; 19th, 19th; 1890-93. N. Y., 1890-93. 2 v., 9 x 6, 4.

—Same; 7th; 1849. 1 v., 9 x 5, b. p.

—Same; 11th; 1853. 1 v., 9 x 5, b. p. Ab-1, p. 225.

—Seml-annual report of the Board of Directors to its Stockholders; Dec., 1843. N. Y., 1843. 1 v., 8 x 5, b. p.

LOUISVILLE & FRANKFORT R. R. Annual report of the President and Directors to the Stockholders; 17th-18th; 1885-96. Louisville, Ky., 1885-96. 2 v., 9 x 6, 4.

LOUISVILLE & NASHVILLE R. R. Annual report of the President and Directors; 23rd-42nd, 44th-45th; 1924-31. 96-96. Louisville, Ky., 1924-31. 1 v., 9 x 6, 11 x 9, 4.

—Proceedings of the Stockholders at their second meeting; with the first annual report of the President and Directors, the report of the Chief and Associate Engineers, and the by-laws. Charleston, 1897. 1 v., 9 x 5, b. p. Ab-108, p. 577.
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85 LOUISVILLE, CINCINNATI & LEXINGTON R. R. Annual report; 1st-4th, 7th: Being the annual report of the Louisville & Frankfort, and Lexington & Frankfort Railroads; 1865-80th, 26th, 27th, 1867-70, 73. Louisville, Ky., 1867-74. 3 v., 9 x 6, pap.


87 MASON & CINCINNATI R. R. Annual report; 1st; 1846. N. Y., 1847. 1 v., 9 x 6, pap.

88 MADISON & INDIANAPOLIS R. R. Annual report of the President; 8th-10th; 1869-70. Indianapolis & Madison, 1869-70. 3 v., 9 x 6, b. p. Ab-1, p. 96.

89 MAINE CENTRAL R. R. Annual reports; 1872-73, 78-79, 81-84, 87, 89-90. Augusta, 1872-75, 1877, 1878-80. 1 v., 9 x 6, pap.

90 MANCHESTER & LAWRENCE R. R. Annual report of the Board of Directors to the Stockholders; 5th; 1878-79. Manchester, N. H., 1879. 1 v., 9 x 6, pap.

91 MANCHESTER, SHEFFIELD & LINCQNSHIRE RY. Report of the Directors and statement of accounts, half-yearly, to the Meeting of Proprietors; June, 1890. Manchester, 1890. 1 v., 10 x 15, pap.


95 MASSACHUSETTS. Report of the annual railroad Company; 1876. Note: Blank form, issued by the Board of Railroad Commissioners, to be filled in by a R. R. Co. making its annual return. Boston, no date. 1 v., 9 x 9, bds.

96 MAYSVILLE & LEXINGTON R. R. Annual report of the President and Directors to the Stockholders; 8d; 1858. N. Y., 1858. 1 v., 9 x 5, b. p. Ab-A, p. 447.

97 MEMPHIS & CHARLESTON R. R. Annual report of the Board of Directors to the Stockholders; 3d-5th, 7th, 9th; 1860-63. 37, 96. Huntville & Memphis, 1860-68. 5 v., 9 x 6, pap.

98 — Annual report of the Chief Engineer; 1st; 1861. Huntsville, Ala., 1861. 1 v., 9 x 6, pap.

99 MEXICAN CENTRAL RY. Annual report of the Board of Directors to the Stockholders; 1st-11th; 1880-90. Boz., 1881-91. 11 v., 9 x 5, pap.

100 MEXICAN NATIONAL R. R. Annual report; 4th; 1890. Mexico, 1891. 1 v., 10 x 7, pap.


102 MICHIGAN CENTRAL SOUTHERN & NORTHERN INDIANA R. R. Annual report to the Stockholders; Mar. 1st, 1887-98. Chic., 1897-98. 3 v., 9 x 6, pap.


104 MIAMI R. R. OF NEW JERSEY. Annual report; 1st; 1890. N. Y., 1891. 1 v., 9 x 6, pap.


106 MILWAUKEE & CHICAGO R. R. Annual report; 1862. Milwaukee, 1863. 1 v., 9 x 6, pap.

107 MILWAUKEE & MISSISSIPPI R. R. Annual report of the Directors to the Stockholders; together with reports of the Secretary, Treasurer and Superintendent; 11th; 1899. Milwaukee, 1899. 1 v., 9 x 5, pap.

108 MILWAUKEE & PRAIRIE DU CHIEN RY. Annual report to the Stockholders; 1892. Milwaukee, 1893. 1 v., 9 x 6, pap.

109 MILWAUKEE, WAUKESHA & MISSISSIPPI R. R. Annual report of the Directors to the Stockholders; 1st; 1849. no place. 1849. 1 v., 8 x 5, b. p. no. 485. 96.

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127 MINNEAPOLIS & ST. LOUIS RY. Annual report: 1879. Minneapolis, 1880. 1 v., 9 x 6, pap.

79 MINNEAPOLIS, PACIFIC RY. and TEXAS & PACIFIC RY. Report to the Stockholders: 1884. N.Y., 1885. 1 v., 9 x 6, pap.

80 —Proceedings of the annual meeting of the Stockholders: 11th; 1889. Mobile, 1890. 1 v., 9 x 6, pap.

—Ab-333, p. 909.


—Report relative to land occupied by the terminals of the railroad, and the amount of money received for transportation from the spring of 1884 to Sept. 14th of the same year. no place, 1885. 1 v., 9 x 6, b. p. no title-page. Cn-10, p. 1889.

82 MORRIS & ESSEX R. R. Report of the Board of Directors to the Stockholders; together with the proceedings at the annual meeting: June, 1885-64, '86. Newark & Jersey City, 1885-66. 11 v., 9 x 6, pap.


85 NASHVILLE, CHATTANOOGA & ST. LOUIS RY. Annual report of the President and Directors to the Stockholders: 1879, '83, '85. Nashville, 1879-85. 8 v., 9 x 6, pap.

86 NESQUEHONING VALLEY R. R. Annual report of the President and Directors to the Stockholders: 1st: 1882. Phil., 1882. 1 v., 9 x 6, pap.

87 NEW HAVEN, NEW LONDON & STONINGTON R. R. Annual report of the Board of Directors to the Stockholders: 1889. New Haven, 1890. 1 v., 9 x 6, pap.


—Same: 7th: 1887. 1 v., 9 x 6, b. p.


—Same: 1886. 1 v., 10 x 6, b. p. Cn-14, p. 191.

92 —Same: 1890. 1 v., 8 x 5, b. p.

—Report giving a list of the stockholders, etc. no place, 1889. 1 v., 9 x 6, b. p. Ab-5, p. 911.


93 —Statement of the operations of the railroad under the receivership from Aug. 16th, 1852, to Dec. 31st, 1861. N.Y., 1862. 1 v., 9 x 6, pap.


—Report of the Directors made to the Stockholders in pursuance of a resolution, passed at their meeting of the 15th of Aug., 1864, for the year ending 30th Sept., 1864. N.Y., 1865. 1 v., 9 x 6, b. p.

97 NEW YORK & NEW ENGLAND R. R. Annual report to the Stockholders; made at the annual meeting: 12th; 1887. Bost., no date. 1 v., 9 x 6, pap.

98 NEW YORK & NEW HAVEN R. R. Report of the Board of Directors to the Stockholders: 7th-72; 1866-72. 2 v., 9 x 6, pap.

—Same: 1849. 1 v., 9 x 6, b. p.

—Same: 1851-52. 2 v., 9 x 6, b. p.

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—Report of a Committee appointed Jan. 4th, 1855, by the Directors, at the request of the Stockholders, authorizing certain examinations to be made of the “acts and doings of the Directors and Treasurer” subsequent to the consolidation. Bost., 1855. 1 v., 9 x 6 b. p. AF-5, p. 1079.

—Report of the Committee appointed by the Board of Directors to examine the accounts of the Treasurer. Albany, 1855. 1 v., 8 x 5 b. p. AF-5, p. 1591.


NEW YORK, LAKE ERIE & WESTERN R. R. Report of the Board of Directors to the Share and Bondholders; 1879-80. N. Y., 1879-80. 2 v., 9 x 6, pap.


NEW YORK, PENNSYLVANIA & OHIO R. R. Annual report of the Board of Directors to the Bondholders and Shareholders; 1891-92. N. Y., 1891-92. 1 v., 10 x 7, pap.


NORFOLK & PETERSBURG R. R. Annual report of the President and Directors to the Stockholders; 1870; 1871; 1875; 1877. Bost., 1870-78. 1 v., 8 x 5 b. p. AF-4, p. 541.

NORFOLK & WESTERN R. R. Annual report of the Board of Directors to the Stockholders; 9th-12th, 14th; 1895-96. ‘96. Phil., 1895-96. 5 v., 9 x 6, mor., pap.

NORTH BRITISH RY. Report by the Directors to the half-yearly general meeting of the Shareholders; 79th-86th; 1883-85. Edin., 1883-85. 4 v., 15 x 10, pap.

NORTH MISSOURI R. R. Annual report of the Board of Directors to the Stockholders; 11th; 1881-84. St. Louis, 1881-84. 1 v., 9 x 6, pap.

NORTHERN PENNSYLVANIA R. R. Annual report of the Board of Directors, with the report of the Treasurer and the Engineer and Superintendent; 14th, 20th, Phil., 1892. 1 v., 9 x 6, pap.

NORTHEASTERN RY. Report of the Directors to be submitted to the Proprietors at the half-yearly general meeting; 59th-62nd; 1863-68. Newcastle-on-Tyne, 1863-68. 1 v., 10 x 7, pap.

NORTHERN CENTRAL RY. Address of the President and Directors to the Stockholders; 1899-1905. Balt., 1899-1905. 1 v., 9 x 6, b. p. AF-4, p. 541.

—Annual report of the President and Directors to the Stockholders; 8th, 16th; 1898, 70. Balt., 1898-70. 2 v., 9 x 6, pap.


NORTHERN PACIFIC R. R. Report of the Comptroller, for the fiscal year ending June 30th, 1895. N. Y., 1895. 1 v., 9 x 6, pap.

—Report of the Board of Directors to the Stockholders at their annual meeting; 1893-94. N. Y., 1893-94. 18 v., 9 x 6, pap.


—Same; 7th; 1852. 1 v., 8 x 5, b. p. Ab-1, p. 237.


NORTHERN RY. OF CANADA. Report submitted by the Canadian Board of Directors, at the annual meeting of the Proprietors; 1852. Toronto, 1852. 1 v., 9 x 6, pap.

NORTHWESTERN R. R. Annual report of the President and Directors, with the report of the Chief Engineer; 51; 1864. Phil., 1864. 1 v., 9 x 6, pap.

NORTHWESTERN VIRGINIA R. R. Annual report of the President and Directors to the Stockholders; 6th; 1887. Balt., 1887. 1 v., 9 x 6, pap.

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164 PITTSBURGH & CONNELSVILLE R. R. Annual report of the President and Chief Engineer to the Stockholders; 1893. Pittsburgh, 1893. i v., 9 x 6, pap.

165 PITTSBURGH & STEUBENVILLE R. R. Annual report of the President and Directors to the Stockholders; 64; 1893. Pittsburgh, 1893. i v., 9 x 6, pap.

166 PITTSBURGH, CINCINNATI & ST. LOUIS RY. Annual report of the Board of Directors to the Stockholders; 7th, 12th. Pittsburgh & Phil., 1875-80. 2 v., 9 x 6, pap.

167 PITTSBURGH, PORT WAYNE & CHICAGO RY. Annual report of the Directors to the Stockholders; 1st-4th; 1866-67. Pittsburgh, 1866-68. 6 v., 9 x 6, pap.


115 —Semi-annual report of the Directors to the Shareholders; 2d, 1869. Pittsburgh, 1869. i v., 9 x 6, pap.

500 PITTSBURGH, TITUSVILLE & BUFFALO RY. Annual report; 1st, 3d-5th; 1878, 1879-80. 2 v., 9 x 6, pap.

501 POTSDAM & WATERTOWN R. R. Exhibit, with a map showing its relations to other and connecting lines of railway, June 1st, 1854. N. Y., 1854. 1 v., map, 9 x 6, b. p. A7-8, p. 266.

502 RACINE & MISSISSIPPI R. R. Annual report; 3d; 1866. N. Y., 1866. i v., 9 x 6, pap.


504 RICHMOND & PETERSBURG R. R. Proceedings of the Stockholders at their general meetings, and reports made by the President and Directors to the Stockholders; 30th, 44th; 1855, 1859. Richmond, Va., 1855-59. 2 v., 8 x 5, 9 x 6, pap.

505 RICHMOND, FREDERICKSBURG & POTOMAC R. R. Annual meeting of the Stockholders; 19th; 1829. Richmond, Va., 1829. i v., 9 x 5, pap.

506 RIO GRANDE WESTERN RY. Annual report to the Stockholders; 1890-96, 96. N. Y., no date. 5 v., 9 x 6, pap.

507 ROME WATER TOWN & OGDENSBURG R. R. Annual report of the Board of Directors; 1892-94, 95. N. Y., 1892-97. 3 v., 9 x 6, pap.


509 RUTLAND R. R. Reports of the Managers to the Stockholders; with the official proceedings of the annual meeting; 1871. Rutland, Vt., 1872. 1 v., 9 x 6, pap.

510 SACKET HARBOR & SARATOGA R. R. Annual report; 2d; 1894. N. Y., 1894. 1 v., 9 x 6, pap.

511 ST. LAWRENCE & ATLANTIC R. R. Proceedings of a special general meeting of Proprietors, held in Montreal on the 30th of July, 1846; and the report of A. C. Morton, Chief Engineer, Montreal, 1846. 1 v., 9 x 6, pap.

512 —Proceedings of the third annual general meeting of Proprietors of the St. L. & A. R., held in Montreal on the 19th of Jan., 1848; with the report of the Directors, and Chief Engineer, Montreal, 1848. 1 v., 9 x 6, b. p. A7-1, p. 467.

513 —Report of the President and Directors; 1847. Portland, 1847. 1 v., 9 x 6, pap.


515 ST. LOUIS, ALTON & TERRE HAUTE R. R. Annual report of the Board of Directors; 1st-8d; 1862-65. N. Y., 1864-66. 3 v., 9 x 6, pap.

516 —General Superintendent's report of operations and business; June 30th, 1863. St. Louis, 1863. 1 v., 9 x 6, pap.

517 ST. LOUIS & IRON MOUNTAIN R. R. Annual report of the Board of Directors; 11th-18th; 1893-94. St. Louis, 1893-94. 2 v., 9 x 6, pap.

518 —Same; 3d; 1894. 1 v., 9 x 6, b. p. A7-1, p. 416.

519 ST. LOUIS & SOUTHEASTERN RY. Annual report of the Receivers; 3d; 1877. St. Louis, 1877. 1 v., 9 x 6, pap.

520 ST. LOUIS, IRON MOUNTAIN & SOUTHERN RY. Annual report to the Stockholders; 4th; 1877. St. Louis, 1878. 1 v., 9 x 6, pap.

521 ST. LOUIS, VANDALIA & TERRE HAUTE R. R. Annual report of the President and Treasurer of the operations of the Company; 4th; 1874. Pittsburgh, 1875. 1 v., 9 x 6, pap.

522 ST. PAUL, MINNEAPOLIS & MANITOBA RY. Annual report: 18th-14th, 16th; 1890-98, 96. no place, no date. 3 v., 9 x 6, pap.
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274 SAN FRANCISCO & MARYSVILLE R. R. Reports of the Board of Directors and Chairman to the annual meeting of the Stockholders; 1860. Marysville, 1860. 1 v., 9 x 6, pap.


276 SEABOARD & ROANOKE R. R. Annual report of the President and Directors to the Stockholders; 1872; 1874. Norfolk, 1874. 1 v., 9 x 6, pap.

277 SONORA RY. Annual report of the Board of Directors to the Stockholders; 1861. Bost., 1862. 1 v., 9 x 6, pap.


280 SOUTHEASTERN RY. Report of the Directors to be submitted to the Proprietors at the half-yearly general meeting; 1864-65. 10th; 1865-66. Lond., 1865-66. 6 v., 14 x 10, pap.

281 SOUTHERN PACIFIC CO. Annual report of the Company; its proprietary properties and leased lines; 1889-92. San Francisco, 1890-92. 4 v., 10 x 8, pap.

282 SOUTHERN PENNSYLVANIA IRON & R. R. CO. Report of the President and Directors to the Stockholders; 1871. Phil., 1871. 1 v., 9 x 6, pap.


285 SUNBURY & ERIE R. R. Annual report of the Board of Managers to the meeting of the Stockholders; 1847; 1865. Phil., 1865-66. 4 v., 9 x 6, pap.

286 SUSQUEHANNA R. R. Annual report of the President and Directors; accompanied by the report of the Chief Engineer; 1864. Harrisburg, Pa., 1864. 1 v., map, 9 x 6, b. p. (A. B. 4). p. 427.

287 SYRACUSE & UTICA R. R. Report to the Assembly; 1841. no place, 1841. (1) 1 v., 9 x 6, b. p. no title-page.

288 TERRA NEVADO R. R. Annual report of the President and Directors; 1888. St. Louis, 1888. 1 v., 9 x 6, pap.


290 TERRA HAUTE & ALTON R. R. Annual report of the President and Directors to the Stockholders; 1st, 1855. N. Y., 1855. 1 v., maps, 9 x 6, b. p.

291 TERRA HAUTE & INDIANAPOLIS R. R. Annual report of the President and Directors to the Stockholders, for the year ending Nov., 1871. Terre Haute, Ind., 1872. 1 v., 9 x 6, pap.

292 TERRA HAUTE & RICHMOND R. R. Annual report of the President and Directors to the Stockholders; 9th, 1884. Indianapolis, 1884. 1 v., 9 x 6, pap.

293 TERRA & PACIFIC RY. and MISSOURI PACIFIC RY. Report to the Stockholders; 1884. N. Y., 1885. 1 v., 9 x 6, pap.


295 TOLEDO & WABASH RY. Annual report to the Stockholders; 1861. Toledo, 1861. 1 v., 10 x 7, pap.

296 TOLEDO & WABASH & WESTERN RY. Annual report to the Stockholders, 1890. Toledo, 1890. 1 v., 10 x 7, pap.


298 TROY & GREENFIELD R. R. and HOOSAC TUNNEL CO. Annual report; 1863-64. 11th, 1883. 61. no place, 1863-64. 4 v., 9 x 6, pap.

299 —Annual report of the Manager; 1863. 1 v., 9 x 6, pap. no title-page.

300 —Report for the six months ending Dec., 1863. 1 v., 9 x 6, pap. (A. B. 13).

301 TUSCUMBIA, COURTLAND & DECatur R. R. Annual report of the shareholders; 3d-4th; 1885-86. Tuscumbia, Ala., 1886. 1 v., 8 x 5, pap.

302 UNION PACIFIC R. R. Annual report of the Chief Engineer; with accompanying report of Chief of Parties; 1866-69. Wash., 1866-70. 8 v., 9 x 6, pap.

303 —Report of the organization and proceedings of the Company. N. Y., 1864. 1 v., 9 x 6, pap.

304 —Report of the Vice-President and General Manager to the Board of Directors, in relation to the operations of the Engineer Department, and the construction of the railway; 1864-65. N. Y., 1865. 4 v., 9 x 6, pap.

305 —Report to the Stockholders; 1877. N. Y., 1878. 1 v., 9 x 6, pap.
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298 UNION PACIFIC RY. Annual report of the Directors to the Stockholders; 11th-14th; 1890-92. Bost., 1891-94. 4 v., 25 x 19, pap.

299 UTICA & SCHENECTADY R. R. Annual report to the Directors; 3d; 1890. no place, no date. 1 v., 9 x 6, b. p. A-8, p. 577.


300 VERMONT & MASSACHUSETTS R. R. Annual report of the Directors to the Stockholders; 1890. Cambridge, Mass., 1891. 1 v., 9 x 6, pap.

—Same; 1895. 1 v., 9 x 6, b. p. Ab-36, p. 305.

301 VICKSBURG, SHREVEPORT & TEXAS R. R. Annual report of the President, as Chief Engineer, submitted to the Stockholders; 6th; 1892. Monroe, La., 1892. 1 v., 9 x 6, pap.

302 VIRGINIA & TENNESSEE R. R. Annual report of the President and Directors to the Stockholders; 6th; 1895. Richmond, 1895. 1 v., 9 x 6, b. p. A-6, p. 1117.

—Same; 1891. 1 v., 9 x 6, b. p. A-1, p. 1110.

—Same; 7th; 1894. 1 v., 9 x 6, b. p. Ae-1, p. 623.

303 VIRGINIA CENTRAL R. R. Annual report of the President and Directors to the Stockholders at their annual meeting; 1891, 1893, '97, Richmond, 1894-97. 2 v., 9 x 6, pap.


305 WEST CHESTER & PHILADELPHIA R. R. Annual report of the President and Managers; 11th; 1870. Phil., 1870. 1 v., 9 x 6, pap.

—Same; 1892. 1 v., 9 x 6, b. p. Ab-38, p. 381.

306 —Same; 4th; 1894. 1 v., 9 x 6, b. p.

307 WESTERN & ATLANTIC R. R. Reports of the Superintendent and Treasurer to the Governor of Georgia; 1855, 1858. Atlanta, 1855. 1 v., 9 x 6, pap.


309 —Same; 1st-6th; 1890-41. 6 v., 9 x 5, b. p.

310 —Proceedings; with a report of the Committee of Investigation; 1843. Bost., 1843. 1 v., 8 x 5, pap.

311 —Report of the Committee of the Stockholders appointed at the annual meeting in Feb., 1885 to examine into the system of accountability in the Collecting and Disbursing Departments; and also the condition and value of the property of the Corporation; submitted to the Stockholders at their annual meeting, Feb., 1886. Bost., 1886. 1 v., 8 1/2 x 5, b. p. Ab-1, p. 25.

312 WEST WISCONSIN RY. Report of the condition of the Company; Dec. 1st, 1876. N.Y., 1877. 1 v., maps; 9 x 6, pap.

313 WILLIAMSTON & TARBOORO' R. R. Annual meeting of the Stockholders; 1897-98. Tarboro', N. C., 1898. 1 v., 8 x 5, pap.


318 WRIGHTSVILLE & TENNILLE R. R. Annual report; 1st-7th; 1894-95. Savannah, Ga., 1894-95. 7 v., 9 x 6, pap.


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60 ALABAMA—RAILROAD COMMISSIONERS. Annual report; 8th; 1886. Montgomery, 1887. 1 v. 9 x 6. cl.

65 CALIFORNIA—COMMISSIONERS OF TRANSPORTATION. Biennial report; 6d: 1877-78. Sacramento, 1879. 1 v. 9 x 6. cl.

64 — Report to the Legislature; 1877. Sacramento, 1877. 100 pp. 9 x 6. cl.

75 CALIFORNIA—RAILROAD COMMISSIONERS. Annual report; 9th-10th; 1888-89. " v. 9 x 6. cl.

75 CONNECTICUT—RAILROAD COMMISSIONERS. Annual report; to which are added statistical tables compiled from annual returns of the railroad companies of the state; 1877-78. Hartford, 1878-79. 27 v. 9 x 6. cl.

75 — Same; 1884-85. 1 v. 9 x 6. b. p.

73 DAKOTA—BOARD OF RAILROAD COMMISSIONERS. Annual report; 5d; 1886. Bismarck, 1886. 1 v. 9 x 6. cl.

78 GEORGIA—RAILROAD COMMISSION. Annual report; 31st; 1883. Atlanta, 1883. 1 v. 9 x 6. pap.

84 ILLINOIS—RAILROAD AND WAREHOUSE COMMISSION. Annual report; 1st-24th; 1971-94. Note: Reports 8th, 10th, 12th-14th, 17th, wanting. Springfield, 1878-85. 18 v. 9 x 6. cl.

84 IOWA—BOARD OF RAILROAD COMMISSIONERS. Annual report for the year ending June 30th; 1878-97. Des Moines, 1878-96. 20 v. 9 x 6. cl.


93 — Index to all reports, 1878-1894, inclusive. no place, no date. pp. 481-480. 9 x 6. pap.

98 IOWA—EXECUTIVE COUNCIL. Annual report of the assessed valuation of railroad property in the State; 1879-97. Des Moines, 1879-97. 2 v. 9 x 6. pap.


99 KENTUCKY—RAILROAD COMMISSIONERS. Report; 7th, 9th-10th; 1886, '88. Frankfort, 1886-87. 3 v. 9 x 6. cl.


99 MAINE—RAILROAD COMMISSIONERS. Annual report; with statistical tables compiled from the annual returns of the railroad companies operating railroads in the state; 20th-23d, 27th-30th, 41st; 1879-95, '80, '91-97, '96. Augusta, 1879-96. 11 v. 9 x 6. pap. cl.

99 MARYLAND—COMMITTEE ON WAYS AND MEANS. Report in compliance with the order of the House of Delegates in relation to the subscription of the state to certain Internal Improvement Companies. no place, 1896. 99 pp. 9 x 5. b. p. C96-5, p. 357.

99 MASSACHUSETTS. Report of the Joint Special Committee to whom so much of the Governor's address, as related to those railroad corporations for which the state has assumed liabilities, was referred. Bost., 1880. 38 pp. 9 x 5. b. p. Ag-278, p. 427.

100 — Report of the Joint Special Committee, to whom was referred an order of the 18th of January, in relation to the past management and present condition of the Western R. R. Corporation. no place, 1885. 41 pp. 9 x 5. b. p. Ag-278, p. 427.

100 MASSACHUSETTS—BOARD OF DIRECTORS OF INTERNAL IMPROVEMENTS. Report on the practicability and expediency of a railroad from Boston to the harbor of Boston, and from Boston to Providence, submitted to the General Court, Jan. 18th, 1896; to which are annexed the reports of the engineers containing the result of their surveys, and estimates of the cost of a railroad on each of the routes selected. Bost., 1896. 75 + 119 pp., maps 9 x 5. b. p. Ab-308, p. 25.

100 MASSACHUSETTS—BOARD OF RAILROAD COMMISSIONERS. Annual report; 1st-31st; 1870-90. Bost., 1872-1900. 31 v. 9 x 6. cl.


100 — Special report to the Legislature in relation to the disaster on Mar. 14th, 1887, on the Dedham Branch of the Boston & Providence R. R., at the bridge commonly known as the Busey Bridge. Bost., 1887. 450 pp. pl. 9 x 6. cl.

100 — Report of the Commissioner appointed under the resolve of 1848, Chap. 94, relating to railroads crossing each other in the vicinity of Boston, with accompanying plans. no place, 1850. 13 pp., maps 9 x 5. b. p. Ad-3, p. 745.

100 MASSACHUSETTS—COMMITTEE ON RAILWAYS AND CANALS. Annual report for the railroad corporations; 1848-49. Bost., 1848-50. 3 v. 9 x 6. 1/4 ro.

100 — Same; 1896. 1 v. 9 x 5. b. p. Ag-278, p. 355.
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MASSACHUSETTS—JOINT SPECIAL COMMITTEE ON RAILROADS. Report on so much of the Governor's address as relates to those railroad corporations for which the state has assumed liabilities. Bost., 1863. 36 pp., 8 x 5, b. p. Ab-5, p. 48.

MASSACHUSETTS—JOINT SPECIAL COMMITTEE ON THE TUNNEL LINE OF RAILROAD. Report of the committee, to whom was referred that portion of the Governor's message which relates to the Tunnel Line of Railroad. no place, 1874. 45 pp., 8 x 5, b. p. no title-page. Ab-5, p. 699.

7 MASSACHUSETTS—SEY. OF THE COMMONWEALTH. Annual reports of the railroad corporations, to which is added an abstract of said returns; 1861-64, '65-'67. Bost., 1862-66. 7 v., 9 x 6, pap., cl.


55 MICHIGAN—AUDITOR GENERAL. Compilation of the annual reports of the railroad corporations; 1877. Lansing, 1865. 1 v., 9 x 6, pap.

3 MICHIGAN—COMMISSIONER OF RAILROADS. Annual report; 1st-8th, 19th; 1872-79. 9 v., 9 x 6, cl.

81—Comparative summary from returns of 1874-1878, showing percentages of increase and decrease; prepared for the report for 1878. no place, no date. 2 pp., 10 x 14, pap. no title-page.

55 MINNESOTA—RAILROAD COMMISSIONER. Annual report; 1875. St. Paul, 1875. 1 v., 9 x 6, pap.


50 MISSOURI—RAILROAD COMMISSIONERS. Annual report; 8th-10th, 1897-98, '98. St. Louis, no date. 2 v., 9 x 6, cl.

4 NEW HAMPSHIRE—RAILROAD COMMISSIONERS. Annual report; 47th-51st; 1861-1865. Concord, 1862-66. 5 v., 9 x 6, cl.

NEW JERSEY—LEGISLATURE. Report of the committee appointed to examine into the condition, affairs, revenue, and future prospects of the New Jersey Railroad & Transportation Co. Trenton, 1867. 19 pp., 8 x 5, b. p. Ac-19, 9, p. 697.

2 NEW JERSEY—SECRETARY OF STATE. Annual reports of the Railroad and Canal Companies of the State; 1854, '56, '57. Trenton, 1854-60. 4 v., 9 x 6, pap.

NEW YORK—(ASSEMBLY) COMMITTEE ON ALEXANDER & WEST STOCKBRIDGE RAILROAD. Report of the select Committee on the petition of the Mayor and Commonality of the city of Albany relative to raising money for making repairs in the R. S. R. R. no place, 1869. 5 pp., 9 x 6, b. p. Ab-3, p. 112.

NEW YORK—(ASSEMBLY) COMMITTEE ON CLAIMS. Report on the petition of James Seymour for additional compensation for services as engineer rendered to the committee appointed by the House of Assembly of 1841, to investigate the affairs of the New York & Erie R. R. Co. Albany, 1843. 4 pp., 9 x 6, b. p. Cth-27, p. 312.

NEW YORK—(ASSEMBLY) COMMITTEE ON RAILROADS. Report of the Majority of the Committee in relation to a railroad from Ogdensburg to Lake Champlain, no place, 1845. 2 pp., 9 x 6, b. p. Ab-5, p. 591.


Report of the Majority of the Committee on the petitions of several railroad companies, and the petitions of sundry citizens of various counties in the state, praying for state aid, no place, 1869. 81 pp., 9 x 6, b. p. Ab-3, p. 165.


—Report of the Majority of the Committee, upon the petitions of sundry inhabitants of the northern counties in this State, praying for aid to the Washington & Saratoga R. R. Co. no place, 1840. 8 pp., 9 x 6, b. p. Ab-3, p. 351.

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---Report on communications from the Albany & West Stockbridge and the Hudson & Berkshire R. R. Co., relative to certain contracts between those companies, etc. no place, 1841. 9 pp., 9 x 6, b. p. Ab-5, p. 561.

---Report on petitions for and remonstrances against aid from the state to expedite the construction of the Saratoga & Washington R. R., no place, 1841. 7 pp., 9 x 6, b. p. Ab-6, p. 545.

---Report on petitions for the construction by the state of a railroad from Ogdensburg to Lake Champlain. no place, 1841. 10 pp., 9 x 6, b. p. Ab-5, p. 497.


---Report on the petition of inhabitants of the counties of St. Lawrence, Franklin, Clinton, St. Lawrence, etc., in relation to the Ogdensburg & Lake Champlain R. R. no place, 1839. 15 pp., 9 x 6, b. p. Ab-5, p. 149.


---Report on the petition of the President and Directors of the Schenectady & Troy R. R. Co. no place, 1839. 8 pp., 9 x 6, b. p. Ab-5, p. 197.


---Report upon a resolution passed on the 6th day of March last, instituting an inquiry into the affairs of railroad companies, no place, 1840. 15 pp., 9 x 6, b. p. Ab-5, p. 295.

NEW YORK—(ASSEMBLY) COMMITTEE ON WAYS AND MEANS. Report of the Majority of the Committee on the special message of the Governor respecting the imposition of tolls on railroads. no place, 1855. 10 pp., 9 x 6, b. p. Af-5, p. 106.

48 NEW YORK—(ASSEMBLY) SPECIAL COMMITTEE ON RAILROADS. Proceedings of the Committee appointed under a resolution of the Assembly to investigate and report upon the management of railroads chartered by the State of New York. N. Y., 1819. 3 v., in 7, 9 x 6, cl.

49 —Testimony of George R. Blanchard before the Committee appointed to investigate the management in the railroads of the State, Oct. 17th to 25th, 1879. N. Y., 1880. 561 + 55 pp., tab., 9 x 6, cl.

1 NEW YORK—REPORT OF RAILROAD COMMISSIONERS. Annual report; 1885—99. Albany, 1884—1900. 22 v., 9 x 6, cl.

54 —Profile of the grades of the railroads of the State of New York. 27 pl., map, 15 x 10, 8% mor. no title-page.

12 —Report on strains on railroad bridges of the State, June 30th, 1891. Albany, 1891. 1880 pp., II., 9 x 6, mor.

29 ---Sections of rails. 41 pp., 10 x 7, 8% mor. no title-page.


NEW YORK—COMMISSIONERS OF OGDENSBURG & LAKE CHAMPLAIN RAILROAD. Report of the Commissioners appointed to cause a survey to be made of the several routes for a railroad from Ogdensburg to Lake Champlain. Albany, 1841. 115 pp., map, 9 x 6, b. p. Ab-5, p. 501.


NEW YORK—RAILROAD COMMISSIONER. Annual report of the Commissioner, appointed under the act entitled "An act in relation to the construction of the New York & Erie R. R."

23 NEW YORK—SECRETARY OF STATE. Annual report relative to railroad statistics; 1845—47. Albany, 1845—47. 2 v., 8 x 5, b. p.

---Same; 1844. 1 v., 9 x 6, b. p. C48-41, p. 247.

NEW YORK—SENATE COMMITTEE ON COMMERCE AND NAVIGATION. Report relative to the Panama R. R. no place, 1855. 7 pp., 9 x 6, b. p. Ag-5, p. 855.
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28 NEW YORK—(SENATE) COMMITTEE ON RAILROAD ACCIDENTS. Report of the Committee appointed to examine and report the causes of railroad accidents, the means of preventing their recurrence, etc. Albany, 1856. 156 pp., 9 x 6, b. p.

NEW YORK—(SENATE) COMMITTEE ON RAILROADS. Report on sundry petitions for the immediate construction of the New York & Erie R. R. by the state. no place, 1859. 10 pp., 9 x 6, b. p. Ab-6, p. 105.


NEW YORK—SURVEYOR-GENERAL. Report relative to the incorporated Canal and Railroad Companies. 1843. (See Cnf-37, p. 915.)


39 —Special report in answer to House Resolution No. 130. Columbus, 1881. 73 pp., 9 x 6, cl.

4 —Special reports for the year 1884-85. no place, 1885. 221 pp., 10 x 6, cl.

5 OHIO—(SENATE) SPECIAL COMMITTEE ON RAILROADS AND TELEGRAPH COMPANIES. Report, Feb. 1st, 1897. Columbus, 1897. 107 pp., 9 x 6, pap.

74 OREGON—BOARD OF RAILROAD COMMISSIONERS. Biennial report; 1st-9d; 1898-91. Salem, 1898-91. 2 v., 9 x 6, pap.

1 PENNSYLVANIA—AUDITOR-GENERAL. Reports of the several Railroad and Canal Companies; 1861-74. Note: 1866-74 includes reports of Canal and Telegraph Companies. For reports subsequent to 1874 see Annual Report of the Secretary of Internal Affairs, pt. 4. Reports, 1882-93, '93-'95 wanting. Harrisburg, 1894-'95. 9 v., 10 x 6, cl.

41 —Tabulated results compiled from the Annual Reports of Railroads, Passenger Railways, Canal and Telegraph Companies, 1876-78. Note: For subsequent reports see Pennsylvania-Secretary of Internal Affairs. Harrisburg, 1874-78. 3 v., 9 x 6, pap.

37 PENNSYLVANIA—AUDITOR-GENERAL AND STATE TREASURER. Cost, revenue and expenditure of the Public Works of Pennsylvania to Nov. 30th, 1858. Harrisburg, 1858. 18 pp., 9 x 6, pap.

—Same; 1858. 18 pp., 9 x 6, b. p. Fig-6, p. 125.

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117. Delta of the Mississippi, including the river to and above Forts Jackson and St. Philip and the contiguous Gulf waters and Fort St. Philip Ship Canal. U. S. Coast and Geodetic Survey. 1874 (1). (See Qf-468.)

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95 — Letter from the Secretary transmitting papers and documents concerning the improvement of the South Pass of the Mississippi River. U. S. War Department. (46th Cong., 2d Sess. House ex. doc. No. 58, Pt. 1.) Note: Related to the first payment of $500,000 to Jas. B. Eads and his associates for work on the South Pass of the Mississippi River. Wash., 1877. 8 pp., 2 pl., 9 x 6, pap.
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19 — The Mississippi and its forty-four navigable tributaries: A descriptive, commercial and statistical review. A. D. Anderson. Wash., 1890. 56 pp., maps, 5 x 8, pap.
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218 — Mississippi reservoirs and their effect on the floods of the Mississippi System. J. A. Seddon. Wash., 1898. 36 pp., pl., 9 x 6, pap.
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500—Mouths of the Mississippi; Correspondence, etc., 1874-75. J. B. Eads and others. Lond., 1876. 81 pp., map, 8 x 5, b. p. Cf. 5, p. 499.


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330 Testimony of James H. Eads and others, relating to Senate Bill No. 1282, entitled "A bill to amend an act entitled 'An act making appropriations for the repair, preservation and completion of certain public works on rivers and harbors, and for other purposes.'" U. S. (Senate) Committee on Transportation Routes to the Seaboard. Note: Relates to Captain Eads' work on the improvement of the Mississippi River. Wash., 1879. 34 pp., 9 x 6, b. p.

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258 — Highest and lowest annual stages of the Mississippi River and principal tributaries.

259 — Map of the alluvial valley of the Mississippi River from the head of St. Francis Basin to the Gulf of Mexico, showing lands subject to overflow, location of surveyed cross-trial-valley profiles. 1897. (See Q-F-226.)

260 — Map of the Lower Mississippi River; from the mouth of the Ohio River to the head of the Passes. 1861-67. (See Q-M-68.)

261 — Mississippi River: Table of distances from Cairo to the Passes; compiled from the surveys of the Commission, 1883. no place, 1884. 15 pp., 5 x 4, pap.

262 — Preliminary map of the Lower Mississippi River from the mouth of the Ohio River to the head of the Passes. 1891-95. (See Q-F-96.)


264 — Report of the Assistant Engineer, on the investigation of the relations between stage of river and erosion or fill of the bed. J. A. Ockerberg. no place, 1864. 15 pp., 9 x 6, pap.

265 — Reports and tables relating to dredging operations and tests for capacity of Dredge Alpha, 1864-66. Henry Field. no place, 1866. 6 pp., 2 tab., 9 x 6, pap.

266 — Specifications, etc., for furnishing four pile sinkers. St. Louis, 1866. 8 pp., 14 x 8, pap. no title-page.

267 — Specifications, etc., for furnishing self-propelling hydraulic dredges. St. Louis, 1866-69. 8 v., 14 x 8, pap. no title-page.

268 — Specifications, etc., for steel pontoons. St. Louis, 1900. 7 pp., 13 x 8, pap.

269 — Stages of the Mississippi River and of its principal tributaries; 1896-99. no place, 1897-1900. 4 v., 14 x 8, pap.

270 — Stages of the Mississippi River at Rock Island, Ill., Burlington, Ia., Nashville, La., 1878-86 to 1897; being Appendix to "Stages of the Mississippi River and of its principal tributaries for 1896." St. Louis, 1886. 134 pp., 9 x 6, pap.

271 — Supplemental report recommending an immediate appropriation of $200,000 for the receipt of the works of surveys. (46th Cong., 1st Sess. House ex. doc. No. 96.) Wash., 1890. 34 pp., 9 x 6, pap.

272 — MISSOURI RIVER: Geological report of the exploration, by F. Y. Hayden; under the direction of W. F. Raynolds, Corps of Engineers, 1863-65. U. S. Yellowstone and Missouri Rivers Exploring Expedition. 1869. (See Q-C-111.)

273 — Map of the Missouri River; from surveys made in accordance with acts of Congress approved June 18th, 1878, and Mar. 3d, 1879, under the direction of Major Cha's. A. Suter, by D. W. Wellman. U. S.-Corps of Engineers. no date. (See Q-F-451.)

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275 — The Missouri River from Ft. Benton, Mont., to Sioux City, Ia.: Charts Nos. 1 to 100. U. S.-Corps of Engineers. Note: Chart No. 20 wanting. 1891-93. (See Q-F-171.)

276 — Same. Index charts, Nos. 1, 2, 4, 5, 7, 8, and 9. 1892. (See Q-F-171a.)

277 — On the physical characteristics of the Missouri River, and the means used for directing and controlling its channel at St. Joseph, Mo., to D. Mason, St. Joseph, 1875. 26 pp., 9 x 6, pap.

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280 — Specifications, etc., for constructing revetments at Judith, Mont. U. S.-Corps of Engineers. Sioux City, 1899. 8 pp., 14 x 8, pap. no title-page.

281 — MOBILE RIVER: Specifications, etc., for hire of dredging plant for Mobile River and Bay, Ala. U. S.-Corps of Engineers. Mobile, 1868. 2 pp., 14 x 8, pap. no title-page.

282 — Specifications, etc., for removing wrecks of side-dump scows and barges, from Mobile, Ala. U. S.-Corps of Engineers. Mobile, 1895. 2 pp., 14 x 8, pap. no title-page.

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42 —Currents of New York Bay and Harbor. B. A. Colonna. 1889. (See Y1-48, No. 8, p 41.)
43 —Facts relating to the Department of Docks of the City of New York, and reasons for its continuance as a separate department of the city government. E. F. Lynch. N. Y., 1877. 12 pp., 9 x 6, pap.
44 —History of New York. Note: Extracts from the Scientific American, July 10th, 1885. Extract from the New York Times, Aug. 11th, 1885. Extracts from the New York Star, Feb. 10th, 1890. N. Y., 1887. 77 pp., map, 9 x 6, pap.
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49 —Map showing the high and low-water mark and the original city grants of lands under water, made to various parties from 1650 to 1873, extending from Battery to Fifty-first Street, Hudson and East Rivers, New York City; also several pier and bulk-head lines established from 1760 to 1873; comp. by Charles E. Graham, Engineer-in-Chief of the Department of Docks. 1875. (See Qt.6.)
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54 —Plan of permanent improvement of the water front on the East River from Grand to Thirty-fourth Street, proposed by the Commissioners. Department of Docks. N. Y., 1884. 86 pp., map, 9 x 6, cl.
55 —Preliminary project; the future of New York through the system of submarine building invented by J. Weemsaker; view of the future quay and docks; with a eulogy on the method of excavation. Jerome Weemsaker, no place, no date. 9 sheets, 12 x 15, pap.
57 —Protest from the late Engineer-in-Chief of the Department of Docks, New York City, against needless expenditure of public money for the alleged necessary strengthening of the "Béton en masse" walls of the North River Front. C. K. Graham. N. Y., 1875. 15 pp., 9 x 6, pap.
58 —Report in relation to establishing water lines for part of the Harbor of New York. Committee on Commerce and Navigation. (Senate, No. 65.) no place, 1866. 8 pp., map, 9 x 6, pap.
59 —Report of Commissioners appointed to ascertain the rights of the State and of riparian owners to the lands lying under water. New Jersey Legislature, Jersey City, 1895. 74 pp., 9 x 6, pap.
60 —Report of Sub-Committee on improvement of the water front. New York City Committee of Seven. no place, 1866. 15 pp., 9 x 6, pap.
63 —Report of the Committee of the Land Office, relative to New York Harbor encroachments; transmitted to the Senate, Jan. 9th, 1892. Note: Survey of the retained lands along the Hudson and East Rivers. Albany, 1892. 21 + 80 pp., 9 x 6, pap.
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224 —Return to two orders of the House of Commons for a copy of Mr. James Walker's reply, as made to the Admiralty, in respect to the proposedutton dock, Plymouth: also copies or extracts of any correspondence, etc., touching the building of new docks, no place, 1846. 5 pp, pl., maps, 13 x 8, b. p. no title-page.


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227 PORT CHESTER HARBOR. Specifications, etc., for dredging and rock excavation in Port Chester Harbor, N. Y. U. S. Corps of Engineers. N. Y., 1869. 7 pp, 14 x 8, p. p. no title-page.

229 PORT CLINTON HARBOR. Specifications, etc., for reinforcement with stone, and repair of jetties at entrance to Port Clinton Harbor, Ohio. U. S. Corps of Engineers. Cleveland, 1890. 8 pp, 14 x 8, p. p. no title-page.


13 PORT JEFFERSON INLET. Specifications, etc., for furnishing and placing rip-rap stone in jetties at Port Jefferson Inlet, N. Y. U. S. Corps of Engineers. no place, 1856. umpaged, 14 x 8, p. p. no title-page.


226 PORTDYLLIAN HARBOR. First report to the Committee appointed by the Lords of the Treasury, and report from Rear-Admiral Sir J. A. Gordon and Captain H. K. C. Kell to the Lords of the Admiralty, relative to the best means of communicating between London and Dublin, and the relative capabilities of the Ports of Holyhead, Orme's Bay and Portdyllyian, no place, 1846. 50 pp, pl., maps, 13 x 8, b. p.

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—Brief notices of works: Portland Harbor; the Severn Tunnel; the Forth Bridge; the Suez Canal; the Great Western; the Tower Bridge; L. F. Vernon-Harcourt, 1890. (See Cb-113.)

228 —Return to an order of the House of Commons for copies of the reports and plans submitted to the Board of Admiralty for a harbour of refuge and breakwater at the Isle of Portland. no place, 1847. 8 pp, pl., maps, 13 x 8, b. p. no title-page.


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251 — Specifications, etc., for improving harbor at San Luis Obispo, Cal. U. S.-Corps of Engineers. Los Angeles, 1886. 5 pp., 14 x 8, pap. no title-page.


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— Statement of the rights of the M. C. & B. Co. to lands under water in Communipaw Bay, and how they were acquired. Jersey City, 1864. 18 pp., map, 10 x 7, pap.

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5 AUGUSTA CANAL. Enlarged Augusta Canal, Augusta, Ga., its capacity and advantages for the manufacture of cotton goods; with map of location . . . by Byron Holley. N. Y., 1876. 10 pp., map, 9 x 6, pap.

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11—Communication from the President and Directors to the Governor of Maryland. Note: Report of the proceedings of the Company from the publication of the 17th annual report, June, 1846, to Dec., 1845. no place, 1846. 55 pp., 9 x 6, pap.

10—Proceedings of the Stockholders at their adjourned general meetings held on the 6th July and the 16th and 17th Aug., 1848; including the report of the Directors of the 15th of Aug., 1848. Wash., 1848. 41 pp., 9 x 6, pap.


7—Report of the President and Directors to the Stockholders for the quarter ending Nov. 30th, 1872; Feb. 25th, 1873. Annapolis, 1872-73. 2 v., 9 x 6, pap.

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6—Report to the Stockholders on the completion of the C. & O. Canal to Cumberland, Md., a branch of the Potomac Company, and general outline of the history of the C. & O. Canal Co., from its origin to Feb., 1881. Frederick, Md., 1861. 157 pp., 9 x 6, pap.

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94 ILLINOIS & MICHIGAN CANAL. Circular; 1-7; 1846-54. Bost., 1846-50. 7 v., 9 x 5, p.


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98 MANCHESTER SHIP CANAL. Reports of Sub-Committee appointed 9th Oct., 1891, to consider and examine the reports and estimates submitted to the Board of Directors by the Company’s Engineer and the Corporation Engineer. Manchester, 1911. 11 pp., 8 x 5, p. no title-page.

99 —Statement of the Directors for the information of the Shareholders, and the owners and rate-payers of the City of Manchester. no place, 1891. 7 pp., 9 x 6, p. no title-page.


106 —Report of the President to the Board of Directors, Aug. 12th, 1845. Note: Relates to the trouble between the Company and R. L. Colt over the use of water from the Passaic Canal by the River. no place, 1845. 16 pp., 9 x 6, p.


110 —Statement and map showing the unimproved property of the Company, at Jersey City, no place, 1846 (1) 11 pp., map, 9 x 6, p.


119 PENNSYLVANIA CANAL. Annual report; 1st; 1897. Phil., 1898. 1 v., 9 x 6, p.


123 SCHUYLKILL NAVIGATION CO. Report of the President and Managers to the Stockholders; 1844-62. Phil., 1846-63. 18 v. in 1, 9 x 6, b. mor.

125 —Same; 1862-93; 95-97. Phil., 1893-97. 6 v., 9 x 6, p.


136 WELLAND CANAL. Annual report of the Board of Directors; 1892. St. Catharines, Ont., 1893. 1 v., 8 x 5, b. p.

130 WEST BRANCH & SUSQUEHANNA CANAL. Annual report; 1st; 1897. Phil., 1898. 1 v., 9 x 6, p.
WATERWAYS—CANALS—REPORTS, STATE.

CALIFORNIA—COMMISSIONERS OF THE SACRAMENTO RIVER DRAINAGE DISTRICT. Reports of the Chief and Assistant Engineers on the Drainage Canal of the Sacramento Drainage District. 1879. (See De-49.)

ILLINOIS—CANAL COMMISSIONERS. Report to the Governor; Dec. 1st, 1872. Note: Relates to the transfer of the Illinois and Michigan Canal from the Board of Trustees of the State; and also to the condition of the canal, lock and dam at Henry, and the improvement of the Little Wabash River. Springfield, 1872. 71 pp., 9 x 6, b. p.

MICHIGAN—COMMISSIONERS OF THE ILLINOIS & MICHIGAN CANAL. Annual report of the Acting Commissioner to the General Assembly; 6th; 1844; Springfield, 1844. 1 v., 10 x 7, pap.


LOUISIANA—STATE ENGINEER. Report; 1883. no place, 1883. 1 v., 9 x 6, b. p. Ab-8, p. 496.

MARYLAND—COMMITTEE OF INTERNAL IMPROVEMENT. Report on the condition of the Chesapeake & Ohio Canal. no place, 1841. 27 pp., 9 x 6, b. p. Cf-6, p. 337.

MARYLAND—COMMITTEE OF WAYS AND MEANS. Report in compliance with the orders of the House of Delegates in relation to the subscription of the State to certain internal improvement companies. no place, 1888. 96 pp., 9 x 6, b. p. Cf-6, p. 337.

MARYLAND—GOVERNOR. Message upon the subject of the Chesapeake & Ohio Canal Co., to the General Assembly. Annapolis, 1860. 17 pp., 9 x 6, b. p.

MASSACHUSETTS—COMMITTEE FOR WORCESTER COUNTY. Account of a proposed canal from Worcester to Providence, containing the report of the Engineer; together with some remarks upon inland navigation. Providence, 1825. 16 pp., 9 x 6, b. p.


NEW JERSEY—CANAL COMMISSIONERS. Report upon the subject of a canal from the Delaware to the Raritan, made Nov., 1844. Trenton, 1845. 26 pp., 9 x 6, b. p.


Report of the Commissioners appointed for the purpose of exploring the route of a canal to unite the River Delaware, near Easton, with the Passaic, near Newark; with accompanying documents. Morristown, 1851. various pagings, pl., 9 x 6, b. p.

NEW YORK—SECRETARY OF STATE. Annual reports of the railroad and canal companies of the State; 1884, 56, 56, 57, 90-01, 61. Trenton, 1886-88. 8 v., 9 x 5, b. p.


NEW YORK—(ASSEMBLY) COMMITTEE ON CANAL DEPARTMENT. Report of the Minority of the Committee on the Bill to provide for the election of Auditor of the Canal Department. no place, 1865. 7 pp., 9 x 6, b. p. no title-page. Ad-301, p. 5001.

NEW YORK—(ASSEMBLY) COMMITTEE ON CANALS. Report in relation to the completion of a portion of the enlargement of the Erie Canal. Albany, 1843. 4 pp., 9 x 6, b. p.

Report in relation to the Improvement of the Chemung Canal. no place, 1840. 5 pp., 9 x 6, b. p. no title-page.

Report of the Minority of the Committee on so much of the Governor's Message as relates to the canals. Albany, 1848. 11 pp., 9 x 6, b. p.

Report of the Minority of the Committee on that portion of the Governor's Message relating to the canals. Note: Relates to the necessity of completing the unfinished canals of the state. Albany, 1848. 56 pp., 9 x 6, b. p.


Report on so much of the Governor's Message as relates to canals. no place, 1844. 71 pp., 9 x 6, b. p.

Report on so much of the Governor's Message as relates to the completion of the state canals. Albany, 1851. 69 pp., 9 x 6, b. p.
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4—Report on so much of the petition of Hiram Wright and others, complaining of the official misconduct of Canal Commissioners Bouck and Baker, and Engineers Hutchinson and Mills, as relates to the conduct of Commissioner Bouck relative to the neglect and unnecessary delay in opening the Erie Canal. no place, 1855, 2 pp., 9 x 6, b. p. no title-page.

27—Report on the petition of Asa T. Smith, relative to a rehearing on his claims for work done on Section 24 of the Erie Canal Enlargement and for a correction of errors in the estimates for bridges constructed and materials furnished on the Black River Canal. Albany, 1854. 36 pp., 9 x 6, b. p.

27—Report on the petition of Sage, Casler & Co., for a law authorizing and requiring the Canal Board to hear and adjust their claims for further compensation for constructing the Lower Erie Canal Aqueduct across the Mohawk River. Albany, 1842. 2 pp., 9 x 6, b. p.

41—Report on the petitions relative to the new line of the Erie Canal at Rome. (Assembly, No. 125.) no place, 1844. 2 pp., 10 x 6, b. p. no title-page.

3—Report on the proposition to enlarge the Champlain Canal. no place, 1850. 8 pp., map, 9 x 6, b. p. no title-page.

41—Report respecting the application of Frederick House and others, to connect a slip and basin with the Branch of the Genesee Valley Canal at Danville. (Assembly, No. 164.) no place, 1844. 6 pp., 10 x 6, b. p.

NEW YORK.—(ASSEMBLY) COMMITTEE ON CANALS AND INTERNAL IMPROVEMENTS. Report on so much of the Governor's Message as relates to internal improvements. no place, 1860. 39 pp., 9 x 6, b. p. no title-page.

16—Report on the memorial of Harvey Ely and others in relation to the appraisal of property taken for the enlargement of the Erie Canal in the City of Rochester. no place, 1840. 22 pp., 9 x 6, b. p. no title-page.


14—Report on the petition of Peter Barger, Jr. Albany, 1837. 27 pp., map, tab., 10 x 6, b. p.

16—Report on the petition of the inhabitants of the Counties of Saratoga, Fulton, Hamilton and Warren, for the construction of the Secandaga Canal. no place, 1838. 2 pp., 10 x 6, b. p. Ab t., p. 295.

16—Report on the petition of the proprietors of the canal basin at Rochester, known as "Childis Slip." no place, 1839. 10 pp., 9 x 6, b. p. no title-page.

16—Report on the petition requesting the State to purchase the Oneida Lake Canal and Feeder. no place, 1840. 10 pp., 9 x 6, b. p. no title-page.

16—Report relative to the enlargement of the Erie Canal. no place, 1838. 8 pp., 9 x 6, b. p. no title-page.

10—Report relative to the improvement of the Erie Canal. no place, 1835. 33 pp., 9 x 6, b. p. no title-page.

NEW YORK.—(ASSEMBLY) COMMITTEE ON CLAIMS. Report on the memorial of the Mayor, Aldermen and Commonalty, and the petition of about 6,000 citizens of the City of Albany, asking relief from the expenses incurred in excavating the canal basin in said city. Albany, 1846. 16 pp., 9 x 6, b. p.

41—Report on the petition of Brayton & Chesborough for additional compensation for work done on the state canals. no place, 1844. 3 pp., 10 x 6, b. p. no title-page.

41—Report on the petition of Charles Stroud and others for relief, asking for additional compensation for work done on the state canals. no place, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the petition of Geer & Weaver asking for additional compensation for work done on the state canals. no place, 1844. 1 p., 10 x 6, b. p. no title-page.

41—Report on the petition of Geer, Kasson & Breed for additional compensation for work done on the state canals. no place, 1844. 3 pp., 10 x 6, b. p. no title-page.

41—Report on the petition of John Bt. Clute for compensation for work done on the state canals. no place, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the petition of Martin & Dunham, asking for additional compensation for work done on the state canals. no place, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the petition of Merrit Clark for additional compensation for work done on the state canals. no place, 1844. 2 pp., 10 x 6, b. p. no title-page.

37—Report on the petition of Otis Eddy for an allowance of interest on estimates of work and material on the aqueduct over the Schoharie Creek; and also for damages for extending the time for completing the same. Albany, 1832. 5 pp., 9 x 6, b. p.

37—Report on the petition of Solomon Brown, for the passage of a law authorizing the Canal Commissioners to investigate his claim for work done on Section 31 of the Erie Canal Enlargement. Albany, 1848. 4 pp., 9 x 6, b. p.
Cf.—(Continued).

27.—Report on the petition of Solomon Brown, for the passage of a law authorizing the Canal Commissioners to investigate his claim for work done on Section 86 of the Erie Canal Enlargement. Albany, 1849. 3 pp., 9 x 6, b. p.

28.—Report on the petition of William Newton. Note: Pray for additional compensation for work done on the Chenango Canal. no place, 1844. 3 pp., 9 x 6, b. p.

29.—Report on the petitions of Beach, Chapman & McOmber, and of James H. Mallory and others. Note: Pray for compensation beyond contract price in their contracts for bridges on the enlargement of the Erie Canal. no place, 1840. 3 pp., 9 x 6, b. p.

30.—NEW YORK.—ASSEMBLY COMMITTEE ON GRIEVANCES. Report on the petition of Jacob Vanderheyden. Note: Petition for compensation for injury sustained by reason of blasting, in the enlargement of the Erie Canal. no place, 1842. 3 pp., 9 x 6, b. p.

31.—NEW YORK.—ASSEMBLY COMMITTEE ON WAYS AND MEANS. Report on the examination of the Deposit Fund, and on the recommendation of the Comptroller to levy a direct tax. Note: A discussion of the State's relation to the canals. no place, 1840. 37 pp., 8 x 6, b. p., no title-page.

32.—NEW YORK.—ANNUAL APPRAISERS. Annual report; 1869. Albany, 1870. 1 v., 9 x 6, pap.

33.—Report on the memorial of landowners in Frankfurt and German Flats, Herkimer, on the subject of canal damages. (Assembly, No. 101.) no place, 1844. 2 pp., 10 x 6, b. p.

34.—Report on the petition and Bill for the relief of Nathaniel S. Howard for damages caused by the appropriation of his property, and for injury to his mills and mill privileges by the construction of the Chenango Canal. no place, 1844. 4 pp., 9 x 6, b. p., no title-page.

35.—NEW YORK.—CANAL BOARD. Communication transmitting the report of D. C. Jenne, Resident Engineer, in relation to the supply of water for the Black River Canal and Black River. no place, 1850. 6 pp., 9 x 6, b. p., no title-page.

36.—Documents accompanying the report on the enlargement of the Erie Canal. Contents: Reports by John B. Jervis, Nathan B. Roberts, Frederick C. Mills and Holmes Hutchinson. no place, 1851. 231 pp., 9 x 6, b. p., no title-page.

37.—Minutes of the meeting of Aug. 26th, 1852. Albany, 1852. 7 pp., 9 x 6, b. p.

38.—Report giving the names and compensation of officers appointed by the Canal Board and Canal Commissioners. no place, 1840. 12 pp., 10 x 6, b. p., no title-page.

39.—Report in answer to a resolution of the Assembly, of January Ist, 1844, asking for additional information about the decision of the Canal Board in the matter of the petition of William J. Nelson and Ira E. Phillips. (Assembly, No. 70.) no place, 1844. 8 pp., 10 x 6, b. p., no title-page.

40.—Report in answer to resolution relative to the improvement of Seneca River at New Yorkville. no place, 1850. 15 pp., 9 x 6, b. p., no title-page.

41.—Report in answer to resolutions of the Assembly respecting the canal debts and revenues, and the enlargement of the Erie Canal, etc. no place, 1840. 51 pp., 9 x 6, b. p.

42.—Report in relation to Honorey, Consuea and other lakes. (Senate, No. 40.) Note: Report on the question of the expediency of using the lakes as supply reservoirs for the Erie and Genesee Valley Canals. Albany, 1840. 40 pp., maps, 9 x 6, pap.

43.—Report in relation to property shipped and left at Buffalo, Black Rock, Oswego, etc., from 1830 to the present time. Albany, 1840. 19 pp., 9 x 6, b. p., no title-page.

44.—Report in relation to the estimated and actual cost of canals that are finished, and to the estimated cost of those unfinished, etc. no place, 1877. 11 pp., 9 x 6, b. p. Cfr. I, p. 471.

45.—Report in relation to the Genesee Valley Canal. no place, 1859. 12 pp., 10 x 7, pap.

46.—Report in relation to the surplus waters at the dams and short levels on the Oswego Canal. no place, 1840. 4 p., 9 x 6, b. p., no title-page.

47.—Report of damages awarded to canal contractors for breaches of contracts on the part of the State, in consequence of the suspension of the public works by the Act of 1865. Albany, 1841. 2 pp., tab., 10 x 6, b. p.

48.—Report on the Committee on Claims on the petition of Sarge, Walrath & Dunham, relative to the payment of extra compensation for the construction of the combined locks Nos. 15, 18 and 20, on the Northern Division of the Chenango Canal, no place, 1850. 7 pp., 9 x 6, b. p., no title-page.

49.—Report on the Bill to supply the Black River Canal and Black River with water. no place, 1850. 8 pp., 9 x 6, b. p., no title-page.

50.—Report on the claim of Robert Ferro under his contract for the construction of the Champlain Canal. Albany, 1844. 16 pp., 10 x 6, b. p., no title-page.

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15—Report on the petition from certain inhabitants of the Village of Seneca Falls,请求对某些居民的请愿书的扩大化，of the enlargement of the Cayuga & Seneca Canal, no place, 1839. 2 pp., 9 x 6, b. p. no title-page.


41—Report on the petition of George Heath asking for compensation for the violation, by the Director of his contract. (Assembly, No. 91.) no place, 1844. 5 pp., 10 x 6, b. p. no title-page.


41—Report on the petition of Harriet Eddy and Otis Eddy asking for additional compensation for work done on the state canals. (Senate, No. 63.) Albany, 1844. 4 pp., 10 x 6, b. p. no title-page.

41—Report on the petition of John B. Ives asking for an extra allowance on his contract. (Assembly, No. 85.) Albany, 1844. 11 pp., 10 x 6, b. p. no title-page.


41—Report on the petition of John Merriman and others asking compensation for losses on contracts. (Assembly, No. 128.) no place, 1844. 8 pp., 10 x 6, b. p. no title-page.


41—Report on the reference by the Assembly of the petition of Benjamin B. Sage and William B. Williams, asking for additional compensation for work done on the state canals. (Assembly, No. 121.) no place, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the reference by the Assembly of the petition of Tallman & Noyes asking for additional compensation for work done on the state canals. (Assembly, No. 60.) no place, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the reference by the Assembly of the petition of William J. Nelson and Iris E. Philipps asking for additional compensation for work done on the state canals. (Assembly, No. 65.) Albany, 1844. 3 pp., 10 x 6, b. p. no title-page.

41—Report on the reference by the Assembly of the petition of Yates & Vandebugt asking for additional compensation for work done on the state canals. (Assembly, No. 108.) no place, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the reference from the Assembly of the petition of Geer & Weaver. (Assembly, No. 23.) Albany, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the reference from the Assembly of the petition of Geer, Kasson & Breed, asking for additional compensation for work done on the state canals. (Assembly, No. 58.) Albany, 1844. 21 pp., 10 x 6, b. p. no title-page.

41—Report on the reference from the Assembly of the petition of Horace Parmelee asking for additional compensation for work done on the state canals. (Assembly, No. 44.) Albany, 1844. 19 pp., 10 x 6, b. p. no title-page.

41—Report on the reference from the Assembly of the petition of John L. Blevins, concerning the award for damages made to him for certain works on the Erie Canal, Albany, 1844. 94 + 1 pp., 10 x 6, b. p. no title-page.

41—Report on the reference from the Assembly of the petition of Marlett & Dunham asking for additional compensation for work done on the state canals. (Assembly, No. 58.) no place, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the reference from the Assembly of the petition of R. N. Casler, asking for the speedy completion of a bridge across the Erie Canal at Little Falls. (Assembly, No. 133.) Albany, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the reference from the Assembly of the petition of Sanford & Eggers trying for additional compensation for work done on the state canals. (Assembly, No. 69.) Albany, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the reference from the Senate of the petition of J. C. Osgood, asking for additional compensation for work done on the state canals. (Senate, No. 9.) Albany, 1844. 2 pp., 10 x 6, b. p. no title-page.

41—Report on the reference of the petition of A. C. and E. T. Baldwin for an extra allowance on their contract. (Assembly, No. 48.) Albany, 1844. 3 + 1 pp., 10 x 6, b. p. no title-page.

41—Report on the reference of the petition of James H. and Amos B. King asking for additional compensation for work done on the state canals. (Assembly, No. 29.) Albany, 1844. 2 pp., 10 x 6, b. p. no title-page.
WATERWAYS—CANALS—REPORTS, STATE.

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41—Report on the reference of the petition of Jason C. Osgood and Daniel F. Kellogg, asking for additional compensation for work done on the state canals. (Senate, No. 65.) Albany, 1844. 7 pp., 9 x 6, b. p. no title-page.

41—Report on the reference of the petition of Thomas R. Brayton and Thomas W. Chesemore for additional compensation for work done on the state canals. (Assembly, No. 54.) Albany, 1844. 8 pp., 9 x 6, b. p. no title-page.

19—Report relative to a supply of water for the Rome Summit of the Erie Canal. no place, 1836. 11 pp., 9 x 6, b. p.

25—Report relative to the construction of a ship canal between Lake Ontario and the Hudson River. (Assembly, No. 34.) no place, 1835. 28 pp., 9 x 6, b. p.

15—Report upon the petition of Andrew P. Tillman. Albany, 1841. 4 pp., 9 x 6, b. p.

25—Report under the Act of May 3d, 1839, relating to the survey of the several branches of the Hudson River; transmitting the report and estimates of the Engineer; with a communication to the Board from the Surveyor-General. no place, 1840. 35 pp., 10 x 6, b. p.

25—Report under the Act passed May 11th, 1835, in relation to the enlargement of the Erie Canal. (Assembly, No. 96.) no place, 1836. 15 pp., 9 x 6, b. p.


57 NEW YORK—CANAL COMMISSION. Report of the Commissioner having charge of the Black River Canal, and the Erie Canal Feeder, giving an estimate of the amount necessary to finish the same. Albany, 1842. 36 pp., 9 x 6, b. p.

41—Report of the Commissioner having charge of the Western Division of the Erie Canal, upon the combined locks at Lockport. Albany, 1844. 7 pp., tab., 10 x 6, b. p.

6—Report of the Commissioner in charge of the Genesee Valley Canal, in answer to the resolution of the Senate, relative to the cost of completing the work on the navigable portion of the Canal. Albany, 1844. 6 pp., 9 x 6, b. p. no title-page.


7—Report on the survey of the Conewango Canal. no place, 1840. 119 pp., 9 x 6, b. p. no title-page.

41—Statement of Jonas Karin, Jr., in relation to the claim of James H. King and Amos B. King for additional compensation for work done on the state canals. (Assembly, No. 154.) no place, 1841. 4 pp., 10 x 6, b. p. no title-page.


10—Same; 1828-34. Albany, 1838-35. 2 v., 9 x 6, b. p.


6—Same; 1843-45. 50. Albany, 1843-51. 5 v., 9 x 6, b. p.

48—Same; 1843. Albany, 1844. 1 v., 10 x 6, b. p.

8—Same; 1845-49. Albany, 1846-50. 5 v., 9 x 6, b. p.

55—Communication from the Acting Commissioner on the Genesee Valley Canal, transmitting copies of reports made by the Engineer on the said canal. Albany, 1846. 38 pp., 10 x 6, b. p.

55—Communication transmitting the report of the survey in continuation of the Black River Canal. Albany, 1840. 150 pp., map, 10 x 6, b. p.


3—Report as to the supply of water between Tonawanda and Montezuma for the Erie Canal. no place, 1850. 13 pp., pl., map, 9 x 6, b. p. no title-page.

7—Report in answer to a resolution of the Assembly in reference to the cost of the Genesee Valley and the Black River Canals. no place, 1839. 9 pp., 9 x 6, b. p. no title-page.

36—Report in answer to a resolution of the Assembly of the 26th Feb., 1841, relative to contracts on the canal. Albany, 1841. 42 pp., 9 x 6, b. p.


6—Report in answer to a resolution of the Senate of 25th Feb., 1843, in relation to work on the Genesee Valley Canal. no place, 1843. 7 pp., 9 x 6, b. p. no title-page.

6—Report in answer to a resolution of the Senate, relative to the whole number of resident and assistant engineers, and their names, in the employ of the State for the last year, etc. Albany, 1845. 10 pp., 9 x 6, b. p. no title-page.
WATERWAYS—CANALS—REPORTS, STATE.

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7 Report in answer to the resolution of the Assembly, in reference to the locks to be constructed for the improvement and enlargement of the Erie Canal, no place, 1838. 11 pp., 9 x 6, b. p. no title-page.

5 Report in answer to the resolution of the Assembly of the 13th Feb., relative to the enlargement of the Erie Canal, no place, 1838. 11 pp., 9 x 6, b. p. no title-page.

6 Report in answer to the resolution of the Senate relative to the cost of constructing the Genesee Valley Canal. Albany, 1844. 9 pp., 9 x 6, b. p. no title-page.

41 Report ... in relation to contracts made for the enlargement of the Erie Canal, etc. no place, 1841. 6 pp., tab., 10 x 6, b. p.


7 Report in relation to lands overflowed by water on the Tonawanda and Ellicott Creeks. no place, 1836. 15 pp., 9 x 6, b. p. no title-page.


7 Report in relation to the Chemung Canal Feeder. no place, 1838. 4 pp., 9 x 6, b. p. no title-page.


27 Report in relation to the improvement of the Chemung Canal. no place, 1840. 21 pp., 9 x 6, b. p. no title-page.

16 Report in relation to the Junction Canal. no place, 1839. 8 pp., 9 x 6, b. p. no title-page.

27 Report in relation to the length and width of the chamber of the Enlarged Erie Canal locks, etc. no place, 1846. 13 pp., pl., 9 x 6, b. p. no title-page.


10 Report in relation to the survey of the Black River Canal. no place, 1835. 72 pp., 9 x 6, b. p. no title-page.

41 Report of the Acting Canal Commissioners, on the several estimates of the cost of making the Genesee Valley Canal. Albany, 1844. 9 pp., 10 x 6, b. p. no title-page.

41 Report of the Acting Commissioners, on resolutions of the Senate relating to closing the locks on Sunday. (Senate, No. 56.) no place, 1844. 4-1 pp., 10 x 6, b. p. no title-page.

27 Report of the Commissioners having in charge the Middle Section of the Erie Canal Enlargement, in relation to the bridges between Little Falls and Utica. Albany, 1843. 8 pp., 9 x 6, b. p.

41 Report on a reference from the Senate of the petition of Silas Ingraham and others, asking for additional compensation for work done on the state canals. (Senate, No. 74.) Albany, 1844. 4 pp., 10 x 6, b. p. no title-page.

4 Report on a resolution of the Assembly, of the 90th Feb., relative to the amount expended and to be expended in the enlargement of the Erie Canal, no place, 1838. 22 pp., 9 x 6, b. p. no title-page.

7 Report on a resolution of the Assembly relative to the construction of the enlargement of the Erie Canal, no place, 1839. 32 pp., 9 x 6, b. p. no title-page.

10 Report on a resolution of the Assembly, relative to the cost of canals and railroads. no place, 1836. 41 pp., 9 x 6, b. p. no title-page.


16 Report on the Bill for the relief of Livingston Spraker relative to compensation for certain blasting at Little Falls. no place, 1839. 3 pp., 9 x 6, b. p. no title-page.

88 Report on the canals from Lake Erie to the Hudson River, and from Lake Champlain to the same; presented to the Legislature Jan. 31st. 1818. Albany, 1818. 85 pp., 9 x 6, b. p.

95 Report on the petition of Franklyn Livingston and David B. King. Note: Prays for remuneration by the State because of infringement of their patent on the wicket or paddle gate. no place, 1841. 4 pp., 9 x 6, b. p.

6 Report on the petition of inhabitants of Camillus for the use of the surplus waters of the Erie Canal. no place, 1841. 3 pp., 9 x 6, b. p. no title-page.

7 Report on the petition of inhabitants of the Counties of Onondaga, Oneida, Oswego and Madison for the purchase by the State of the Oneida Lake Canal Feeder no place, 1840. 5 pp., 9 x 6, b. p. no title-page.
Cf.—(Continued).

5—Report on the petition of John Stewart and others, and Cody, Beaumont & Horsay, relative to contracts for work on the Erie Canal. no place, 1839. 40 pp. 9 x 6. b. p. no title-page.


4—Report on the petition of Marstall & Dunham relative to the contract of the 13th Jan. 1837, for the construction of Lock No. 3 of the enlargement of the Erie Canal. no place, 1839. 2 pp. 9 x 6. b. p. no title-page.

4—Report on the petition of Daniel Tallorge, Sage & Co., and Clark, Strover & Summer, relative to contracts for the construction of locks on the Glen's Falls Feeder to the Champlain Canal. no place, 1839. 6 pp. 9 x 6. b. p. no title-page.

5—Report on the petition of Peter Barry, Jr., relative to contracts for work on the Chenango Canal. no place, 1837. 30 pp. 9 x 6. b. p. no title-page.

6—Report on the petition of sundry inhabitants of Washington and Rensselaer Counties, for a side-cut from the Champlain Canal into the Hudson River at Stillwater. no place, 1841. 8 pp. 9 x 6. b. p. no title-page.

35—Report on the petition of the Cohoes Co. (Senate, No. 40.) Note: Prays for compensation for damage to property done by the enlargement of the Erie Canal. no place, 1837. 6 pp. 9 x 6. b. p.

5—Report on the petition of the residents of Monroe County, praying for the removal of the canal feeder dam on the Genesee River. no place, 1841. 8 pp. 9 x 6. b. p. no title-page.

34—Report on the petition of the inhabitants of Watervliet for the construction of two bridges over the canal at West Troy. (Assembly, No. 149.) no place, 1844. 3 pp. 10 x 6. b. p. no title-page.

34—Report on the petition of Timothy Eddy asking for compensation for damages done to his property by the failure of the Fort Edward Dam. (Senate, No. 46.) no place, 1844. 4 pp. 10 x 6. b. p. no title-page.

6—Report on the petition of William Coleman and others, relative to contracts for constructing Locks Nos. 7, 9, 10, 11 and 12 of the enlargement of the Erie Canal. no place, 1839. 2 pp. 9 x 6. b. p. no title-page.

6—Report on the petition of William L. Crosett, Amos Story and Moses Cole, relative to the contract for constructing Section No. 8 of the Northern Division of the Chenango Canal. no place, 1837. 42 pp. 9 x 6. b. p. no title-page.


41—Report on the reference by the Assembly of the petition of Samuel Cheever asking for the maintenance by the State of the fence bordering the Champlain Canal to the City of Plattsburg. no place, 1844. 8 pp. 9 x 6. b. p. no title-page.

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9 —Same: 1867, '44-'47. Albany, 1848-48. 5 v., 9 x 6, b. p.
59 —Same: 1869. Albany, 1870. 1 v., 9 x 6, pap.
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27 —Same: 1841-42. Albany, 1842-43. 2 v., 9 x 6, b. p.
31 —Same: 1843, '45-'46. Albany, 1844-17. 3 v., 9 x 6, b. p.
84 —Same: 1848. Albany, 1849. 1 v., 9 x 6, pap.
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37 —Report in answer to a resolution of the Assembly respecting the pledges of the proceeds of the Mill Tax. Albany, 1848. 3 pp., 9 x 6, b. p.
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DC—(Continued).

498 — History of the Boston Water-Works from 1800 to 1878: being a supplement to a "History of the introduction of pure water into the City of Boston: with a description of its Cochituate Water-Works, etc., 1808." Bost., 1878. 250 pp., pl., maps, 10 x 7, 44 mo.

499 — History of the introduction of pure water into the City of Boston: with a description of its Cochituate Water-Works. J. N. Bradlee. Bost., 1888. 8, t 1 + 1 + 260 pp., maps, 9 x 6, 6 b. p.

500 — Inquiry into the best mode of supplying the City of Boston with water for domestic purposes; in reply to the pamphlets of Mr. Wilkins and Mr. Shattuck, and also to some of the representations to the Committee of the Legislature on the hearing of the petitions of the City; by a member of the late Board of Water Commissioners. Bost., 1845. 70 pp., 9 x 6, b. p.


517 — Majority report of the Committee on Water, on union of Mystic and Cochituate Water Boards. (City doc. No. 58.) no place, 1874. 9 pp., 9 x 6, 6 b. p.

524 — Map showing the several systems of supply already constructed; also the drainage areas of Lake Cochituate and the Charles, Sudbury, Shawsheen and Mystic Rivers, May, 1878. no place, no date. sheet, 41 x 81, ps.

570 — Method used to determine the best capacity to give to Basin No. 6, Boston Water Works. Desmond FitzGerald. no place, 1861. 8 pp., 9 x 6, 6 b. p.

538 — Monthly report of the Water Commissioners; 1st; May, 1846. (City doc No. 26.) Bost., 1846. 1 v., 9 x 6, 6 b. p.

539 — Mystic water rates. unpaged. 6 x 4, 6 b. p. no title-page.

540 — On the Boston water supply. W. H. Nichols. no place, 1880. 11 pp., 9 x 6, 6 b. p. no title-page.

541 — Opinion relative to amount of water that can be furnished from Spot Pond to the City of Boston. J. F. Baldwin. (City doc. No. 5.) Bost., 1888. 15 pp., 9 x 6, 6 b. p. no title-page. Oc-148, p. 21b.

543 — Order reported by the Committee on Water authorizing the Water Commissioners to purchase and pay for lands and water rights in the name of the City of Boston. (City doc. No. 45.) Bost., 1847. 2 pp., 9 x 6, 6 b. p.

544 — Papers relating to the introduction of pure water. (City doc. No. 9.) Bost., 1888. various pagination, 9 x 6, 6 b. p.

597 — Petitions for damages for the diversion of Sudbury River by the City of Boston; being the petitions, testimony and arguments of Counsel presented before the Commissioners under the Act of Legislature for supplying the City of Boston with pure water. W. G. Russell, J. B. Francis and C. A. Stevens. Bost., 1878. 14 + 1161 + 18 pp., 9 x 6, 6 bds.

597 — Proceedings before a Joint Special Committee of the Massachusetts General Court, upon the petition of the City of Boston for leave to introduce a supply of pure water into that city from Long Pond; Feb. and Mar., 1845. Bost., 1846. 144 pp., 9 x 6, 6 b. p.

756 — Proposals for building Sections 4-6, 7-8, 11-12, 14, 15-17 of the Sudbury River Conduit. no place, 1875. 9 v., 10 x 7, 6 b. p.

438 — Quarterly report of the Joint Standing Committee on Water; Jan. 9d, 1847. (City doc. No. 5.) Bost., 1847. 1 v., 9 x 6, 6 b. p.

19 — Remarks on some algae found in the water supplies of the City of Boston. W. G. Farlow. no place, 1877. pp. 73-80, 9 x 6, 6 b. p.


490 — Report of the Cochituate Water Board, in reply to an order of the City Council, passed Oct. 31st, 1878, relating to the available quantity and purity of the Mystic water, and to other matters connected with an additional supply for Boston. Bost., 1874. 30 + 100 pp., 9 x 6, 6 b. p.

508 — Report of the Cochituate Water Board, on an additional supply of water, with the report of the Chief and Consulting Engineers appointed to investigate the subject. (City doc. No. 29.) Bost., 1878. 8 + 80 pp., pl., 9 x 6, 6 b. p.


493 — Report of the Commissioners appointed by the City Council, Aug. 29th, 1844, to report the best mode and expense of bringing the water of Long Pond into the City of Boston. (City doc. No. 24.) Bost., 1844. 25 pp., 9 x 6, 6 b. p.

444 — Report of the Commissioners appointed to examine the sources from which a supply of pure water may be obtained for the City of Boston. J. B. Jervis and W. H. Johnson. Bost., 1845. 138 + 32 pp., ill., maps, 9 x 6, 6 b. p.

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Dec.—(Continued).


21 —Report of the Joint Standing Committee on Water, in reply to various orders of the City Council pertaining to additional supply of water; with report of City Engineer. (City doc. No. 33.) Bost., 1924. 30 + 170 pp., map, 9 x 8, b. p.


428 —Report of the Joint Standing Committee on Water, on the petition of S. W. Hall, that the water from Lake Cochituate may be carried to East Boston. (City doc. No. 38.) Bost., 1896. 14 pp., 9 x 6, b. p.

444 —Report of the Joint Standing Committee on Water, on the petition of Elias P. Barnes and others. (City doc. No. 6.) Bost., 1867. 36 pp., 9 x 6, b. p.


460 —Report of the Joint Standing Committee on Water; together with report of the City Engineer, in reply to orders of the City Council pertaining to an increased supply of water from the Cochituate and Mystic Lakes combined, and an additional supply from Charles River. Bost., 1874. 184 pp., pl., map, 9 x 6, b. p.

50 —Report of the Medical Commission of Boston, upon the sanitary qualities of the Sudbury, Mystic, Shawsheen, and Charles River waters. Bost., 1874. 100 pp., 11 pl., 9 x 6, b. p.

595 —Report of the State Board of Health, upon a Metropolitan water supply. Bost., 1886. 37 + 265 pp., maps, 9 x 6, cl.


595 —Report of the Water Commissioners, on the material best adapted for distribution water pipes; and on the most economical mode of introducing water into the streets of Boston. Bost., 1868. 67 pp., 9 x 6, b. p.

595 —Report of the Water Commissioners, respecting the progress of the Water-Works. (City doc. No. 6.) Bost., 1898. 9 pp., 9 x 6, b. p.

595 —Report of the Water Commissioners: with a statement of the number of hydrants in the City. (City doc. No. 8.) Bost., 1898. 4 pp., 9 x 6, b. p.


595 —Report of Water Board, on supply of Cochituate water for East Boston. Bost., 1879. 4 pp., map, 9 x 6, b. p. no title-page.


595 —Same. ed. 2. enl. Bost., 1883. 148 pp., maps, 9 x 6, b. p. Cb-6, p. 511.


595 —Schedule of rates of charges by the Water Commissioners, for the use of water from the Boston Water-Works. (City doc. No. 8.) Bost., 1886. 4 pp., 9 x 6, b. p.

595 —Sem-annual report of the Boston Water Commissioners to the City Council; Dec. 81, 1847. (City doc. No. 44.) Bost., 1847. 1 v., 9 x 6, b. p.

506 —Short description of the Boston Water-Works; by Desmond Fitzgerald, Resident Engineer. Bost., 1880. 32 + 2 pp., map, 9 x 6, cl.


597 —Specifications and contract for a Belpaire fire-box boiler. no place, 1898. 24 pp., 10 x 6, b. p.
WATER SUPPLY—WORKS.

1. Specifications and contract for high-service Pumping Engine, No. 3, no place, 1847, 10 x 8, pap.

2. Specifications and contract for Mystic Station Pumping Engine, No. 4, Bost., 1886, 86 pp., 10 x 8, pap.

3. Specifications for masonry work, gate-house, bulkhead, etc., for the Boston Water-Works, no place, 1847, various pagings, 11 x 8, b. p., no title-page.

4. Statutes relating to the introduction of water into the city, 1793. (See De-498, Annual report, 1879, p. 97.)

5. Steel forgings for high-service Pumping Engine No. 3: Specifications and contract, Apr., 1892, Bost., 1892, 10 pp., 10 x 8, pap.

6. Steel forgings for Mystic Station Pumping Engine No. 4: Specifications and contract, 1886, Bost., 1886, 10 pp., 10 x 8, pap.


9. BOUND BROOK, N. J. Specifications for masonry dams, Nos. 1 and 2, for Bound Brook Water-Works, no place, 1886, 9 pp., 12 x 8, pap., no title-page.


11. BRADFORD, ENG. Copy of all correspondence to or from the Home Office, and reports relating to the unsafe state of the Bradford Water-Works Reservoirs, since the 1st day of December last, no place, 1886, 9 pp., 12 x 8, b. p.

12. Copy of further correspondence relating to the Bradford Water-Works Reservoirs, in continuation of papers already presented. no place, 1886, 11 pp., 12 x 8, b. p.

13. Reports made to the Secretary of State for the Home Department, on the condition of the reservoirs belonging to the Corporations of the Borough of Sheffield and Bradford, in the County of York. no place, 1884, 1 v., pl., map, 12 x 8, pap.

14. BRADFORD, PA. Specifications of the manner of constructing dam and masonry for reservoir on Gilbert Brook, no place, 1887, 6 pp., 8 x 5, pap., no title-page.

15. BRIDGEPORT, CONN. Annual reports relating to the water supply of the city. (See Ob-40-2.)


18. BRIDGEPORT, N. J. Annual report of the Water Committee, accompanied by the report of the Superintendent and City Treasurer; 1st-Sat. 1878-88. Bridgeport, 1878-88, 5 v., 8 x 5, pap.


20. BRISBANE, QUEENSLAND. Plans prepared for the Gold Creek Reservoir, Contracts 4 and 5. Brisbane, 1888, pl., 9 x 6, pap., no title-page.

21. BROOKLINE, MASS. Annual report of the Water Board; 1st-3d, 9th: 1876-78, '84. Brookline, 1876-88, 4 v., 9 x 6, pap.


23. Report of the Committee appointed by the Town of Brookline to examine the sources of water supply, Sept., 1879. Bost., 1879, 58 pp., map, 9 x 6, pap.

24. Report of the Committee on Water Supply; with letters bearing upon the subject from engineers and contractors. Brookline, 1879, 42 pp., 9 x 6, pap.

25. Supplementary report of the Committee on Water Supply; with letter of George S. Greene. Brookline, 1879, 7 pp., 9 x 6, pap.


27. BROOKLYN, N. Y. Act to provide for the supply of the City of Brooklyn with water, passed Feb. 11th, 1857; with Acts of the Water Commissioners relating thereto. no place, 1877, 18 pp., 8 x 5, b. p.

28. Act to provide for the supply of the City of Brooklyn with water, passed Apr. 1858, 10 pp., 8 x 5, b. p.

29. Act to supply the City of Brooklyn with water, passed June 3d, 1858; with the amendments passed Apr. 7th, 1864. (See De-526, p. 107.)

30. Additional pipe conduit. Specification. no place, 1886, 122 pp., 11 x 8, pap.
WATER SUPPLY—WORKS.

460 — Address of the Board of Water Commissioners to the citizens of Brooklyn; with a statement from the Chief Engineer. Note: Reply to a report of the Investigating Committee of the Common Council, of Mar. 7th, 1869. N. Y., 1869. 33 pp., 8 x 5, b. p.

490 — Analytical investigations made to determine the causes affecting the quality of the water supply during the summer of 1866. Brooklyn, 1867. 10 + 136 pp., ill., 1 x 6, 8 x 10, 9 x 6, 94 ro.

445 — Annual report of the Nassau Water Department to the Common Council; 4th, 7th-12th; 1889, 1896-97. Brooklyn, 1896-76. 8 v., in 2, 9 x 6, 94 ro.

449 — Same; 8t, 8th-9th; 1889, '94-'97. 8 v., in 2, 8 x 5, b. p.

445 — Annual reports of the Department of Public Works. (See Ob46-81.)

405 — Brooklyn Water-Works. A. S. Smith. no place, 1860. 136 pp., 7 pl., Il x 6, 14 x 8, b. p.

195 — Brooklyn Water-Works and sewers: A descriptive memoir. N. Y., 1867. 26 + 140 pp., 2 pl., map, 15 x 18, cl.

195 — Brooklyn Water-Works: Diagram explanatory of the distribution. N. Y., 1869. sheet, 8 x 48, pap.

305 — By-laws, rules and regulations of the Board of Water Commissioners; adopted Aug. 7th, 1867. Brooklyn, 1867. 7 pp., 8 x 5, 6, b. p.

445 — Canvas of proposals for the construction of the storage reservoir in Hempstead Valley, and specifications and contract of Kingsley & Keeney, for construction of the same in 1872. Brooklyn, 1872. 104 pp., 10 x 7, pap.

195 — Charter of the Nassau Water Co., Incorporated Apr. 19th, 1853, for the purpose of supplying the consolidated City of Brooklyn with pure and wholesome water. Brooklyn, 1859. 14 pp., 8 x 5, 6, b. p.

195 — Communication from the Engineer to the Board of Water Commissioners, on the present position of the canal grade, accompanying comparative estimates of canal and conduit between Bayside's Pond and Hempstead Creek. no place, 1867. 6 pp., 8 x 5, b. p.

195 — Communication of the Board of Water Commissioners to the Common Council, proposing to change the plan of the water-works by substituting a closed conduit for the open canal. Brooklyn, 1863. 19 pp., 8 x 5, b. p.

195 — Communication of the Board of Water Commissioners to the Mayor and Common Council, 28th Aug., 1867. Note: Relates to the work on the canal of the Brooklyn Water-Works from Bayside's Pond to Parsonage Creek. N. Y., 1867. 10 pp., 8 x 5, b. p.

195 — Communication to the Board of Water Commissioners, relative to the second distributing main from Ridgewood Reservoir; by James P. Kirkwood, Chief Engineer. Brooklyn, 1865. 13 pp., 8 x 5, b. p.


520 — Extension of the aqueduct east of Rockville Centre: Notice to the contractors, andilers. Note: Proposal and contract, Sections 1-4, 5-8. no place, 1866. 7 v., 11 x 8, 8, pap.

660 — History and description of the water supply of the City of Brooklyn, by the Department of City Works. no place, 1860. 24 + 306 pp., ill., por., 45 pl., 81 tab., 14 x 18, cl.

655 — In the City Court of Brooklyn; William C. Kingsley and Abner C. Keeney against the City of Brooklyn: Report of the Referee, and their opinion. J. A. Lott, T. H. Rodman and B. H. Fisher. Note: Case relating to the construction of the Hempstead Reservoir. Brooklyn, 1877. 60 pp., 10 x 7, pap.

535 — Laws and acts relating to the water supply of the City of Brooklyn. I. M. de Varona. 1898. (See De-625, p. 949.)

470 — Majority and Minority reports of the Water Committee, on the communication of the Water Commissioners proposing to substitute a conduit in lieu of a canal; with the action of the Common Council thereon. Brooklyn, 1865. 10 pp., 9 x 6, pap.


260 WATER SUPPLY—WORKS.

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375—Report in reference to the storage reservoir on Parsonage Creek; made to the Joint Committee on Law, Water and Drainage of the City of Brooklyn. W. B. Burnett. N. Y., 1876. 12 pp., 11 x 7, pap. no title-page.


445—Report made to the Water Committee of the Common Council of the City of Brooklyn, Mar. 1884, on a proposed plan for the introduction of water. W. B. Brooklyn, Brooklyn, 1884. 59 pp., 8 x 5, b. p.

480—Report made to the Water Committee of the Common Council of the City of Brooklyn, on supplying the city with water. W. J. McAlpine. Brooklyn, Brooklyn, 1886. 189 + 1 pp., 9 x 6, b. p.

485—Report of John S. Stoddard, City Surveyor, on the subject of supplying Brooklyn with water by the well system. Brooklyn, 1854. 16 pp., 8 x 5, b. p.

490—Report of the Chief Engineer, in relation to proposals made by various parties to protect the cast-iron pipes from corrosion. N. Y., 1869. 28 pp., 8 x 5, b. p.

495—Report of the Chief Engineer of the Board of Water Commissioners, on the gaugings of the several sources of water supply for the Brooklyn Water-Works. Brooklyn, 1858. 39 pp., 8 x 5, b. p.

500—Report of the Chief Engineer, on the position of the Prospect Hill Engine House; with notes of certain experiments made on the water deliveries of portions of the Croton and Jersey City pipe mains. N. Y., 1869. 26 pp., pl., tab., 8 x 5, b. p.

505—Report of the Commissioner of City Works, commenting upon the reports of A. W. Craven and Augustus Kurbt upon the water supply of the City of Brooklyn. Brooklyn, 1853. newspaper slips.

510—Report of the Common Council, submitting the correspondence with the Long Island Water-Works Co. 1854. (See De-68, p. 73.)

515—Report of the Special Committee of the Common Council, on supplying the City with water; made Jan. 8th, 1849. (City doc. No. 11.) Brooklyn, 1849. 8 pp., 9 x 6, b. p.

520—Report of the Standing Committee on Water; and communications of W. J. McAlpine and J. B. Jervis on the subject of water for the City of Brooklyn. Brooklyn, 1851. 34 pp., 8 x 5, b. p.

525—Report of the Water Committee made to the Common Council, Mar. 18th, 1854; with report of Ward B. Burnett, on introduction of a supply of water. Brooklyn, 1854. 56 pp., 8 x 5, b. p.

530—Report of the Water Committee of the Common Council of the City of Brooklyn; and accompanying documents, presented May 5th, 1855. Note: Report relating to the proposed subscription of the City to the stock of the Nassau Water Co. Brooklyn, 1856. 47 + 1 pp., 8 x 5, b. p.


540—Report on the extent and character of the district supplying water to the City of Brooklyn, with a communication in relation to the same from James P. Kirkwood, Engineer of the Works; and an analysis of the water of the Jamaica Reservoir; by A. K. Eaton, Chemist. Theodore Weston. Brooklyn, 1851. 66 pp., pl., 8 x 5, b. p.

545—Report on the final location of the conduit and canal line, Brooklyn Water-Works. 1854. (See De-62, p. 63.)

550—Report on the future extension of water supply for the City of Brooklyn, by the Department of City Works. no place, 1866. 78 pp., pl., maps, 18 x 12, cl.


560—Reports by mechanical engineers, on trials of duty made in 1867 and 1869, upon the Brooklyn, Hartford and Cambridge Pumping Engines. N. Y., 1893. 88 + 1 pp., 5 pl., 2 tab., 8 x 5, b. p.

565—Reports made to the Commissioner of City Works, upon the water-supply of the City of Brooklyn. Brooklyn, 1875. newspaper slips.

570—Reports on trial of duty and capacity of the pumping engines, No. 5, at Ridge-wood, and No. 1, at Prospect Hill; made in 1861-62. N. Y., 1862. 47 pp., il., 8 x 5, b. p.

575—Reports relating to the Chicago and Brooklyn Water-Works. W. J. McAlpine, no place, 1822. 553 pp., 14 x 9, ¾ sh. no title-page. manuscript.

580—Rules and regulations, adopted by the Board of Water Commissioners, in relation to the no place. 1857. 9 pp., 8 x 5, b. p.

585—Rules and regulations in relation to water and sewers. 1866. (See De-69, p. 273.)
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427 — Sanitary qualities of the water supply of New York and Brooklyn; with chemical analysis, by C. F. Chandler. Elisha Harris. N. Y., 1889. 16 pp., 9 x 6, b. p.

449 — Specifications, etc., governing the laying, by contract, of cast-iron pipes in Brooklyn and its vicinity. no page. 4 pp., 14 x 8, b. p.

451 — Specifications for construction of water-works for the City of Brooklyn. (Doc. 265, p. 926.)

459 — Statement of the Board of Water Commissioners, of water pipes laid during the seasons of 1867, 1868, and 1869; together with a report by John H. Rhodes, on the manufacture of cast-iron pipes. N. Y., 1870. 68 pp., 8 x 6, b. p.

461 — Statement of the views and position of the Board of City Works, in relation to the completion of the new storage reservoir in Hempstead Valley, no page. 1873. 47 pp., 9 x 6, b. p. no title-page.

464 — Supply of water for the City of Brooklyn: petition of the Nantes Water Co. to the Common Council of the City of Brooklyn, June 4th, 1855. Brooklyn, 1855. 18 pp., 8 x 5, b. p.

466 — Treaties relating to the origin, history, and present position (position with reference to acts passed by the Legislature) of the Williamsburg Water-Works Co. W. C. Setta. no page. 1866. 15 pp., 8 x 6, b. p.

469 — The water question: Report of debate by the Common Council, on Friday evening, Jan. 21st, 1855. no page. 1855. 11 pp., 9 x 6, b. p.

470 — BUFFALO, N. Y. Annual report of the Water Commissioners; 2d, 4th-28d; 1870. 75 pp., Buffalo, 1871-91. 10 v., 8 x 6, b. p.

477 — Same; 1st: 1856. 1 v., 9 x 6, b. p.

480 — Annual reports of the Bureau of Water-Works. (See 0365-8.1.)

485 — General specifications for additional pumping machinery for the City of Buffalo, N. Y.; together with specifications of the mode of testing the same, and of estimating its capacity and duty. Sept. 27th, 1859. 18 pp., 9 x 6, b. p.

486 — Specifications for the construction of the new reservoir for the Buffalo City Water-Works. Buffalo, 1889. 54 pp., 9 x 6, b. p.


490 — Rules and rates of the Burlington Water Co. no page. 1878. unpagd. 6 x 8, b. p.

491 — BURLINGTON, N. J. Specifications of workmanship and material required for furnishing complete in place, at Burlington, N. J., of a stand-pipe, and to be completed by Nov. 26th, 1889, in accordance with plans drawn for that purpose. no page. 1888. 1 p., 10 x 7, b. p. no title-page.

500 — BURLINGTON, VT. Annual report of the Superintendent of Water-Works to the City Council; 1879. Burlington, 1880. 1 v., 9 x 6, b. p.

501 — Annual report of the Superintendent of Water-Works to the City Council. (See 0367-2.1.)

502 — Reply to the report of D. C. Linley, Engineer of the Burlington City Water-Works, made to the City Council, Oct. 7th, 1866. W. J. McAlpine. no page. 1866. 15 pp., 8 x 6, b. p.

503 — Report of the Chief Engineer of Water-Works to the City Council, on a plan for the construction of the water-works. Burlington, 1866. 66 pp., 8 x 6, b. p.


540 — BUTTE, MONT. Short account of the water-works, by the City Engineer. 1860. (See 0365-5.1. 1st annual report, p. 14.)

542 — CALCUTTA. Water-works of Indian cities. L. D'A. Jackson. 1875. (See De-18, Pt. 2, p. 101.)

545 — CAMBRIDGE, MASS. Act to incorporate the Cambridge Water-Works. 1887. (See De-461, p. 61A.)

547 — Annual report of the Water Board to the City Council: together with the reports of the Engineer and Superintendent, and other documents; 4th, 10th; 1870, 74. Cambridge, 1871-75. 9 v., 9 x 6, b. p.
WATER SUPPLY—WORKS.

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485 —Same; 4th; 1888. 1 v., 9 x 5, b. p.
486 —Same; 5th; 1888. 1 v., 9 x 6, b. p.
487 —Annual reports of the City Engineer. (See Oct-9.1.)
488 —Annual reports of the Water Board. (See Oct-9.1.)
489 —Contract and specifications for dam and work at Robert's Basin. no place, 1886. 25 pp., 10 x 9, b. p.
490 —Petition of the Mayor of Cambridge, for annexation of a part of Belmont. Hearing before the Committee on Towns. Noe: Annexation desired in order to protect the water supply of Cambridge from pollution. Bost., 1880. 40 pp., 9 x 6, b. p.
498 —Table of general information concerning the water-works of the United States and Canada. Holly Manufacturing Co., pub. Lockport, 1878. 16 pp., 9 x 6, b. p.
499 CANTON, OHIO. Annual reports of the Board of Water-Works Trustees. (See Oct-9.1.)
501 —Reports of the Committee on Accounts, of Trustees of City Water-Works, and also report of Trustees of City Water-Works, for 1869 and 1870. Canton, 1871. 6 pp., 9 x 6, b. p.
503 CEDAR RAPIDS, IA. Treasurer's report of Cedar Rapids Water Co.; 1880. no place, 1880. 2 pp., 9 x 6, b. p.
505 —Report of the Scientific Committee appointed by the City Council, on 5th July, 1878, on artesian wells. Charleston, 1882. 61 pp., 9 x 6, b. p.
506 CHARLESTOWN, MASS. Annual report of the Mystic Water Board to the City Council; 7th-11th; 1871-75. Charlestown, 1876-78. 5 v., 9 x 6, b. p.
507 —Same; 1st-3d; 1865-67. 3 v., 9 x 5, b. p.
508 —Same; 4th-7th; 1866-71. 6 v., 9 x 6, b. p.
510 —Contract and specifications for clearing, grubbing and grading, at Mystic Pond, Charlestown Water-Works. no place, 1862. 15 pp., 10 x 5, b. p.
511 —Contract and specifications for engine and boiler house, at Mystic River, Charlestown Water-Works. no place, 1863. 29 pp., 10 x 8, b. p.
515 —Contract for pumping engines. Charlestown Water-Works. no place, 1862. unpagd, 10 x 8, b. p.
516 —Contract of the Mystic Water Board and Somerville Mystic Water Committee, for supply of Mystic Lake water. Charlestown, 1869. 7 pp., 9 x 6, b. p.
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850 —Specifications and contract for iron water pipe and castings. 87 pp., 10 x 8, b. p. no title-page. manuscript.

851 —Notes: The city of Charlestown was annexed to Boston in 1874. All material on the water-works of the city subsequent to that date will be found under Boston.


881 —Specifications, proposals and form of contract for materials and pipe laying for a system of water-works in the Borough of Chatham. N. Y., 1877. 18 pp., 9 x 6, pap.

438 CHELSEA, MASS. Inaugural address of the Mayor to the City Council, Jan. 6th, 1886. Contains report of the Joint Special Committee of the Board of Water into the City of Chelsea. no place, no date. 38 + 9 pp., 9 x 6, b. p.

83 —Report of the Water Commissioners; 1885-71, 79-77. Note: Water supplied by the Charlestown Mystic Water-Works, now owned by Boston. Chelsea, 1890-79. 6 v., 9 x 6, pap.


859 CHESTERFIELD, ENG. Scheme for the supply of water to the Towns of Sheffield, Rotherham, Cumberworth, and Doncaster, with provision for the future supply of Chesterfield, etc., from the sources of the River Derwent, and the gathering grounds of the Derbysheires Peak. M. H. Jackson, London, 1869. 29 pp., 9 x 6, pap.

CHICAGO, ILL. Annual reports of the Bureau of Engineering. (See Oct 38:4.1 and Oct 38:5.1.)

—Charter of the Hydraulic Works: An act to incorporate the Chicago City Hydraulic Co. 1901. (See De-441, p. 209.)

1019 —Contract for cast-iron pipes. no place, 1855. 56 pp., 8 x 6, b. p. no title-page.

120 —Great Chicago Lake Tunnel: The causes which led to its conception, obstacles encountered, how the work was performed, launch of the crib, etc.; also the successful completion of the great enterprise. Chic., 1867. 56 pp., pl., 9 x 6, pap.


799 —Proposals for the construction, delivery and erection of pumping machinery at the 95th Street and Lake View Stations. no place, 1894. 5 pp., pl., 14 x 9, pap. no title-page.

1020 —Proposals for the construction, delivery and erection of pumping machinery at the 95th Street Station of the Chicago Water-Works. Chic., 1891. 5 pp., 14 x 9, pap. no title-page.

449 —Report made to the Water Commissioners of the City of Chicago, Sept. 2nd, 1861, on supplying the city with water. W. J. McAlpine. Chic., 1861. 31 pp., 9 x 6, b. p.


830 —Reports relating to the Chicago and Brooklyn Water-Works. W. J. McAlpine. no place, 1862. 88 pp., 14 x 9, 34 sh. no title-page. manuscript.

835 —Biennial annual report of the Board of Water Commissioners to the Common Coun-
cell; 18th; 1867. Chic., 1868. 1 v., 9 x 6, pap.

849 —Same; Id; 1885. 1 v., 7 x 4, b. p.

844 —Same; 7th, 9th; 1854, '55, '56. 3 v., 9 x 6, b. p.

861 —Same; 9th, 11th; 1855, '56. 2 v., 9 x 6, b. p.

871 —Same; 19th; 1889. 1 v., 9 x 6, b. p.

1004 —Specifications, etc., for the construction of a conduit on the line of Fullerton Avenue, Racine Avenue to the point 860 ft. from the Lake Shore Drive. Chic., 1875. 15 pp., 14 x 8, pap.

1008 —Specifications, etc., for the excavation and masonry for branch tunnels, and foundations for the new engine and the engine house. Chic., 1878. 4 pp., 14 x 8, pap.

819 —Specifications for a submarine conduit for the Hyde Park, Ill., Water-Works. G. H. Eilers. no place, 1882. 5 pp., 14 x 9, pap. no title-page.
WATER SUPPLY—WORKS.

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1008 — Specifications for extension of new lake tunnel under the city, to Lots Nos. 1, 2, 5, 7, 8, 9, 10, and 11, S. J. Walker's Dock Add'n, on Ashland Ave. Chic., 1873. 8 pp., 14 x 9, pap. no title-page.

1009 — Specifications for pumping machinery at the Water-Works of Chicago. Chic., 1874. 5 pp., pl., 14 x 9, pap. no title-page.

1010 — Specifications for pumping machinery for the Chicago Avenue Station of the Chicago Water-Works. Chic., 1874. 5 pp., pl., 14 x 9, pap. no title-page.

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<td>Minutes of evidence taken before the Committee, Aug., 1861. May, June, 1862. Great Britain—Select Committee on the Metropolis Water Supply Bill. no place, 1861-62. 3 v., 12 x 9, 3½ sh.</td>
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458 —Report on the investigations into the purification of the Ohio River at Louisville. Presented to the President and Directors of the Louisville Water Co. G. W. Fuller. 1898. (See Db-14.)

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455 —Annual report of the Water Board of the City Council; with reports of the Superintendent, and City Engineer; 1st-14th. 1711-1912; 21st-47th; 1878-86, 96-91, 98-90, Lowell, 1872-1900. 24 v., ii, pl., 9 x 6, pap.

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720 —Contract and specifications for building and erecting a pumping engine with its boilers and apparatus for Lowell Water-Works. no place, 1871. 38 pp., 11 x 6, b. p.

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407 — Plans and sections of water-works extension, and improvements of streets. City 


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DC—(Continued).

561 — Memoir of the construction, cost, and capacity of the Croton Aqueduct, compiled from official documents, together with an account of the civic celebration of the 14th Oct., 1842, on occasion of the completion of the great work: preceded by a preliminary essay on ancient and modern aqueducts. Charles King. N. Y., 1842. 8 + 308 pp., pl. 11 x 9, cl.

655 — Memoir of the construction of a masonry dam for a storage reservoir. J. J. R. Cross. N. Y., 1875. 6 + 81 pp., pl. 9 x 6, cl.

652 — The New Croton Aqueduct. Lee Treadwell. 8 pp., 9 x 6, pap. no title-page.

659 — New York water supply: Report on storage reservoirs in the Croton, by Isaac Newton, Chief Engineer of the Croton Aqueduct; opinion of Consulting Engineers. N. Y., 1829. 19 pp., map, 9 x 6, pap.

669 — New York water supply: Report to Hubert O. Thompson, Commissioner of Public Works, by Isaac Newton, Chief Engineer; opinion of E. B. Chestnough, Consulting Engineer. N. Y., 1881. 14 pp., 9 x 6, pap.

482 — Opinion in relation to the entering upon lands, etc., for temporary purposes, in the construction of the Croton Aqueduct, the damage to be appraised either before or after the use of such lands, etc. D. B. Talmaidge. N. Y., 1867. 18 pp., 9 x 6, b. p.

689 — Opinion of the Court of Appeals, on appeal of John C. Campbell from an order of the Supreme Court denying his application for a reversal of the proceedings of the Commissioner of Public Works in removing him from the office of Chief Engineer of the Croton Aqueduct. N. Y., 1880. 1 pp., 11 x 7, pap.

488 — Ordinance of the Common Council, establishing a scale of water rents for the Croton Aqueduct Department. no place, 1853. 8 + 10 pp., 8 x 5 b. p. no title-page.

978 — Photographs of the New Croton Dam, New York water supply, Coleman, Breuchaud & Coleman. no place, no date. phot. 11 x 14, cl. no title-page.

861 — Plans and proposals presented to the New York Sinking Fund Commissioners, for an efficient fire service and for sanitary purposes, by the Metropolitan Water Co. N. Y., 1885. 27 pp., 9 x 6, pap.

976 — Plates of details of the Croton Aqueduct. J. B. Jervis. no place, no date. pl. 29 x 20, 14 sh. no title-page.

778 — Proposals and specifications for building a dam and appurtenances, near Boyd's Corners, Putnam County, N. Y. no place, 1866. 30 pp., 13 x 8, pap. no title-page.

798 — Proposals for furnishing cast-iron water pipes, branch pipes and special castings. N. Y., 1881. 12 pp., 14 x 8, pap. no title-page.

1000 — Proposals for laying Croton water mains, and the necessary branches, curved pipes, and special castings in—. N. Y., 1879. 3 pp., 14 x 8, pap. no title-page.

789 — Proposals for the New Croton Aqueduct, Sections A and B. N. Y., 1884. 2 v., 14 x 8, pap. no title-page.

655 — Public notice as to water rates, and rules governing the use of water; also a table of the amount of water supplied per day through meters. N. Y., 1880-87. 3 pp., 10 x 8, pap. no title-page. newspaper slips.


665 — Regulations establishing a scale of water rents for the City of New York. May 13th, 1876. N. Y., 1876. 9 pp., 9 x 6, pap.

711 — Remarks before the Mayor and Commission, on the projects for an increased supply. W. J. McAlpine. N. Y., 1888. 8 pp., 9 x 6, pap.

718 — Demonstration of the Municipal Society of New York against the removal of the Murray Hill Reservoir, including a petition for the bill introduced into the Assembly by Mr. Mitchell to authorize a commission to consider the whole question of water supply and distribution. N. Y., 1880. 14 pp., pl. 9 x 6, pap.

878 — Report made to the Comptroller of the City of New York, commenting upon statements made by William Dalton, Commissioner of the Department of Water Supply in his communication to the Board of Public Improvements, Aug. 9th, 1899. advocating the adoption of the offer of the Ramapo Water Co. E. E. McLean. N. Y., 1899. 17 pp., 9 x 6, pap. no title-page.

877 — Report made to the Comptroller of the City of New York, on the Koopus Creek as a source of water supply by the Ramapo Water Co. G. S. Rice. N. Y., 1899. 5 pp., 9 x 6, pap. no title-page.

879 — Report made to the Comptroller of the City of New York, upon the present condition of the water supply, with special reference to the offer of the Ramapo Water Co. to furnish water to the city. J. J. R. Cross. N. Y., 1899. 12 pp., 9 x 6, pap. no title-page.

715 — Report of a plan for supplementing the Croton water supply to the City of New York from the Ramapo District. W. J. McAlpine. N. Y., 1892. 28 pp., map, 9 x 6, pap.
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712 - Report of Hubert O. Thompson, Commissioner of Public Works, to William R. Grace, Mayor of the City of New York, on proposed new aqueduct and storage reservoir for additional supply from Croton River; with detailed report of Isaac Newton, Chief Engineer of the Croton Aqueduct, and opinions of Consulting Engineers. N. Y., 1865. 8 5-6 pp., 12 tab., map, 9 x 5, b. p.

714 - Report of Isaac Newton, Chief Engineer of Croton Aqueduct, on plans proposed for storing and conveying an additional water supply to the city; opinions of the Consulting Engineers; tables of rainfall, etc.; map showing drainage area and aqueduct lines. N. Y., 1862. 68 pp., map, 12 tab., 8 x 5, b. p.

841 - Report of the Board of Assistant Aldermen; and law in relation to the loan to be made for procuring pure and wholesome water in the City of New York, Apr., 1866. 5 pp., 8 5 x 5, b. p.


579 - Report of the Commissioner of Public Works to the Aqueduct Commissioners, supplementary to his report of Aug., 8th, 1863, upon plans for an additional supply of water to the City of New York; and relating to the plans, specifications and estimates for the construction of the proposed Quaker Bridge Dam, no place, 1864. 13 pp., pl., 8 x 5, b. p.

860 - Report of the Committee of the Board of Aldermen on Fire and Water, on the subject of applying to the Legislature for the passage of an Act authorizing the city to borrow a sum not exceeding two million of dollars to supply the city with water. 1865. pp. 3-4, 8 5 x 5, b. p. no title-page.

820 - Report of the Committee of the Board of Aldermen on Fire and Water, on various communications and resolutions on the subject of supplying the city with water. Dec., 81st, 1861. 75 pp., 8 5 x 5, b. p. no title-page.

860 - Report of the Committee of the Board of Aldermen on Fire and Water, relative to the proposition of requesting authority from the Legislature to contract a loan of two million dollars for the purpose of supplying the city with water. Dec., 1862. no place, no date. 7 pp., 8 5 x 5, b. p.

861 - Report of the Committee of the Board of Aldermen on Fire and Water, to whom was referred the report of the Water Commissioners, and the documents accompanying the same, in relation to supplying the City of New York with pure and wholesome water. Mar., 1865. pp. 517-585, 8 5 x 5, b. p. no title-page.

821 - Report of the Committee of the Board of Aldermen on Fire and Water, transmitting letters from D. J. Rhoads and James Seymour, relating to suppliers of the City of New York with water, Apr., 1864. pp. 906-915, 8 5 x 5, b. p. no title-page.

821 - Report of the Committee of the Board of Aldermen on Fire and Water, upon the communication of the Water Commissioners on the introduction of water into the city; and a law appropriating money for the survey, June, 1864. pp. 72-78, 8 5 x 5, b. p. no title-page.

860 - Report of the Minority of the Special Committee of the Board of Assistant Aldermen, on the subject of the ordinance creating the Aqueduct Department, and to amend the ordinance to instruct the Water Commissioners. N. Y., 1860. 115-144, pl., 9 x 5, b. p.

821 - Report of the Street Committee of the Board of Aldermen, on the communication received from the Water Commissioners relative to reserving land for reservoirs, etc., Dec., 1866. pp. 435-436, 8 5 x 5, b. p. no title-page.

821 - Report of the Water Commissioners; May 19th, 1864. 3 pp., 8 5 x 5, b. p. no title-page.

821 - Report of the Water Commissioners, on the progress of the work of supplying the city with water; Aug., 1866. pp. 61-69, 8 5 x 5, b. p. no title-page.


821 - Report of the Water Commissioners, upon the re-examination of the surveys and estimates for supplying the city with water, Feb., 1866. 5 pp., 8 5 x 5, b. p. no title-page.

821 - Report of the Water Commissioners, upon the subject of the water supply for the city, and the necessity of an additional appropriation by the city for further improvement; no place, May, 1864. 3 pp., 8 5 x 5, b. p. no title-page.


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—Report on the plans proposed by Isaac Newton, Chief Engineer of the Croton Aqueduct. J. B. Jervis. N. Y., 1882. 18 pp., 8 x 6, pap.

—Report on the reservoirs and aqueduct for the additional water supply of New York City. W. E. Worthing. N. Y., 1884. 4 pp., map, 9 x 6, pap. no title-page.

—Report of the Aqueduct Commissioners, by the President, containing reports of the Secretary and of the Chief Engineer; giving a review of the work of the Aqueduct Commission to Jan., 1900. N. Y., 1897-98. 5 v., ill., pl., tab., maps, 14 x 11, cl.


—Reports of the Chief Engineer of the Aqueduct Commission, and the Chief Engineer and Consulting Engineer of the Department of Public Works, to the Aqueduct Commissioners, in relation to constructing the Quaker Bridge Dam and Reservoir. N. Y., 1896. 19 pp., map, 9 x 6, pap.

—Reports of the Department of Public Works. (See No.25—32.)

—Reports on researches concerning the design and construction of high masonry dams, in view of the proposed building of Quaker Bridge Dam; by B. S. Church, A. F. Leyden, and a Board of Experts appointed by the Aqueduct Commission. Mar., 1886. N. Y., 1886. 64 pp., 27 pl., 16 tab., 13 x 10, cl.

—Reports relating to the Croton Aqueduct, the dry-deck at the Brooklyn Navy Yard, and the Erie Canal, from 1834 to 1835. Unpaged, 14 x 9, sh. no title page, manuscript.

—Reports upon the subject of supplying the City of New York with water; by DeWitt Clinton and others. (City doc. No. 61.) N. Y., 1822. 183 pp., 8 x 5, 8 b. p. no title-page.

—Sanitary qualities of the water supply of New York and Brooklyn; with chemical analysis. by C. F. Chandler. Eliza Harris. N. Y., 1869. 16 pp., 9 x 6, b. p.

—Annual report of the Water Commissioners; Dec., 1848. N. Y., 1849. 1 v., 8 x 5, pap.

—Same; Dec., 1856-June, 1859. 5 v., 9 x 5, pap. Ab-2, p. 215.


—Specifications, etc., for building a storage reservoir on the Middle Branch of the Croton River, in the Town of South East, Putnam County, N. Y., near Wood's Hill. no place, no date. 18 pp., phot., 14 x 8, pap. no title-page.

—Specifications, etc., for furnishing cast-iron water pipes, branch pipes, and special castings. no place, no date. 10 pp., 14 x 8, pap.

—Specifications for building gate-houses and aqueduct for the new reservoir of hydraulic masonry. N. Y., 1838. 20 pp., 8 x 8, pap.

—Specifications for the construction of the New Croton Aqueduct, Sections 1 to 11. N. Y., 1844-45. 11 v., 11 x 8, pap. no title-page.

—Specifications of the manner of constructing the general work of the Croton Aqueduct. N. Y., 1857 (1) various pages. 18 x 6, b. p. no title-page.

—Spring water versus river water, for supplying the City of New York; also an examination of the Water Commissioners' Report of Nov., 1833, refuting many of the objections therein contained; and exhibiting errors in their estimations. M. Hale. N. Y., 1835. 56 + 9 pp., pl., map, 8 x 5, b. p.

—Standard sizes of hubs and spigots of water pipes. N. Y., 1878. pl., 26 x 36, cl.

—Statement of the case relating to the contract of Nov. 10th, 1838, for the construction of Section 96 of the Croton Aqueduct. 16 pp., 9 x 6, pap. no title-page.

—Topographical map of Croton water-shed. W. E. Worthing. 1869. (See Qf-127.)

—Topographical map showing the entire water-shed of Croton River above the Croton Aqueduct Dam; also the most available sites for storage reservoirs; from minute to days made during the years 1857 and 1866. (See Qf-144.)

—Two reports on researches concerning the design and construction of high masonry dams, in view of the proposed building of Quaker Bridge Dam; by B. S. Church and A. F. Leyden. 40 pp., pl., tab., 12 x 10, cl.

—Water supply of the City of New York. Elewyn Waller. no place, 1888 (1) 7 pp., 9 x 6, pap. no title-page.


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370 NEWARK, N. J. Act incorporating the Newark Aqueduct Board. no place, 1899. 8 pp., 9 x 6, pap.
371 — Annual report of the Aqueduct Board; 1871-72. Newark, 1872-73. 19 v., 9 x 6, pap.
372 — Annual report of the Board of Street and Water Commissioners; 1894-96. Newark, 1896-97. 3 v., 9 x 6, pap.
373 — Annual report of the Committee on the Department of Water, of the Board of Street and Water Commissioners; 1891-92. Newark, 1892-94. 8 v., 9 x 6, pap.
375 — In re the proposed dam across the Passaic River. New Jersey Senate. Note: Notes of arguments made before a Committee of the Senate, favoring the passage of a bill permitting the erection of a dam, over the Passaic River, to prevent the pollution of the water supply of Newark and Jersey City. Newark, 1898. 51 pp., 9 x 6, pap.
376 — Pollution of the Passaic River; embracing the report of the Special Committee appointed to represent the Newark Aqueduct Board in the Board of Inspection of the Passaic River and its Tributaries. Newark, 1892. 31 pp., pl., 9 x 6, pap.
377 — Report of the Aqueduct Board, upon the subject of a supply of water for the City of Newark, by the Engineer, Jan. 1st, 1911. Newark, 1911. 84 pp., 9 x 6, b, p.
378 — Report of the Engineer of the Aqueduct Board, in relation to the pumping engine. no place, 1870. 8 pp., 9 x 6, pap.
379 — Report on additional water supply; Mar. 6th, 1879. J. R. Croes and G. W. Howell. Note: Report to the Newark Aqueduct Board. Newark, 1879. 100 pp., pl., maps in pocket, 9 x 6, cl.
380 — Rules and regulations of the Aqueduct Board, governing the supply of water for the City of Newark. N. J. Newark, 1879. 10 pp., 8 x 4, pap.
381 — Semi-annual report of the Aqueduct Board; 1st; 1880. 1881. (See On 35-31, Message of the Mayor, 1880, p. 18.)
382 — Same; Dec, 1870. 1 v., 9 x 6, pap.
383 NEWBURGH, N. Y. Annual report of the Water Commissioners, to the Common Council; 11th-14th, 1877-80. Newburgh, 1877-80. 4 v., 9 x 6, pap.
384 NEWBURPORT, MASS. Newburport Water Co. vs. City of Newburport; Newburport Water Case. Note: Case relates to the valuation of the water-works. Boston, 1886-86. 5 v., 11 x 7, bds.
385 NEWPORT, KY. Annual report of the Trustees of the Water-Works; 1881. Newport, 1882. 1 v., 8 x 5, pap.
386 — Annual report submitted to the Board of Councilmen. (See On 35-21.)
388 — Report of the Superintendent of Water-Works, to the Board of Councilmen; 1874-76. no place, 1875-76. 3 v., 8 x 6, b, p.
389 — Report of the Superintendent of Water-Works to the City Council; 1st; 1873. Newport, 1874. 1 v., 9 x 6, b, p.
390 — Report of the Superintendent of Water-Works to the Committee on Water-Works; 1874. Newport, 1874. 1 v., 9 x 6, pap.
392 — Rules and regulations for the management and protection of the Newport Water-Works, as adopted, Apr. 9th, 1874, and confirmed by the City Council, Apr. 16th, 1874. Clin., 1874. 18 + 1 pp., 9 x 6, pap.
393 NEWTON, MASS. Annual reports of the Water Department. (See On 46-21.)
394 — Duty trial of a fly-wheel, high duty, automatic cut-off, cross-compound, pumping engine. George F. Blake Manufacturing Co. no place, 1892. 27 + 5 pp., ii., 8 x 6, pap.
396 NEWTON, N. J. Construction and annual report of the Board of Water Commissioners; 1st; 1886. Newton, 1886. 1 v., 9 x 6, pap.
397 — Water-Works. L. L. Tribus. no place, 1866. 6 pp., ii., 9 x 7, pap.
399 NORFOLK, VA. Annual report of the Board of Water Commissioners; 1872-74, 74-75. Norfolk, 1873-74. 9 v., 9 x 6, pap.
400 — General specifications for the water-works; issued by the Water Department. 1871. (See De 444, p. 505.)
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500 —Report of the Board of Water Commissioners, from the commencement of the work to Feb. 1st, 1873, showing condition and progress. Norfolk, 1873. pp. 92-75, 9 x 6, b. p.

502 —Specifications for pumping engines and boilers. no place, 1890. unpaged, 9 x 6, pap. no title-page.


113 NORTHAMPTON, MASS. Annual report of the Board of Water Commissioners; 3d: 1885. Bost., 1886. 1 vol., 9 x 6, pap.

118 —Annual reports of officers of the city. (See Ont. 1889.)


141 —Same; 6th-9th: 1877-80. Northampton, 1877-80. 4 vol., 9 x 6, pap.


174 NORWICH, CONN. Contract and specifications of embankment and reservoir for Norwich Water-Works. no place, 1875. 55 pp., 11 x 8, pap.

188 —Report of the Board of Water Commissioners to the Court of Common Council; 1st, 1870. Norwich, 1870. 1 vol., 9 x 6, b. p.

114 —Report of the Superintendent of Water-Works to the Board of Water Commissioners; 5th-6th: 1875-77; 7th-9th: 1877-80. Norwich, 1875-80. 5 vol., 9 x 6, pap.


115 OAKLAND, CAL. Report of the Water Commissioners, with rates adopted, July 1897. 1897. Note: Table of rates fixed for the Contra Costa Water Co. Oakland, 1877. 3 pp., 9 x 6, pap.

116 OGDENSBURG, N. Y. Annual report of the Mayor. (See Ont. 1893.)

117 OMAHA, NEB. Notice for proposals for furnishing the City of Omaha with water for fire protection, for a term of twenty-five years. In accordance with Ordinance No. 406, passed Jan. 6th, 1880. Omaha, 1880. 11 pp., 9 x 6, pap.


308 OTTAWA, ONT. Annual report of the Water Commissioners; 1876-78. Ottawa, 1877-78. 3 vol., 9 x 6, pap.

301 —Annual report of the Water-Works Committee to the Corporation of the City of Ottawa; 1876-83. 1886. 1 vol., 9 x 6, pap.

303 —Final report made to the Water Commissioners, 1876. T. C. Keefer. Ottawa, 1876. 54 pp., 9 x 6, pap.


118 OWENSBORO, KY. Account of the Owensboro Water Co., and of its first-mortgage bonds; May 19th, 1879. Louisville, 1879. 38 pp., 9 x 6, pap.

317 —By-laws, rules and regulations of the Owensboro Water Co. Owensboro, no date. 13 pp., 7 x 5, pap.

501 OWOSO, MICH. Water supply of Owosso. S. E. Parkhill. 8 pp., 9 x 6, pap. no title-page.


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635 — État actuel de la question des eaux et des égouts à Paris et à Londres. Aristide and Georges Dumont. 1874. (See De-500, p. 218.)


655 — Notes à l’appui du compte des dépenses de l’exercice 1856-9. (See Opd-1.2.)


670 — Pétition au Sénat du Conseil Général de la Marne. Note: Protests against the use of the waters of the Somme River for the benefit of the City of Paris. Chalon, 1861. unpag’d, 13 x 9, b. p. no title page. Da-4, p. 481.


— Sur les conditions qu’a dû rechercher à réaliser dans le choix des sources destinées à l’alimentation de la Ville de Paris. E. Belgrand. 8 pp., 11 x 9, b. p. no title-page. Cb-165, p. 81.


710 — PARIS, I. L. Report, including the Secretary’s and Engineer’s reports, together with the tariff of water rates and rules and regulations. Paris, 1879. 36 pp., 9 x 6, pap.

715 — PAWTUCKET, R. I. Annual report of the Water Commissioners and Superintendent of Water-Works: 1st-3d, 8th; 1861-85, 767. Pawtucket, 1861-85. 8 v., 9 x 6, pap.

720 — Pawtucket water question: Discussion on the Holly System of water-works. Holly-Baboo, pseud. 10 pp., 9 x 6, pap. no title-page.

725 — Quarterly report of the Water Commissioners; 1st-9th, 11th-18th; 1877-80. Pawtucket, 1877-80. 12 v., 9 x 6, pap.

730 — PEEKSKILL, N. Y. Rates, rules and regulations in relation to the introduction, supply and use of water from the water-works for 1876. Peekskill, 1876. unpag’d, 9 x 6, pap.

735 — Report of the Water Commissioners; 1872-77. Peekskill, 1877. 1 v., 9 x 6, pap.

740 — PENRITH, ENG. Specifications for cast-iron water pipe. no place, 1832. various pp., 12 x 9, b. p.

745 — PEORIA, ILL. Cost of the Peoria Water-Works. 1872. (See Opd-3-1, Report for 1871, p. 43.)
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194  —— Ordinances for the government of water takers, plumbers, etc. Poarch, 1899-1913; 3 pp., 9 x 6, pap.

195  —— Preliminary report of the Committee on Water-Works, on the best means of supplying the City of Poarch with water. Note: Contains an analysis of water, and abstract of state laws relative to the construction of water-works. Poarch, 1894. 34 pp., 9 x 6, pap.

196  PERILLEUX, P. Note sur des pompes servant à l'alimentation de la distribution d'eau de la Ville de Périgueux. Harla. Paris, 1853. 31 pp., 9 pl., 9 x 6, pap.

197  PERIGOIN, J. Specifications for the construction, delivery and erection of a pumping engine to be erected at the station in Runyon, N. J., no place, 1867. unpag., 14 x 9, pap. no title-page.

198  PERU, IND. Report of construction of Peru Water-Works, and maintenance of same up to May 1st, 1880, by Committee appointed by City Council. Indianapolis, 1880. 26 pp., 9 x 6, cl.

199  —— Specifications, etc., for furnishing materials and constructing water-works. no place, no date. 18 pp., 14 x 8, pap. no title-page.

200  PHILADELPHIA, PA. Annual report of the Chief Engineer of the Water Department: 53d, 71st, 74th, 76th-85th; 1894, 72, 75, 77-88. Phil., 1885-87. 18 v., 9 x 6, cl.

201  —— Same: 53d-54th: 1854-55. 2 v., 9 x 6, b. p.

202  —— Same: 57th, 63d: 1858, '64. 2 v., 9 x 6, b. p.

203  —— Same: 64th, 73d: 1865, '74. 2 v., 9 x 6, b. p.

204  —— Same: 60th, 67th, 70th; 1906, '08, '11. 2 v., 9 x 6, b. p.

205  —— Same: 60th-70th: 1867-71. 5 v., 9 x 6, b. p.

206  —— Same: 72d-78th: 1873-77. 5 v., pl., 9 x 6, b. p.


208  —— Annual report of the Watering Committee to the Select and Common Councils; 1888. Phil., 1889. 1 v., 9 x 6, b. p.

209  —— Cast-iron boiler in use at the Schuylkill Engine House, Philadelphia Water-Works, from 1838 to 1851. sheet, 14 x 18, pap.

210  —— Citizens' memorial to the Select and Common Councils on the water supply of the City of Philadelphia. Parry Burnham, Williams & Co. and others. Phil., 1887. 6 pp., 9 x 6, pap.


212  —— Diagrams by the Water Department, showing pumping and rainfall from 1810 to 1879. Phil., no date. sheet, 18 x 12, pap.

213  —— Diagrams showing daily pumping. no place, 1876-77. 2 sheets, 16 x 12, pap.

214  —— Distribution d'eau de Philadelphia; Usine de Belmont créée en 1870. Émile Malézieux. no place, 1872. sheet, 14 x 17, pap.

215  —— Drawings of the Frankfort pumping station. Phil., 1877. 2 pl., 16 x 9, pap. no title-page.

216  —— History of water supply of Philadelphia. W. H. McFadden. 1878. (See Dc-455, 1875, p. 7.)


218  —— Letter to the Director of the Department of Public Works of Philadelphia, relating to the improvement of the water supply of the city. J. C. Trautwine, Jr. no place, 1865. 3 pp., 9 x 6, pap. no title-page.

219  —— Letter to the Mayor of Philadelphia, recommending the construction of a filtration plant in the Roxborough District, as an object lesson in waste restriction. J. C. Trautwine, Jr. no place, 1890. 10 pp., 9 x 6, pap. no title-page.

220  —— Notes on the system of supplying Philadelphia with water from the Schuylkill and Wissahickon, without the aid of steam power. James Haworth. Phil., 1875. 49 pp., 7 x 4, pap.

221  —— Notes upon the early history of the employment of water power for supplying the City of Philadelphia with water, and the building and rebuilding of the dam at Fairmount. Frederic Graf. Phil., 1894. 7 pp., 3 pl., 9 x 6, pap.


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files (two) of proposed aqueduct lines, in pocket in cover. Report on hydrograp-

517 —Proposition of the South Mountain Water Co., to the Councils of the City of Philadelphia, to lease the water-works and construct a new system of water supply for the City of Philadelphia: Proceedings before the Councils. no place, 1888. 136 pp., map, tab., 9 x 6, pap.

458 —Report made by the Commission of Engineers, appointed by the Mayor under the ordinance of Councils, approved June 8th, 1878. Phil. 1875. 168 pp., pl., 9 x 6, p.

518 —Report of a Special Committee of the Fairmount Park Commissioners, upon the preservation of the purity of the water supply. Phil., 1897. 34 pp., 10 x 7, pap.

527 —Report of Experts and Engineers appointed to test the duty and capacity of the Worthington pumping engines at Belmont. J. G. Nesfield and others. no place, 1892. 6 pp., 9 x 6, pap. no title-page.


527 —Report of the Philadelphia Watering Committee; read in Select Council, Nov. 1893, 1894. Note: Report upon the necessity of a new water main and system of piping. Phil., 1894. 48 pp., ill., 8 x 6, pap.


529 —Results of examinations of water from the River Schuylkill; communicated by no title-page.

508 —Topographical map of Philadelphia, showing water mains and street grades, 1877. (See QT-66.)

458 —Specifications for a twenty million-gallon pumping engine to be erected in the engine house of the Spring Garden Pumping Station. 7 pp., ill., 11 x 7, pap. no title-page.


508 —Specifications for the Philadelphia Water-Works; Sept., 1895, to Jan., '96; Nos. 1-5, 7, 9-12, 14. Phil., 1896-98. 11 v., 14 x 9, pap.

526 —Topographical map of Philadelphia, showing water mains and street grades, 1877. (See QT-66.)

458 —Water supply and filtration. Phil., 1897. 116 pp., 9 x 6, pap.

458 —The water supply of our great cities. no place, 1896 (?) 34 pp., map, 9 x 6, b. p. no title-page.


526 —The water which is supplied to Philadelphia. John Birkhbine. 1897. (See VA-14, p. 1.)

508 —Waterworks of Philadelphia. Francis LeClerc. pub. no place, 1897. 13 pl., 9 x 15, cl.

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ville, 1878. 7 x 5, pap.

517 PIQUA, O H I O. Annual report of the Trustees of the Water-Works to the City Council: 1st. 1878. Piqua, 1878. 1 v., 9 x 5, pap.


508 —Pittsburg Water-Works: Map showing the location of the Hilland Avenue and Brilliant Hill Reservoirs, and the pumping works. Emile Low. no place, no date. sheet, 30 x 41, cl.
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—Report of the Board of Examiners and Hydraulic Engineers; with estimates of cost of work. Pittsburgh, 1871. 58 + 1 pp., 9 x 6, pap.


—Specifications for two graduating-plunger pumping engines for Pittsburgh Water-Works. no place, 1872. 20 pp., 9 x 6, pap.

—Test of a Nordberg pumping engine in the pumping station of the Pennsylvania Water Co., at Wildwood Station, Pittsburgh, Pa. R. C. Carpenter. no place, 1899. sheet, 10 x 19, pap.

PITTSFIELD, MASS. Annual report of the Water Commissioners; 1878. (See De-327, p. 12.)


—Reports of the Water Commissioners. (See Op90-2,1.)

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129 — Contract and specifications for the improvement of Lent's Pond. no place, 1871, 21 pp., 9 x 6, b. p.
131 — Rules and regulations in relation to water and sewers. Poughkeepsie, 1877. 16 pp., 9 x 6, b. p.
133 — PRINCETON, N. J. Contracts of the Princeton Water Co. Note: Specifications for construction of well and engine house, boiler house, etc. no place, 1869. 10 + 10 pp., 9 x 6, pap.
134 — PROVIDENCE, R. I. Annual report of the Board of Water Commissioners; 3d series; 1878-80. Providence, 1878-80. 8 v., 9 x 6, pap.
135 — Annual reports of the City Engineer. (See Op55-2.1.)
136 — Communication, in review of reports of the Water Commissioners and the Chief Engineer of the Water Works, upon the pumping engine at the Hope Station. G. H. Corliss. Providence, 1878. 8 pp., 9 x 6, pap.
137 — Communication, in review of the communication from Geo. H. Corliss, upon the pumping engine at Hope Station. J. H. Shedd. (City doc. No. 80.) Providence, 1878. 8 pp., 9 x 6, b. p.
138 — Contract; and report upon the pumping engine at Hope Station. Providence Steam Engine Co. N. Y., 1877. 27 pp., 9 x 6, b. p.
139 — Contract and specifications for cast-iron water pipes and special castings. no place, 1870. 72 pp., 9 x 6, 10 x 7, pap.
140 — Contract and specifications for Cornwall pumping engine. no place, 1873. 29 pp., 9 x 6, 10 x 8, pap.
141 — Contract and specifications for Hope Reservoir. no place, 1878. 58 pp., 11 x 8, pap.
142 — Contract and specifications for laying water pipe. no place, 1870. 56 pp., 9 x 6, pap.
143 — Contract and specifications for Sockamonset Reservoir. no place, 1870. 51 pp., 11 x 8, pap.
144 — General description of the Providence Water-Works, by the City Engineer. Providence, 1882. 11 pp., 9 x 5, pap. no title-page.
145 — Laws of the General Assembly of Rhode Island, relating to the supplying of the City of Providence with pure water. (City doc. No. 146.) no place, 1869. 8 pp., 9 x 6, b. p. no title-page.
146 — Measures relating to the efficiency of the Fire Department and the fire hydrants; with communications from the Chief Engineer of the Fire Department, the Water Commissioners and the Chief Engineer of the Water-Works, Dec. 25th, 1878. (City doc. No. 51.) Providence, 1878. 15 pp., 9 x 6, pap.
147 — The Nagle pumping engine. Providence Steam Engine Co. Note: Description and test of the high-service pumping engine of the Providence Water- Works. N. Y., 1878. 18 pp., 9 x 6, pap.
149 — Official reports of the duty trials of the Providence high-service pumping engines and the contracts under which the engines were constructed. N. Y., 1878. 37 pp., 9 x 6, pap.
151 — Quarterly reports of the Board of Public Works. (See Op55-3.1.)
152 — Quarterly reports of the Board of Water Commissioners; 1875-76. Mar. 7th, 1876. Providence, 1875-76. 30 v., 9 x 6, pap.
153 — Report of a Committee of the City Council, appointed to examine the sources of water supply for the city. Providence, 1869. 100 pp., map, 9 x 6, b. p.
154 — Report of Committee to test the Corliss and Worthington pumping engines at Hope Station. N. Y., 1874. 13 pp., 9 x 6, b. p. no title-page.
155 — Report of the Board of Aldermen, on the water-works and sewers in the City of Providence. Nov. 8th, 1874. (City doc. No. 119.) Providence, 1874. 14 pp., 9 x 6, pap.
156 — Report of the Board of Public Works, upon the pumping engine at Petticoat Station; erected by George H. Corliss. (City doc. No. 18.) Providence, 1882. 10 pp., 9 x 6, pap.
157 — Report of the Board of Water Commissioners in relation to contracts with James Macdonald & Co., for Sockamonset Reservoir. (City doc. No. 57.) Providence, 1874. 7 pp., 9 x 6, pap.
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185  — Report of the Committee on the Supply of Water; presented to the City Council—Sept., 1850. Providence, 1850. 40 pp., map, 9 x 6, b. p.


187  — Report of the Water Commissioners and George H. Corliss, relative to pumping engines at the Pettaconset Pumping Station. (City doc. No. 82.) Providence, 1878. 26 pp., 9 x 6, b. p.

188  — Report upon the pumping engines at Hope Station, erected by the Providence Water Company. Jan. 30, 1878. Charles Hermary, J. B. Francis and Channing Whitaker. (City doc. No. 5.) Providence, 1878. 18 pp., 9 x 6, pap.

189  — Special report of the Water Commissioners in relation to foundations, buildings and plans for pumping engines at Pettaconset Station. (City doc. No. 82.) Providence, 1873. 4 pp., 9 x 6, b. p.

190  — Water-Works of the City of William Aspinwall. Providence, 1874. 16 pp., 9 x 6, pap.

QUEENSLAND. Annual reports of the City Surveyor and Water-Works Engineer. (See Q6-3.)

191  — Report of C. Baillarge, Engineer of the City of Quebec, on the amelioration of its aqueduct. Quebec, 1831. 40 pp., 9 x 6, pap.

192  — Report on supplying the City of Quebec with pure water; made for the City Council, by order of George Osfield Stuart, Mayor of Quebec. G. H. Baldwin. Bost., 1848. 98 pp., maps, figs., 9 x 6, b. p.

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QUINCY, ILL. Mayor's message and reports of City Officers. (See Q6-2.)

195  — Water-Works case: Full text of the decision of the Supreme Court recently rendered regarding the laying of water pipes in the streets of the city; The decision in favor of the Water Co. no place, 1898. 10 pp., 8 x 6, pap.

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196  — Specifications for water-works. no place, 1844. 16 pp., 14 x 9, no title-page.

197  — Specifications for water-works at Red Oak, Ia. no place, 1894. various pages, 9 x 6, pap. no title-page.


199  — Report of plan and estimates for proposed system of water-works for Richmond, Ind. F. C. Doran. Richmond, 1861. 42 pp., 9 x 6, pap.

200  — Annual report of the City Engineer; 1873. Richmond, 1873. 1 v., 9 x 6, b. p.

201  — Annual report of the Committee on Water, with accompanying documents; 1873-74. Richmond, 1873-75. 4 v., 9 x 6, b. p.

202  — Detailed report of the City Engineer, relative to the new reservoir, embracing all expenditures from Feb. 9th, 1874, to Apr. 4th, 1875. Richmond, 1875. 46 pp., 9 x 6, b. p.

203  — Proposals, contract and specifications, by the Water Committee for hydraulic machinery; no place, 1890. 25 pp., 10 x 8, pap.

204  — Report of the City Engineer to the Committee on Water, of the City of Richmond; made Dec., 1874. Richmond, 1875. 13 pp., 9 x 6, b. p.

205  — Report of the Committee on Water-Works to the Common Council, on the condition of the water-works, and capacity and capability of the machinery. Richmond, 1876. 30 pp., 9 x 6, b. p. no title-page.

206  — Report on the mode of supplying Church Hill with water, and on the extension of the works. J. J. Hwiii. Richmond, 1871. 21 pp., 9 x 6, pap.

207  — Annual report of the Board of Water Commissioners to the Common Council; 1st-20, 1873-74. Rochester, 1874-75. 2 v., 9 x 6, b. p., 9 x 6, b. p.

208  — Annual reports of the Executive Board, in charge of the Water-Works, Fire and Highway Departments. (See Or6-3.)

209  — Engineers' report for supplying the City of Rochester with water from various sources, made to the Directors of the Rochester Water-Works Co. C. B. Stuart and Daniel Marsh. N. Y., 1853. 49 pp., 9 x 6, b. p.
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437. In the matter of the application of the City of Rochester to acquire the permanent and perpetual right to draw from Hemlock and Canadice Lakes an amount exceeding nine million gallons per day, no place, 1884 (?) 2 v., 1901 pp., pl., 10 x 7, 8th.


442. On volvox globator as the cause of the fishy taste and odor of the Hemlock Lake water. In 1888, M. L. Mallory, G. W. Raffier and J. E. Line. no place, 1888. 10 pp., pl., 9 x 6, pap.


445. Report on the introduction of a supply of pure water into the City of Rochester; made to the Mayor and Common Council, Sept., 1890. Daniel Marsh, Rochester, 1890. 71 pp., 9 x 6, pap.

446. The Rochester crime against hydraulic engineering. Clemens Herschel, 1897. (See De:3, p. 13.)

447. Specifications for cast-iron distribution pipes, with their branches, etc. no place, 1878. sheet, 14 x 9, pap. no title-page.

448. Specifications governing the excavation and reftilling of trenches for water pipes, and the laying of such pipes in the City of Rochester, N. Y., no place, 1878. unpag. 14 x 6, pap. no title-page.

449. ROCK ISLAND, I. L. Annual report of the Committee on Water-Works, 1877. Rock Island, 1877. 1 v., 8 x 5, pap.

450. ROCKFORD, I. L. Annual reports of the City Officers. (See OrR:4-1.)

451. —Report of the Committee on Water-Works, 1873. (See OrR:4-1, Financial statement of the City Clerk for 1875, p. 8.)


457. ROME, ITALY. Frontinus, and his II books on the water supply of the City of Rome. A. D. 97. Clemens Herschel, Ithaca, 1894. 40 pp., 9 x 6, pap.


463. ROTTERDAM, NETHERLANDS. Short account of the water-works of Amsterdam, Rotterdam and the Hague. L. C. van Kerkwycz, 1879. (See C:3-4, p. 168.)

465. SACRAMENTO, CAL. Report on expense of machinery, pipe, etc., on introduction of Holly Water-Works; also, report of Superintendent of Water-Works, on the amount and condition of water pipe in the City of Sacramento. Sacramento, 1891, 31 pp., 9 x 6, pap.


469. ST. BERNARD, OHIO. Contract and specifications for furnishing and erecting pumping machinery, no place, 1894, unpag. 14 x 9, pap.


477. SAINT-ETIENNE, FRANCE. The Dam of Rochetaillie, on the Furens River. G. W. Raffier. 1897. (See De:3, p. 4.)


481. ST. JOHN, N. B. Annual accounts and statements of the Sewerage and Water Supply Commission, with Superintendent’s and Auditor’s reports; 1883-86. St. John, 1886-89. 6 v., 8 x 6, pap.

483. —Annual report of the Sewerage and Water Supply Commissioners; 1st-3d, 10th, 1875-76, 14th-16th, 25th; 1856-59, 60, 97, 98-77, 78. St. John, 1877-78. 6 v., 8 x 6, pap.
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141 — Reports of the Superintendent of Water-Works, for the years 1880-82. St. John, no date. 1 v., 8 x 5, pap.

142 — Review of the report of Hurd Peters, City Engineer, on the water supply of the Cities of St. John and Portland; by the Superintendent. St. John, 1884. 54 pp., pt. 9 x 5, pap.

143 — Special report of the Sewerage and Water Supply Commission on the formation of anchor ice; by the Superintendent. St. John, 1881. 30 pp., 5 pl., 9 x 6, pap.

144 — Special report of the Sewerage and Water Supply Commission on the water supply of St. John and Portland. St. John, 1886. 15 pp., 8 x 6, pap.

145 — Superintendent and Engineer's report; Sewerage and Water Supply Commission; 1880-86. St. John, 1886. 39 v., 9 x 8, pap.

146 — ST. JOHNSBURY, VT. Reports of the Trustees, Chief Engineer of the Fire Department and Superintendent of Water-Works. (See OsO-2-1.)

147 — ST. LOUIS, MO. Act to enable the City of St. Louis to procure a supply of wholesome water, approved Mar. 13th, 1867; and amendatory acts, approved March 22d and 24th, 1868. St. Louis, 1870. 19 pp., 9 x 6, b. p.

148 — Annual report of the Board of Water Commissioners; 1870-75. St. Louis, 1870-75. 2 v., 9 x 6, b. p.

149 — Annual report of the Water Commissioner; 1886-86. St. Louis, 1886-86. 3 v., 10 x 7, pap.

204 — General and detail drawings of High-service Engine No. 5, by the Water Commissioner. St. Louis, 1890. 36 pl., 15 x 22, 9 x 8, pap.

205 — Messages of the Mayor, with accompanying reports. (See OsO-3-1.)

206 — Proposal, etc., to coal dealers, for coal for water-works. no place, no date. 5 pp., 14 x 8, pap. no title-page.

207 — Proposals and specifications for pumping engines, water pipes, etc., for the St. Louis Water-Works, 1867-1868. unpublished, pt. 9 x 11, 9 x 6, no title-page.

210 — Report of the Board of Public Improvements, on proposed extension of the St. Louis Water-Works, St. Louis, 1885. 7 pp., maps, tab., 9 x 6, pap.


213 — Report of the Special Committee on Water-Works, presented to the Common Council, Feb. 26th, 1901; submitting plans for new water-works, with estimates of cost and statistical information thereto. St. Louis, no date. 37 pp., 9 x 5, b. p. OsO-4-1, v. 1, p. 49.

214 — Semi-annual report of the Board of Water Commissioners; Oct., 1885-May, '87, Nov., '75. St. Louis, 1866-75. 3 v., 9 x 6, pap.

215 — Same; Oct., 1885-Nov., '86, Nov., '75-Nov., '76. 18 v., 9 x 6, b. p.

216 — Semi-annual reports of the Chief Engineer and Superintendent of the Water-Works; 1876-77. St. Louis, 1878. 1 v., 9 x 6, pap.

217 — Specifications, etc., for building conduits, clear well, high-service engine foundations, etc. no place, 1898. 16 pp., 14 x 8, pap. no title-page.

218 — Specifications, etc., for building storage reservoirs for St. Louis Water-Works. no place, 1887. unpublished, 14 x 8, pap. no title-page.

219 — Specifications, etc., for furnishing and laying water pipes in the City of St. Louis. no place, 1866-75. various pagings, 14 x 8, pap. no title-page.

220 — Specifications, etc., for furnishing fire plugs. no place, no date. 5 pp., 14 x 8, pap. no title-page.

221 — Specifications, etc., for furnishing stop valves. no place, no date. 4 pp., 14 x 8, pap. no title-page.

222 — Specifications, etc., for work for high and low-service buildings for the St. Louis Water-Works. no place, 1860. 19 + 14 pp., 14 x 8, pap. no title-page.

741 — Specifications for Standpipe No. 3, St. Louis Water-Works. 32 pp., 14 x 8, pap. no title-page.

224 — ST. PAUL, MINN. Annual report of the Board of Water Commissioners; 4th. St. Paul, 1892-93, 1893-94. 9 v., 9 x 6, pap.


698 — Specifications for a pumping engine at McCarron Lake. no place, 1897. 9 pp., il., 13 x 8, pap. no title-page.
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519 SALEM, MASS. Account of the proceedings upon the transfer of the Salem Water Works to the City authorities. Nov. 1815, 1867, and the addresses of W. P. Phillips, Chairman of the Commissioners, and William Cogswell, Mayor of the City. Salem, 1867. 161 pp., 9 x 6, bld.

520 — Approved the Wenham Water Board to the City Council; 1st-15th; 1899-88. Salem, 1880-84. 15 v., 9 x 6, pap.

521 — Communication to the City Council regarding the power of the Water Commissioners to spend funds not yet appropriated by the Council. Salem, 1861. 8 pp., 9 x 6, b. p. no title-page.


523 — Ordinance to regulate the proceedings of the Commissioners for supplying the City of Salem with pure water. Salem, 1855. 6 pp., 9 x 6, b. p. no title-page.

524 — Programme for the Aqueduct Meeting at Mechanic Hall, Jan. 4th, 1898, and other matters. Note: Notice of a proposed meeting, which indicates the purchase by the City of Salem of the Salem and Danvers Aqueduct. no place, no date. 7 pp., 9 x 6, b. p.

525 — Quarterly report of the Joint Standing Committee on Water-Works; 1st; 1895. Salem, 1895. 1 v., 9 x 6, b. p. no title-page.

526 — Report of the Aqueduct Meeting at Mechanic Hall, Dec. 29d, 1895. Note: Opposes the purchase of the Salem and Danvers Aqueduct. no place, no date. 8 pp., 9 x 6, b. p.

527 — Report of the Committee of “Four from each ward,” appointed by the Salem Water Supply Mass-meeting to lay before the community, information bearing on the water question. Note: Opposes the purchase of the Salem and Danvers Aqueduct. Salem, 1865. 4 pp., 9 x 6, b. p. no title-page.

528 — Report of the Joint Special Committee on Supply of Water. Salem, 1864. 8 pp., 9 x 6, b. p.

529 — Report of the proceedings in the Supreme Judicial Court upon the petition of Charles F. Fowlers for an injunction against the City of Salem. Salem, 1895. 45 pp., 9 x 6, b. p.

530 — Report of the Water Committee, 1888: together with the Act of the Legislature, approved May 16th, 1884, “For supplying the City of Salem with pure water.” Salem, 1884. 36 pp., 9 x 6, b. p.

531 — Semi-annual report of the Water Commissioners to the City Council; 1st-4th; 1895-96. (See DA-451, p. 157, and DA-500, p. 193.)


534 — Wenham Water-Works; Statements, cost of works thus far; progress of works; deficiency in iron pipe, etc. W. P. Phillips, anon. no place, no date. 25 pp., 9 x 6, b. p.

SALT LAKE CITY, UTAH. Annual message of the Mayor with the annual reports of the officers of Salt Lake City. (See DA-009.1.)

146 — Application for a water supply, made to the City Council of Salt Lake City, Oct. 21st, 1894, together with the report of Charles L. Stevenson, as to practical methods for obtaining such a water supply. Edward Osborne and others. Salt Lake City, 1895. 27 pp., 9 x 6, pap.

198 — Contract and specifications for earth and rock work for constructing masonry conduits and appurtenances from Fairley’s and Emigration Creeks to Salt Lake City, no place, no date, 1890. 12 pp., 14 x 8, pap. no title-page.

199 — Contract and specifications for furnishing and laying wrought-iron riveted pipe from Emigration Creek to junction of conduit line from Fairley’s Creek, no place, 1890. 2 pp., 14 x 8, pap. no title-page.

549 SAN BERNARDINO, CAL. Specifications for water-works for the City of San Bern-ardino, Cal. Pt. 1. Pipe, fittings, and laying of conduit. Pt. 11. Trench- ing, laying of pipes and backfilling. no place, 1890. 2 v., 14 x 6, pap.

550 SAN FRANCISCO, CAL. Crystal Springs Dam, constructed for the Spring Valley Works. no place, 1890. sheet. 18 x 27, pap.

— Map of San Francisco, Cal., showing the water service of Spring Valley Water-Works, distributing reservoirs, districts supplied by each, and location of prin-cipal distributing mains: contour lines showing elevation above tide water, and fire department and fire patrol buildings: with plates and drawings illustrating the Spring Valley Water-Works. Dakin Publishing Co. 1895. (See QF-178.)

555 — Memo on the water supply of the City of San Francisco. W. J. McAlpine. no place, 1879. 10 pp., 9 x 6, pap.
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477 —Proceedings of the Board of Supervisors; and reports of engineer in the matter
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place. 1875. 115 pp., maps, 9 x 6, cl.

478 —Regulation of water rates: Proceedings before the Board of Supervisors. San
Fran. 1890. 88 pp., 9 x 6, pap.

479 —Report on the various projects for the water supply of San Francisco, Cal.,
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Fran. 1877. 9 + 233 pp., pl., maps, tabs., 9 x 6, pap.

483 SANDUSKY, OHIO. Annual report of the Trustees of the Water-Works; 1st-6th;
1893-98. Sandusky, 1897-98. 8 v., 9 x 6, pap.

484 SANTOS, BRAZIL. Sanitary improvements for the City and Port of Santos, Brazil.
E. A. Fuertes, Rudolph Herig and J. H. Fuertes. 1864. (See Ec-18.)

505 Saratoga Springs, N.Y. Annual report of the Water Commissioners; 7th;
by Saratoga Springs, N.Y. Saratoga Springs, 1879. 1 v., 9 x 6, pap.

506 —Charter and by-laws of the Village; together with the Water Law and By-laws.
1872. (See Os65-1.1.)

509 —Report of the trial of the Gaskill pumping engine at Saratoga Springs, N.Y.,
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510 SARNIA, Ont. By-law No. 109, to regulate the working and management of the
water-works, and for other purposes; as amended Apr. 9th, 1877. Sarnia, 1877.
8 pp., 9 x 6, pap.

Marie, Water-Works. no place, 1892. unpagd. 13 x 8, pap.

529 —Specifications for water-works. Sault Ste. Marie, 1892. 6 pp., il. 9 x 6, pap.

531 SCHENECTADY, N.Y. Biological examination of Mohawk River at Schenectady,
N.Y. C. C. Brown. no place. 1881. 7 pp., 9 x 6, pap.

532 —Contract and specifications for tank for Schenectady Water-Works. Schenectady,
1866. 14 pp., 10 x 7, pap.

533 —Report to the Water Commissioners of the City of Schenectady, 1867. W. J.
Hawley, Engineer to the City of Schenectady, 1867. 15 pp., 9 x 6, b. p.

534 —Specifications for pumping engine, etc., reference being had to plans, no
place. no date. 7 pp., 10 x 8, pap. no title-page.

535 —Specifications for the pump, main and distributing pipes, water gates, hydrants,
etc., reference being had to plans. no place. no date. 10 pp., 10 x 8, pap. no
title-page.

536 —Specifications of the distributing reservoir, reference being had to plans, no
place. no date. 7 pp., 10 x 8, pap. no title-page.

544 —Specifications of the engine house, boiler house, pump well, chimney, dam at
Froeders Creek and conduit leading to pump well, reference being had to plans,
no place. no date. 11 pp., 10 x 8, pap. no title-page.

545 SCRAMPTON, PA. Plan, elevation and section of new dam. Scranton Gas and
Water Co. Scranton, 1873. pl., 15 x 23, pap.

546 SEATTLE, WASH. Municipal reports. (See Os65-2.1.)

719 —Report on water-works for the City of Seattle, Wash., to the Mayor and City
Council; by Benette Williams, Chief Engineer of the Water Department.
Seattle, 1890. 35 + 4 pp., 8 x 6, pap.

725 SEWICKLEY, PA. Annual report of the Commissioners of the Water-Works to the
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730 SHARON SPRINGS, N.Y. Water-works and sewers: Notices, specifications, etc.
no place, 1897. unpagd. 15 x 7, pap.

731 SHEFFIELD, Eng. Analysis of evidence given before the Sheffield Jury on
7 pp., 8 x 5, b. p. no title-page. Ec-30, p. 79.

736 —Complete history of the great flood at Sheffield on Mar. 11th and 12th, 1864; being
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Government on the causes of the flood, etc. Samuel Harrison. Note: Account
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739 —Copies of the report of the engineers employed by the Sheffield Water-Works
Co. to report on the Dale Dale and Ailer Reservoirs, etc. no place, 1865. 38
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759 —Copy of the reports of the engineers employed by the Sheffield Water Co. and
by the Corporation of Sheffield, to report on the bursting of the Dale Dale Reser-
voir; and of the reports of the Royal Engineers for the York District on the
same subject, etc. no place, 1865. 22 pp., pl., 10 x 9, b. p.
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--- Letter to Mr. Leather, the Consulting Engineer, in relation to the failure of the Bradfield Reservoir, after a minute inspection of the reservoir bank. Apr. 30th, 1894.. William Naylor. no place, 1894. 5 pp., 9 x 6, b. p. no title-page. Ch.321, p. 275.

--- Report from the Chairman, on inspection of the Sheffield embankment. John Gray. 1894. (S-e De 554, p. 85.)

--- Report to the Secretary of State for the Home Department, on the condition of the reservoirs belonging to the corporations of the Boroughs of Sheffield and Bradford. In the County of York. Robert Rawlinson. no place, 1894, 1 v., pl., map, 18 x 8, pap.

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15.—Return of the amount of rates made and levied by the Commissioners of Sewers, on the several parishes in each district, from 1843 to 1847, and return shewing the length, size and cost of new works executed, the amount expended in each year, etc. no place, 1854. 44 pp., tab., 13 x 9, b. p.

138.—Return of the rates levied by the Commission in the several parishes of the Borough of Lambeth, and the amount of such rates collected and expended in each parish in each year from 1849 to 1854, both inclusive. Metropolitan Commission on Sewers. no place, 1855. 3 pp., 13 x 9, b. p.

138.—Return of the total expenditure relating to the Victoria Street Sewer, with an account of the modes raised towards the expenditure of the said sewer; together with the names of the members of the Commission of Sewers under whose orders the Victoria Sewer was commenced. Metropolitan Commission on Sewers. no place, 1855. 10 pp., 13 x 9, b. p.

15.—Rudimentary treatise on the drainage of towns and buildings: suggestive of sanitary regulations conducive to the health of an increasing population. ed. G. S. Dempsey. Lond., 1854. 212 pp., ill., 7 x 4, cl.

LOS ANGELES, CAL. Municipal reports. (See O145-2.1.)

158.—Report of the Board of Engineers, upon the disposal of the sewage of Los Angeles City, and its sewer system. Rudolph Herting and others. 1889. (See En-49.)

188.—LOUISVILLE, KY. Specifications for sewers, City of Louisville, 1889. City Engineer. no place, 1889. 26 pp., 13 x 9, pl., 8 x 4, pap.

25.—LOWELL, MASS. Report to the Committee on Sewers and Drains of the City of Lowell, on a general system of sewerage. City Engineer. Lowell, 1874. 56 pp., ill., map, 9 x 6, b. p.

25.—LUDINGTON, MICH. Discussion of the sewerage and drainage of Ludington. A. A. Clark. no place, no date. pp. 25-35, 10 x 6, pap. no title-page.

LYNCHBURG, VA. Reports of the Standing Committees of the Council. (See O153.2.1.)

LYNN, MASS. Annual reports of the City Engineer. (See O189-2.1.)

71.—Reports in relation to sewerage for the City of Lynn. J. H. Shed. Lynn, 1877. 4 + 80 pp., pl., map, 9 x 6, pap.

90.—MADISON, WIS. Report on the sewerage of the City of Madison, Wis. A. D. Conover. no place, no date. 4 pp., 9 x 6, pap.


64.—MAIDEN, MASS. Report to the Board of Street Commissioners, on a sewerage system. (City Engineer. Maiden, 1892. 1st pp., 9 x 6, pap.

245.—MANCHESTER, N. H. Annual reports of the City Engineer. (See O193-2.1.)

245.—Mar. 1912. Mass. Contract and specification for construction of a sewer, No. of sewerage system. Sewerage Committee, no place, 1890. 23 pp., 10 x 8, pap.

15.—Reports of the City Engineer. (See O15-2.1.)
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24 MARQUETTE, Mich. Sewerage of the City of Marquette; Correspondence and report of examination by the Secretary of the State Board of Health. H. B. Baker. no place. 1888. pp. 170-173, 9 x 6, pap. no title-page.

90 MASSACHUSETTS. Annual report of the Board of Metropolitan Sewerage Commissioners. 3d-11th. 1885-94. Bost., 1884-1900. 7 v., ill., pl. 9 x 6, cl.

10 — Annual reports of the State Board of Health. 1899-98. (See Ed-7.)

10 — Special report on the pollution of rivers. J. P. Kirkwood. 1878. (See Ec-90.)


237 MELBOURNE, AUSTRALIA. Hydraulic shield tunnelling in Melbourne. G. H. Dunlop. Note: Used in building the sewers of Melbourne. no place, 1886. 22 pp., ill., 9 x 6, pap. no title-page.

110 MEMPHIS, TENN. Assainissement de Memphis. E. Lavodine. 1891. (See Eq-73.)

150 — Reports of the Fire and Police Commissioners to the Governor of the State. (See Oms20-1.)

105 — The death-rate of Memphis. G. E. Waring, Jr. 1882. (See Eq-60.)

105 — The Memphis sewer after four years' use; with remarks on the similar system at Keene, N. H. G. E. Waring, Jr. Newport, 1884. 15 pp., 7 x 5, pap.


105 — Report of the Chief Engineer, upon a public water supply and a system of drainage for the City of Memphis. Board of Water-Work and Sewerage Commissioners. Louisville, 1886. 110 pp., 9 x 6, b, p. Dc-401, p. 528.

105 — Report on the condition of the sewers of Memphis, Tenn., Mar. 4th, 1883. G. E. Waring, Jr. no place, 1883. 10 pp., 9 x 6, pap.

105 — Statements and estimates relating to pavements, sewers, etc., showing details of cost, specifications, and other information of work done. City Engineer. 1883. (See Na-H.)

137 MERIDEN, CONN. Message of the Mayor and annual reports of the several departments. (See Oms40-41.)

171 MEXICO, MEX. Proyecto de desagüe y saneamiento de la Ciudad de Mexico. Roberto Gayolio. Mexico, 1901. 94 pp., 2-11 pl., 25 tab., 18 x 8, cl.

225 MILLBURN, N. J. Report on the design and appropriation of cost of a joint tide-water sewer for the Municipalities of Newark, South Orange, Livingston, Irvington, and the Townships of West Orange, Millburn and South Orange, N. J. Alexander Potter. Irvington, 1895. 57 pp., map, 9 x 6, pap.

121 MILTON, MASS. Report of the Committee on Drainage. Bost., 1896. 26 pp., map, 9 x 6, pap.

225 MILWAUKEE, WIS. Annual reports of the Board of Public Works. (See Oms40-41.)

150 — Annual reports of the City Engineer. (See Oms40-41.)

150 — Report of the Commission of Engineers, on the collection and final disposal of the sewage, and on the water supply of the City of Milwaukee, 1890. G. H. Benson and others. Milwaukee, 1890. 101 pp., map, 9 x 6, pap.

220 MINNEAPOLIS, MINN. Annual reports of the City Engineer. (See Oms42-3.)


105 MONTREAL, QUE. Report on the various works executed by the Road Department. City Surveyor. (See Oms5-3.)

105 — Reports on the Corporation accounts: reports of the Chiefs of Departments. (See Oms5-3.)


105 NASHUA, N. H. Annual reports of the City Engineer. (See Oms2-1.)

105 NASHVILLE, TENN. Annual reports of the Treasurer and Recorder, Chief of Fire Department and other officers. (See Oms18-21.)


105 NEW HAVEN, CONN. Annual reports of the Board of Public Works. (See Oms20-3.)

105 — Proceedings of the annual meeting of the New Jersey Sanitary Association. (See Ss-a-36.)

105 — Report of the State Sewerage Commission; 1890. Trenton, 1900. 1 v., 9 x 6, pap.

105 NEW LONDON, CONN. Annual report of the Board of Sewer Commissioners; Ist-7th, 1906-1907. New London, 1907-08. 7 v., 9 x 6, pap.
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NEW SOUTH WALES. Report of the Commissioners for Roads, Bridges and Sewerage. (See De-115, Annual reports of the Public Works Department.)

NEW YORK CITY. Annual report of the Board of Health; 1870-73, '71. 1874-92. (See Ec-1.)

—Annual report of the Croton Aqueduct Department, made to the Common Council, 1874, 11th, 12th-21st; 1869, 30, 31-36. (See Ec-88.)

—Same; 1st; 1849. 1 v., 9 x 6, b. p. Dec-382, p. 96.


—Same; 10th, 12th-16th; 1858, 63-64. 3 v., 8 x 5, b. p. De-454, p. 187.

—Annual report of the Department of Public Works. (See Om-18-6.)

197  Contract for a sewer in Seventy-sixth Street between the Boulevard and Eleventh Avenue. Department of Public Works. no place, 1878. 35 pp., 14 x 8, pap.

197  Contract for building a sewer with its appurtenances in Brook Avenue, in the 2nd Ward, in the City of New York. Department of Public Works. no place, 1878. 35 pp., 14 x 8, pap.

201  Contract for constructing sewers and appurtenances in 190th Street, from Third Avenue to the summit between Alexander and Willis Avenues, with branches in Alexander Avenue between 189th and 190th Streets. Department of Public Parks. no place, 1881. 25 pp., 14 x 8, pap.

204  Contract for constructing sewers and appurtenances in 149th and 144th Streets between Third and Brook Avenues; and in 133rd Street between Alexander and Brook Avenues, with branches in Willis Avenue between 185th and 186th streets; and in Alexander Avenue between 149th and 148th Streets. Department of Public Parks. no place, 1881. 25 pp., 14 x 8, pap.

208  Contract for constructing sewers and appurtenances in 134th Street between 8th Avenue and Brook Avenue, with branches in Willis Avenue between 146th and 147th streets; and in Courtland Avenue between 8th Avenue and 151st Street. Department of Public Works. no place, 1881. 25 pp., 14 x 8, pap.

209  Contract for construction of sewer in 141st Street from Alexander Avenue to Brook Avenue, with branches in Alexander Avenue, and Willis Avenue. Department of Public Parks. no place, 1879. 24 pp., 14 x 8, pap.

199  Contract for construction of sewers in Mott Avenue, 144th Street, and 180th Street in the 2nd Ward. Department of Public Parks. no place, 1877. 25 pp., 14 x 8, pap.

210  Contract for construction of sewers in 149th Street, from Alexander Avenue to Brook Avenue, with branches in Alexander and Willis Avenues. Department of Public Works. no place, 1878. 25 pp., 14 x 8, pap.

215  Contract for constructing sewers in Third Avenue, 181st and 182nd Streets, with branches in Lincoln, Alexander and Willis Avenues. Department of Public Parks. no place, 1878. 25 pp., 14 x 8, pap.

203  Contract for sewer in Fifteenth Place between Fourth and Plowman Place, from end of present sewer in Fifteenth Street. Department of Public Works. no place, 1877. 25 pp., 14 x 8, pap.

222  Contract for sewer in Fifty-first Street, between First and Second Avenues. Department of Public Works. no place, 1877. 25 pp., 14 x 8, pap.

206  Contract for sewer in One Hundred and Fourth Street, between Fourth and Fifth Avenues. Department of Public Works. no place, 1878. 25 pp., 14 x 8, pap.

198  Contract for sewer in Twelfth Avenue, between 130th and 131st Streets, and in 131st Street, between Twelfth Avenue and the Boulevard. Department of Public Works. no place, 1878. 25 pp., 14 x 8, pap.

209  Contract for sewers in Vandam Street, between Greenwich and McDougall Streets; in Sullivan, between Broome and Spring; in Watts, between Greenwich and West; and in Washington, from Verty, to and through Leight to near Greenwich. Croton Aqueduct Department. no place, 1886. 24 pp., 14 x 8, pap.

196  Contract for the construction of a sewer in Third Avenue, and 143rd Street, in the 3rd Ward. Department of Public Parks. no place, 1877. 25 pp., 14 x 8, pap.

216  Contract for the construction of pipe sewers for Central Park. Department of Public Works. no place, 1876. 30 pp., 11 x 8, pap.

191  Proposals for sewer in 115th Street between 8th and Manhattan Avenues, and between Manhattan Avenue and avenue east of Morning Side Park. Department of Public Works. no place, 1886. 30 pp., 14 x 8. pap. no title-page.

194  Beveling cuttings and manholes for the 2nd Ward sewerage. Department of Public Works. N. Y., 1877. sheet, 14 x 11, pap.

—Report from the Topographical Engineer, upon the drainage of the 25th and 26th Wards of New York City. 1881. (See Ec-3.)

—Reports of the Department of Public Works. (See Om-25-8.)
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29 — Sewerage and sewage of the City of New York. C. H. Haswell, N. Y., 1877. 80 pp., 8 x 5, cl.

— Resolution for sewer. Croton Aqueduct Board. no place, 1865. 7 x 4 pp., 15 x 10, b. p., no title-page. Dec-109, pp. 117, 143.

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— Proposal for sewer in the City of Newark, Sept., 1862. City Surveyor. no place, no date. 1 p., 21 x 15, b. p., no title-page. Dec-763, p. 27.

256 — Report on the design and apportionment of cost of a joint tide-water sewer for the Municipalities of Newark, South Orange, Irvington, and the Townships of West Orange, Millburn, and South Orange. N. J. Alexander Potter. Irvington, 1866. 27 pp., map, 9 x 6, pap.


— Report on the sewerage and drainage of a portion of the City of Newark, N. J., including the Meadow drainage. Rudolph Hering. 1895. (See Dc-364, Annual report, 1895, p. 76.)

— Reports of the City Surveyor. (See Om-30-3.)

285 NEWPORT, R. I. Advertisement and specifications for building retaining walls for main sewer outlet at foot of Marsh Street, Newport, R. I. Committee on Streets and Highways. no place, 1896, unpaged, 12 x 8, pap. no title-page.

253 — Advertisement and specifications for furnishing iron sewer pipes. Committee on Streets and Highways. no place, 1896, unpaged, 12 x 8, pap. no title-page.

254 — Advertisement and specifications for laying submerged iron sewer pipe across the inner harbor, Newport, R. I. Committee on Streets and Highways. no place, 1896, unpaged, 12 x 8, pap. no title-page.

78 — Drainage map of the City of Newport, and of Middletown, R. I. J. P. Cotton. 1896. (See Dc-468.)

45 — Report and estimates, for the completion of the sewerage system of the City of Newport. R. I. City Engineer. Newport, 1895. 15 pp., 8 pl., 9 x 6, pap.

58 — Report of the Committee on Streets and Highways to the City Council, on plan of sewerage for the city. Newport, 1890. 20 pp., map, 9 x 6, pap.


38 — Drainage and drainage of Newport, R. I. Drainage Construction Co. Newport, 1890. 10 pp., map, 9 x 6, pap.

NEWTON, MASS. Annual reports of the City Engineer. (See Om-60-2.)

513 — Contract and specifications for building section. Newton sewerage system. Joint Standing Committee on Sewerage. no place, 1901. 28 pp., 10 x 8, pap.


NORTH CAROLINA. Report on the sanitary inspection of the state institutions and the water supply and sewage disposal of cities and towns. J. C. Chase. 1895. (See Dc-725.)

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NORTHFIELD, CONN. Reports of the Committee on Streets, Street Commissioner, and Board of Sewer Commissioners, 1896-97. (See Sa-77.)


OMAHA, NEB. Annual reports of the City Engineer. (See Om-38-2.)

— Municipal reports. (See Om-38-3.)

248 ORANGE, N. J. Contract and specifications for the construction of sewers and appurtenances, "the Northern Section." Sewerage Committee. Orange, 1892. 20 pp., 9 x 5, pap.

38 — Report, with plans and estimates, for the sewerage and drainage of Orange, N. J., by Bassett & Nute and Rudolph Hering. Consulting Engineer, Oct., 1895, on Sewerage and Drainage, Orange, 1895. 20 pp., 8 x 5, pap.

28 — Report, with plans and estimates, for the sewerage and drainage of Orange, N. J., May, 1890. C. F. Bassett. Orange, 1890. 25 pp., 8 x 6, pap.

75 OTTAWA, ONT. Report on the main sewerage of the City of Ottawa. Rudolph Hering. no place, 1897. 25 pp., 8 x 5, pap.
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—Canalisation souterraine de Paris: Types de galeries d'égouts. Paris, no date. 20 pp., 13 x 9, pap. no title-page.

—Data relating to the sewerage works. Rudolph Hering. 1881. (See Ec-138, p. 21.)


—État actuel de la question des égouts de Paris. Aristeide and Georges Dumont. (See Ec-865, v. 1, p. 21.)

—Mémoire sur les eaux de Paris présenté à la Commission Municipale. Préfecture du Département de la Seine. 1864. (See Ec-861.)


—Notes à l'appui du compte des dépenses de l'exercice: 1895-97, Département de la Seine. (Direction Administrative de la Vole Publique des Éaux et des Égouts.) 1897-98. (See Opé-1.2.)


—Projet pour alimenter Paris en eau de Seine et drainer mécaniquement cette capitale. Aristide Dumont. 1884. (See Ec-865, v. 1, p. 245.)


—Le tout à l'égout. La Construction Moderne. Paris, 1884. 34 pp., pl., 14 x 11, pap.


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—Report upon the general system of sewage disposal for the Valley of the Passaic River, and prevention of the pollution thereof. New Jersey-Passaic Valley Sewage Commission. Newark, 1897. 97 + 1 pp., maps, tabs, 9 x 6, ch.

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Pershing, H. L. Annual reports of the Department of Public Works. (See Opé-14.1.)

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—Annual reports of the Chief Engineer and Surveyor of the Department of Surveys. (See Opé-18.1.)

—Contract for the construction of main sewer. Department of Surveys. no place, 1987. 10 pp., 14 x 9, pap.

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—House and street drainage of Philadelphia, Pa. Rudolph Hering. 1878. (See Ed-8.)

—Proposal for the construction of main sewer. Department of Surveys. no place, 1878, unpaged, 14 x 8, pap.

—Reconstruction of part of the system of sewage of Philadelphia, Pa. G. S. Webster. 1895. (See Ac-130, p. 4.)

—Report on the Hart Creek sewer. H. B. Tatham. no place, 1877, 32 pp., ill., 9 x 6, s. no title-page.

—Reports of the Chief Commissioner of the Department of Highways. (See Opé-15.1.)

—Regulations, etc., for main sewer, appertaining to the establishment of all grade crossings on the line of Pennsylvania avenue and Noble Street. Department of Surveys. Phil., 1884. 34 pp., 14 x 8, pap.

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PORTLAND, ME. Annual reports of the City Engineer. (See Op56-3.1.)

PORTLAND, ME. Report upon a system of sewerage for the City of Portland, Ore., to the Mayor and Common Council, Dec., 1882. A. F. Sears. no place, 1883. 44 pp., 9 x 6, pap.

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—Annual reports of the several Departments of the City Government. (See Op56-3.1.)

—Rules and regulations in relation to water and sewers. 1877. (See De-181.)

—Specifications, etc., for the brick main sewer and its appurtenances, in the Fällkill District. Board of Water Commissioners. no place, 1872. 38 pp., 11 x 7, pap.

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—Contract and specifications for building sewer. Board of Water Commissioners no place, 1875-6, 3 v., 10 x 8, pap.

—Plans and profiles of the improved sewerage system for the interception and disposal of sewage. Sewer Department. Providence, 1860. 34 pl., 36 x 26, pap. no title-page.

—Proposed plan for a sewerage system, and for the disposal of the sewage of the City of Providence. (City doc. No. 26.) City Engineer. Providence, 1894. 164 pp., 37 pl., maps, 9 x 6, pap.

—Report of a Committee on sewerage in the City of Providence, Aug. 7th, 1878. American Society of Civil Engineers. (City doc. No. 96.) Providence, 1878. 11 pp., maps, 9 x 6, pap.

—Report on sewerage in the City of Providence, made by the Water Commissioners, as a Committee constituted by the Board of Aldermen to construct certain sewers and transmitting a report on the subject by J. Herbert Shidd. (City doc. No. 56.) Providence, 1874. 96 pp., 15 pl., map, 9 x 6, b. p.)

—Report on sewers: Oct. '73, Feb. '74, Je. '74-Nov. '75. Board of Water Commissioners. Providence, 1875-78. 13 v., 9 x 6, pap.

—Report on the water-works and sewers in the City of Providence, Nov. 9th, 1874. Board of Aldermen. (City doc. No. 118.) 1874. (See De-428.)

—Report on the location and size of the main and intercepting sewers and other information relating to the report presented to the City Council, Nov. 14th, 1884. City Engineer. (City doc. No. 42.) Providence, 1885. 41 pp., maps, 9 x 6, pap.

—Report of Committees appointed to construct sewers, Nov. 9th, 1873. Board of Aldermen. (City doc. No. 23.) Providence, 1873. 49 pp., 9 x 6, pap.

—Sewerage and sewage disposal at Providence. O. E. Waring, Jr. Newport, 1885. 16 pp., 7 x 5, pap.

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—Specifications, etc., for building sewer. Department of Public Works. no place, 1896. 58 pp., 10 x 8, pap.

—Report on the sewerage of the City of Quincy, III. Charles Macrhiiche and John Nichol. no place, 1877. 16 pp., 9 x 6, pap.

—Annual report of the City Engineer; to the Mayor and Common Council. C. F. Bassett. Reading, 1895. 56 pp., pl., 9 x 6, pap.

—Annual report of the Board in charge of the Departments of Water-Works, Fire, Highway and Street Improvements. (See Or15-3.1.)

—Annual report of the City of Rockland, containing the Mayor's address, and annual statements of the several Departments. (See Or15-3.1.)

—Annual reports of the Board of Public Works to the Common Council. (See Or15-4.1.)
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SAINT JOHN, N. B. Annual accounts and statements of the Commissioners of Sewage and Water Supply; with Superintendent's and Auditor's reports; 1888-89. (See De-332.)

—Annual report of the Commissioners of Sewage and Water Supply; 1st-3d, 1878, 1879, 1881-83, 1885-88, 90, 97, 98-71, 73. (See De-148.)

—Superintendent and Engineer's report; 34th-49th; 1888-98. (See De-427.)

ST. JOHN'S, NEWFOUNDLAND. Report on a proposed system of sewerage for St. John's, Newfoundland; accompanied by report on the same, by Charles J. Harvey, Town Engineer, including plumbing and house drainage regulations to be adopted at once. (See Rudolph Hering. St. John's, 1889. 36 pp., 10 x 7, pap.)

ST. JOSEPH, MO. Annual reports of the City Engineer. (See Osse-3.1.)

ST. LOUIS, MO. Annual report of the Sewer Commissioner; 1890-91. St. Louis. 1891. 9 x 6, pap.

—Contract for constructing district sewers in the City of St. Louis. Sewer Commissioner. no place, 1891, unpagd., 14 x 9, pap.

—Messages of the Mayor, with accompanying reports. (See Osse-3.1.)

—Reports of the Board of Improvement. (See Osse-3.1.)

ST. PAUL, MINN. Annual reports of the Board of Public Works. (See Osse-3.1.)

—Annual reports of the City Engineer. (See Osse-3.1.)

SALEM, MASS. City documents. (See Osse-3.1.)

SALT LAKE CITY, UTAH. Advertisement, instruction to bidders, proposal, specifications, contract and bond for the construction of pipe sewers. Board of Public Works. no place, 1891. 20 pp., 14 x 9, pap.

—Annual message of the Mayor; with annual reports of the Officers of Salt Lake City. (See Osse-3.1.)

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—Progress report of the Engineers in Charge to Devise and Provide a System of Sewing for the City and County of San Francisco. C. E. Grunsky and Mandarin Mason. San. Fran., 1893. 104 pp., ill., map, 9 x 6, pap.

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—Report on sewerage, and outfall sewer. Rudolph Hering. N. Y., 1899. 30 pp., 9 x 6, pap. no Title-page.


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SHARON SPRINGS, N. Y. Water-works and sewer: Notices, specifications, etc. Board of Water and Sewer Commissioners. 1897. (See De-789.)

SIoux Falls, S. D. Report upon a sewerage system for the City of Sioux Falls. S. D. Rudolph Hering. Sioux Falls, 1895. 36 pp., 9 x 6, pap.

SOMERVILLE, MASS. Annual reports of the City Engineer. (See Osse-3.1.)

—City of Somerville: Annual reports. (See Osse-3.1.)

—Official record; together with a photographic report of the evidence and arguments at the hearing, by George C. Burpee and W. O. Robson. Mass. State Board of Health. Note: Chemical engineering and other testimony concerning the “Millers River Nuisance” and the pollution of the Charles River. 1874. (See Ex-17.)

SOUTH AUSTRALIA. Reports on sewerage. (See De-965. Annual reports of the Public Works Department.)

SOUTH ORANGE, N. J. Report on the design and apportionment of cost of a joint tide-water sewer for the Municipalities of Newark, South Orange, Yardsbury Irvington, and the Townships of West Orange. Millburn and South Orange, N. J. Alexander Potter. Irvington. 1894. 67 pp., map, 9 x 6, pap.
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SPRINGFIELD, MASS. Annual report of the Superintendent of Streets and Sewers to the City Council; 16th, Rev.; 1884, '85. (See Na-88.)

—— Annual report of the City Engineer. (See O80-8.1.)

80 STOCKTON, CAL., INSANE ASYLUM. Report to the Board of Directors, on the sewerage for the Institution in their charge. California-State Engineer. Sacramento, 1883. 76 pp., 9 x 6, pap.

SUMMERTON, GA. Specifications of water-works and sewerage for Summerville, Ga. Board of Commissioners. 1897. (See DC-846.)

SUPERIOR, WIS. Annual reports of the Board of Public Works. (See O84-8.1.)

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BRIDGES—SUSPENSION.

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35 — Proposals for paint. Brooklyn, 1892. unpaged, 14 x 8, pap. no title-page.

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54 — Specifications for anchor plates. Brooklyn Anchorage, East River Bridge, no place, 1916. 5 pp., 14 x 8, pap. no title-page.
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56 — Specifications for cast-iron wire rope sockets for the suspenders of the East River Suspension Bridge. no place, 1887. 1 p., 14 x 8, b. p. no title-page.

57 — Specifications for certain steel work required for the completion of the suspended superstructure of the East River Bridge. no place, 1881. 8 pp., 14 x 8, b. p.

58 — Specifications for corners, facing and arch-stone, of granite, required for the New York Anchorage, East River Bridge. no place, 1875. unpublished, 14 x 8, b. p. no title-page.

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63 — Specifications for cut granite face-stone, required for the New York Tower, East River Bridge. no place, 1872. 8 pp., 14 x 8, b. p. no title-page.

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73 — Specifications for steel suspenders, connecting rods, stirrups and pins for the East River Suspension Bridge. no place, 1880. 4 pp., 14 x 8, b. p.

74 — Specifications for steel wire ropes for the over-floor stays and storm cables of the East River Suspension Bridge. no place, 1880. 8 pp., 14 x 8, b. p.

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76 — Specifications for steel wire traction cables for the N. Y. & B. Bridge. no place, 1882. unpublished, 14 x 8, b. p.

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79 — Specifications for the construction of a bridge on the line of the East River Bridge, across Franklin Square, in the City of New York. no place, 1890. 9 pp., 14 x 8, b. p.

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83 — Specifications for the extension of the roadways at New York Station. no place, 1891. unpublished, 14 x 8, b. p. no title-page.
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81 Report. U. S. Board of Engineers. Wash., 1894. 56 pp., 8 pl., 9 x 6, pap.

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88 Report to the Presidents and Directors of the Niagara Falls Suspension and Niagara Falls International Bridge Companies, on the condition of the Niagara Suspension Bridge. J. A. Roebling. Trenton, 1900. 29 pp., 9 x 6, pap.

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5 —In the Supreme Court of the United States, in vacation; motion for injunction before Mr. Justice Grier. State of Pennsylvania vs. The Wheeling & Belmont Bridge Co. and others. Phil., 1889. 30 pp., 9 x 6, b. p. no title-page.

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5 —Order of reference of the Supreme Court of the United States, with the proofs taken before R. Hyde Waiworth, Commissioner; together with his report and the report of the Engineer appointed by him to take the measurement of the bridge across the Ohio River at Wheeling. State of Pennsylvania vs. The Wheeling & Belmont Bridge Co. and others. Saratoga Springs, 1861. 3 v., pl., map, 9 x 6, b. c.

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84 ALLSTON BRIDGE. Contract and specifications for building an iron bridge, at Allston, over the Boston & Albany R. R. Boston-City Engineer. Bos., 1892. 26 pp., 9 x 12, pap.

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67 —Specifications for superstructure of bridge across the Mississippi River at Alton, Ill. G. S. Morgan. no place, 1862. unpublished, 14 x 9, pap. no title-page.

12 ASHTABULA BRIDGE. Notes and comments on the failure of the bridge on the Lake Shore & Michigan Southern Ry., over Ashtabula Creek, Dec. 30th, 1878. Gabriel Leverich, comp. no place, no date. unpublished, 5 x 8, pap. manuscript and newspaper slips.

27 —Report. Ohio-Joint Committee on Ashtabula Bridge Accident. Columbus, 1877. 136 pp., pl. 9 x 12, pap.

86 ATCHISON BRIDGE. Amended specifications for an iron railway and highway bridge over the Missouri River at Atchison, Kan. W. W. Wright. Atchison, 1873. unpublished, 14 x 9, pap. no title-page.

11 AUBURN BRIDGE. Wrought iron truss bridge at West Auburn, In. H. E. Horton. no place, no date. sheet, 34 x 38, pap.

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102 BELLEFONTAINE BRIDGE. A report to Charles E. Perkins, President of the Chicago, Burlington & Quincy R. R., by the Chief Engineer of the bridge. G. S. Morgan. no place, 1894. 40 pp., 2 x 10, pl., 14 x 22, pap.


59 —Specifications for masonry of bridge across the Missouri River at Bellefontaine Bluffs, Mo. St. Louis. Keokuk & Northwestern R. R. Co. no place, 1892. unpublished, 14 x 9, pap. no title-page.

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37 CHENANGO CANAL BRIDGE. Plan of road-bridge; extension of Chenango Canal. no place, 1870. pl., 88 x 94, pap.


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30 ELLSWORTH AVENUE BRIDGE, PITTSBURGH, PA. Specifications for superstructure of street bridge to be erected over the Pennsylvania R. R., at Ellis- worth Ave., Pittsburgh, Pennsylvania R. R. Co. Phil., 1876. 4 pp., 9 x 6, pap. no title-page.

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30 BATH, TIMORE & OHIO R. R. Co. Standard specifications for iron and steel bridges and viaducts. 1894. (See Fa-40.)

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30 — Proportions of pins used in bridges. (Van Nostrand's Science Ser.) N. Y., 1879. 22 pp., II, pl., 6 x 4, bds.

30 BERG, L. DE C. Graphical analysis of strains in trusses. 1904. (See Js-70, v. 2, p. 126.)

30 — Wooden and iron trusses. 1904. (See Js-70, v. 2, p. 176.)

30 BOLLER, A. P. Description of the various forms of truss bridges. 1878. (See Fa-7, p. 55.)

30 — Ring girders and simple trusses. 1878. (See Fa-7, p. 97.)

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30 BOULDEREN, L. F. G. General specifications of railway bridges and viaducts of iron and steel. 1890. (See Fa-45.)

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107
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s20 ALLEGHENY, PA.
  2.1 City Engineer. Annual report of the City Engineer, the Committee on Streets and Sewers, and the Street Commission of the Eastern District; 1873. Allegheny, 1873. 1 v., 9 x 6, b. & p. Dec-191, p. 1.
  2.1 Councils. Annual reports of the various officers and standing committees; 1874-79. Pittsburgh, 1875-80. 3 v., pl., 9 x 6, cl.

s23 ALTOONA, PA.
  2.1 City Engineer. Annual report; 1891-92. Altoona, 1892-93. 2 v., tab., 8 x 6, pap.

s20 ATCHISON, KAN.
  2.1 Council. Reports of the City Officers; 1888-90. Atchison, 1889-90. 9 v., 9 x 6, pap.

b9 BALTIMORE, MD.
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b9 BELLEVILLE, ILL.
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b20 BINGHAMTON, N. Y.
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b20 BLOOMFIELD, N. J.
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b30 BLOOMINGTON, ILL.
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b30 BOSTON, MASS.
  1.1 Annexation Commission. Report by the Commissioner appointed to investigate the subject of the annexation of certain neighboring cities and towns to the City of Boston. Bost., 1873. 131 pp., 9 x 6, pap.
  2.1 Auditor of Accounts. Annual report of the receipts and expenditures of the City of Boston and the County of Suffolk, State of Massachusetts; May, 1874-79. Bost., 1874-79. 6 v., 9 x 6, cl.
  4.1 City Council. Municipal register; containing the City Charter, the rules and orders of the City Council, and a list of officers of the City of Boston; 1878- 79. Nota: Registers, 1876-78 wanting. Bost., 1878-79. 5 v., pl., 9 x 6, cl.
  7.1 Fire Commission. Report of the Commissioners appointed to investigate the cause and management of the great fire in Boston. Bost., 1873. 24+ 98 pp., 9 x 6, pap.
  5.1 Fire Department. Annual report; 34th-35th; 1871-78. Bost., 1872-78. 2 v., 9 x 6, cl.
  8.1 Street Department. Annual report; 1892-94. Bost., 1893-94. 3 v., pl., tab., 9 x 6, cl.

* Note.—Reports relating exclusively to one subject have been classed, wherever possible, with that subject.
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b40 BRIDGEPORT, CONN.
2.1 Municipal register: containing a list of city officers and committees, messages of the Mayor, members of the several boards, reports and other public documents. 1866-89. Bridgeport, 1886-89. 4 v., 9 x 6, pap.

b48 BROOKLYN, N. Y.


b50 BUFFALO, N. Y.

2.1 City Engineer. Annual report; 1895-96. Buffalo, 1896-96. 2 v., tab., 9 x 6, pap.

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6.1 Department of Public Works. Annual report; 1894-95. Buffalo, 1895-96. 5 v., tab., 9 x 6, pap.

5.1 Mayor. Annual message; 1878-80. Buffalo, 1879-80. 2 v., 9 x 6, b. p.

b55 BURLINGTON, IA.
2.1 Annual reports of the City Officers; Mar., 1874-75, 91-94. Burlington, 1875-94. 4 v., 9 x 6, pap.

b57 BURLINGTON, VT.
2.1 Annual report of the City Government; 7th-19th; 1871-82. Note: Reports Nos. 10-11, 15 wanting. Burlington, 1872-88. 9 v., 9 x 6, pap.

b65 BUTTE, MONT.
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b25 CHAMBERSBURG, PA.
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b30 CHARLESTON, S. C.
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2.1 Annual reports of the Town Officers; 1960. Chicopee, 1961. 1 v., 9 x 6, pap.

C45 CINCINNATI, OHIO.
2.1 City Council. Annual reports; 1966. Cln., 1867. 1 v., 9 x 6, cl.

C50 CLEVELAND, OHIO.
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C55 COLUMBUS, OHIO.
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C60 CONCORD, N. H.
2.1 City Council. Annual report of the receipts and expenditures of the City of Concord; together with other annual reports and papers relating to the affairs of the city; 23d; 1879. Concord, 1878. 1 v., 9 x 6, b. p. Doc-189, p. 297.

C70 COVINGTON, KY.
2.1 Fire Department. Annual report; 18th-15th; June, 1878-79. Covington, 1877-79. 3 v., 9 x 6, pap.

C10 DANVERS, MASS.
2.1 Selectmen. Statement of the accounts of the Town of Danvers; 1877. Danvers, 1878. 1 v., 9 x 6, pap.

C20 DECATUR, ILL.
2.1 Annual reports of the City Officers; 1877, '79. Decatur, 1878-80. 2 v., 8 x 5, pap.

C30 DES MOINES, I.A.
2.1 City Civil Engineer. Annual report to the City Council; 1st-3d; 1886-86. Des Moines, 1886-87. 3 v., maps, tab., 10 x 7, pap.

C60 DULUTH, MINN.
2.1 Board of Public Works. Annual report; 1st-11th; 1897-97. Duluth, 1896-96. 11 v., pl., maps, tab., 9 x 6, pap.
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C70 EAST SAGINAW, MICH.
2.1 Board of Public Works. Annual report to the Common Council; 1st-8th; 1885-86. East Saginaw, 1886-86. 3 v., tab., 8 x 6, pap.

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2.1 City Engineer. Annual report; 1899. Easton, 1900. 1 v., pl., 9 x 6, pap.
2.1 Mayor. Messages, Controller's statement and Department reports; Mar., 1894-95. Easton, 1894-95. 1 v., 9 x 6, pap.

C95 ENSOUBURGH, VT.
2.1 Annual report of the Officers of the Town of Enosburg; 1889. Enosburg Falls, 1890. 1 v., 7 x 5, pap.

C95 ERIE, PA.
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C95 FALL RIVER, MASS.
2.1 Mayor. Inaugural address and reports; 1877. Fall River, 1877. 1 v., 8 x 5, pap.

C95 FITCHBURG, MASS.
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2.1 Financial statement of the Municipal Corporation; 1873-77. Hamilton, 1877-78. 2 v., 9 x 6, pap.

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2.1 Department reports; 1876-99. Harrisburg, 1877-90. 2 v., 9 x 6, pap.

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2.1 Board of Street Commissioners. Annual report to the Court of Common Council; 14th-15th, 18th; 1880-86, '95. Hartford, 1886-90. 3 v., 8 x 6, pap.

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2.1 Military Governor. Annual report; June, 1896-99, no place, 1899. 1 v., pl., maps, 9 x 6, pap.

2.2—Remarks on the industrial, economic and social conditions existing in the Department of Havana; made pursuant to instructions of Aug. 16th, 1896, from the Division Commander; by William Ludlow. Havana, 1899. 10 pp., 9 x 6, pap.

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2.1 Selectmen. Report on the financial affairs of the town; 1875. Hingham, 1875. 1 v., 9 x 6, pap.

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2.1 Department of Public Works. Annual report of the Board; 3d-4th; 1898-99. Indianapolis, 1898-99. 3 v., tab., 9 x 6, pap.

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k24 KANSAS CITY, MO.—(Continued).

2.1 City Engineer. Semi-annual report; together with report of City Engineer, submitted to Mayor and Common Council; 6th, 8th, 12th, 18th; Dec., 1889, 1890, 1891, 1892. Kansas City, 1889-91. 4 v., pl., map, tab., 9 x 6, pap.

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K30 KEENE, N. H.

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2.1 City Council. Annual report of the receipts and expenditures of the city; 1st, Feb., 1894. Laconia, 1894. 1 v., 9 x 6, 31.

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2.1 Commissioners of Sewers. Report of works executed; by the Engineer and Surveyor to the Commission; 1871-76, 72-93. Lond., 1875-95. 30 v., 9 x 6, pap. —Report to the Special Committee upon Improvements, on the traffic and Improvements in public ways of the City of London, by William Haywood, Engineer and Surveyor to the Commission. Lond., 1894. 112 pp., map, 9 x 6, b. p. Ex-15, p. 13.


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2.1 Municipal reports; 1891. Los Angeles, 1892. 1 v., maps, 8 x 6, pap.

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2.1 City Engineer. Annual report; 1886-96. Lynn, 1880-96. 8 v., map, tab., 9 x 6, pap.

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2.1 Board of Street Commissioners. Reports; 1894. Bost., 1894. 1 v., pl., 9 x 6, pap.

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2.1 City Engineer. Annual report; 1886, '90-96, '96. Manchester, 1887-96. 4 v., tab., 9 x 6, pap.

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2.1 Mayor, Message, and annual reports of the several departments; 1878-79. Merrick, 1878-79. 2 v., 9 x 6, pap.
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2.1 City Surveyor. Report; 1886-90. Note: Report, 1887 wanting. Newark, 1887-91;
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3.1 Mayor. Message and accompanying documents; 1899. Newark, 1891. 1 v., 9 x
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2.1 Mayor. Message to the Select and Common Councils: together with municipal
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2.1 Mayor. Annual report: Report of Treasurer, Water Commissioners, Street and
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2.1 City Engineer. Annual report; 1884-85, 86-94. Omaha, 1885-96. 8 v., pl., maps,
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3.1 Corporation. Assessment roll of By Ward; 1876. Ottawa, 1876. 1 v., 9 x 6, pap.

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2.1 City Clerk. Statement of the finances: together with Treasurer's account;
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p23 PHILADELPHIA, PA.—(Continued).


8.1 Department of Surveys. Annual report of the Chief Engineer and Surveyor; 1880, 1881-84, 85-86. Phil., 1887-87. 7 v., 9 x 6, pap.

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p28 PITTSFIELD, MASS.

2.1 Reports of the Water Commissioners, Prudential Committee and Commissioners of Main Drainage, etc.; Apr., 1889-79. 77-79. Pittsfield, 1890-79. 10 v., 9 x 6, pap.

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p38 PLYMOUTH, MASS.

2.1 Town Officers. Annual report; 1876-78. Plymouth, 1877-79. 3 v., 9 x 5, pap.

p40 PORT HURON, MICH.

2.1 Board of Public Works. Charter; also, the by-laws, rules and regulations and tariff of water rates adopted by the Commissioners. Port Huron, 1878. 31 pp., 9 x 6, pap.

p45 PORTLAND, ME.

2.1 Auditor. Annual report of the receipts and expenditures; 17th; with the Mayor's address and annual reports of the several departments, made to the City Council; 1875. Portland, 1876. 1 v., 9 x 6, cl.

3.1 City Engineer. Annual report; 1890-1904. Portland, 1891-94. 4 v., 9 x 6, pap.

4.1 Mayor. Address at the organization of the City Council, for the municipal year 1890-91. Portland, 1890. 1 v., 9 x 6, pap.

p50 POUGHKEEPSIE, N. Y.

2.1 Common Council. Annual reports of the several departments of the City Government; 1879. Poughkeepsie, 1879. 1 v., tab., 9 x 5, pap.

p55 PROVIDENCE, R. I.

3.1 Board of Public Works. Quarterly report; 8d, 5th, 7th, 15th-18th, 8th, 7th, Sept., 1868. Mar., 74, Sept., 74, Sept., 75-June, 76, Mar., 70, Mar., '72. Providence, 1868-92. 9 v., tab., 9 x 6, pap.

2.1 City Engineer. Annual report; 1873-74, 77-90. Providence, 1873-1900. 20 v., pl., maps, tab., 9 x 6, pap.

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2.1 City Engineer. Report; 1885-94. Quebec, 1884. 1 v., tab., 8 x 6, pap.

3.1 City Surveyor and Water-Works Engineer. Report; Apr., 1875-76. Quebec, 1875. 1 v., 9 x 6, 1/4 skv.

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q9 QUINCY, ILL.

2.1 Mayor. Message; together with the reports of City Officers; Mar., 1877-79. Note: Message and reports, Mar., 1874-75, 77-78 wanting. Quincy, 1874-79. 4 v., ill., 9 x 6, pap.

r3 READING, PA.

2.1 Municipal reports; 1877. '77. Reading, 1876-86. 2 v., maps, 9 x 6, pap.

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2.1 City Engineer. Annual report; 8d; 1875. Richmond, 1875. 1 v., 9 x 6, b. p. De-223, p. 271.

r15 ROCHESTER, N. Y.


r20 ROCKFORD, ILL.

2.1 City Clerk. Financial statement; 1875. Rockford, 1876. 1 v., 9 x 6, pap.

3.1 Common Council. Annual reports of the City Officers; May, 1879-90. Rockford, 1890. 1 v., 9 x 6, pap.

r25 ROCKLAND, ME.

2.1 Common Council. Annual report of the City of Rockland, containing the Mayor's address and annual statements of the several departments; 36th-96th, 44th; Feb., 1880-83, 97-98. Rockland, 1890-98. 5 v., 9 x 6, pap.

s9 SAGINAW, MICH.

2.1 Board of Public Works. Annual report to the Common Council; 1st-3d; 1890-98. Saginaw, 1891-98. 3 v., pl., tab., 9 x 6, pap.
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319. ST. ALBANS, VT.
2.1 Annual report of the Town Officers; 1981, '82-'83. St. Albans, 1880-82. 10 v., 9 x 6, pap.

320. ST. JOHNSBURY, VT.
2.1 Reports of the Trustees, Chief Engineer of the Fire Department, Superintendent of Water-Works, and the Treasurer; 1878-79. St. Johnsbury, 1878-79. 2 v., 8 x 5, pap.

323. ST. JOSEPH, MO.
2.1 City Engineer. Annual report; Apr., 1888-89. St. Joseph, 1889. 1 v., pl., 9 x 6, pap.

326. ST. LOUIS, MO.
2.1 History of St. Louis, commercial statistics, improvements of the year, and account of leading manufactories, etc. St. Louis, 1884. 67 pp., map, 9 x 5, b. p. AjJ-1, p. 381.

328. ST. PAUL, MINN.
2.1 Board of Public Works. Annual report; 1886-87. St. Paul, 1887-88. 2 v., pl., maps, 9 x 6, pap.

343. SALEM, MASS.
2.1 Annual report of the several departments, committees, etc.; 1887-79. Salem, 1890-71. 5 v., 9 x 6, b. p. De-510, pp. 27, 427, 605.
3.1 —City documents: 1871-73. Salem, 1873-74. 5 v., 9 x 6, pap.
—Municipal register; containing a list of the government and officers of the City of Salem for 1870; and an historical list of members of the City Council from 1886 to 1870. Salem, 1870. 32 pp., 9 x 6, b. p. De-510, p. 358.
—Mayor. Inaugural address to the City Council; 1885-86. Salem, 1885-86. 4 v., 8 x 6, b. p. De-511, pp. 77, 113, 440.
— Same: 1886-87. 5 v., 9 x 6, b. p. De-509, pp. 1, 381.
— —Valedictory address to the City Council; 1870. Salem, 1870. 1 v., 9 x 6, b. p. De-510, p. 403.

350. SALT LAKE CITY, UTAH.
2.1 Fire Department. Annual report of the Chief Engineer; 1870. Salt Lake City, 1890. 1 v., 9 x 6, pap.
3.1 Mayor. Annual message; with the annual reports of the Officers; 1890. Salt Lake City, 1891. 1 v., 9 x 6, pap.

353. SAN DIEGO, CAL.
2.1 Board of Public Works. Annual report; 1890. San Diego, 1891. 1 v., 9 x 6, pap.
3.1 —Board of Supervisors. Municipal reports; June, 1878-98. San Fr., 1878-98. 25 v., pl., por., phot., maps, 9 x 6, mor.

358. SARATOGA SPRINGS, N. Y.
2.1 Charter and by-laws of the village; together with the Water Law and By-laws. Saratoga Springs, 1872. 74 pp., 9 x 6, pap.

360. SAVOIS, MASS.
2.1 Auditors. Annual report of the receipts and expenditures of the Town of Saugus; 1879. Lynn, 1879. 1 v., 9 x 6, pap.

365. SEATTLE, WASH.
2.1 City Council. Municipal reports; 1891. Seattle, 1891. 1 v., maps, tab., 9 x 6, sh.
2.1 City Engineer. Report; 1892. Seattle, 1893. 1 v., pl., tab., 8 x 6, pap.

370. SHANGHAI, CHINA.
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2.1 City Engineer. Annual report; 17th-18th; 1860-91. Somerville, 1891-92. 2 v., 9 x 6, pap.

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2.1 City Engineer. Annual report; 1891. Springfield, 1892. 1 v., 9 x 6, pap.

SUPERIOR, WIS.
2.1 Board of Public Works. Annual report; 1891. Superior, 1891. 1 v., tab., 9 x 6, pap.

SURBITON, ENG.

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2.1 Board of City Auditors. Proceedings; 1885-94. Syracuse, 1884-94. 2 v., 9 x 6, pap.
2.1 Common Council. Proceedings and reports of the City Officers; 1890. Syracuse, 1890. 1 v., 9 x 6, cl.
4.1 Mayor. Inaugural addresses and reports of Department; 1877-78. Syracuse, 1878. 1 v., 9 x 6, pap.

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2.1 Board of Public Works. Annual report; 1st; 1901. Tacoma, 1901. 1 v., pl., 9 x 6, pap.

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2.1 City Civil Engineer. Annual report; 1866, '68. Toledo, 1867-68. 2 v., 9 x 6, pap.

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2.1 City Engineer. Statement of work done; 1890-91. no place, 1892. 1 p., 11 x 8, pap.

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2.1 City Engineer. Annual report; 1892-93. Toronto, 1892-99. 15 v., pl., maps, tab., 9 x 6, pap.

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3.1 Public Improvement Commission. Annual report; 3d; 1901. Troy, 1896. 1 v., maps, tab., 9 x 6, pap.

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2.1 Laws and ordinances relating to the Town of Truro, Nova Scotia. ed. 2. Truro, 1879. 88 pp., 8 x 6, pap.

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2.1 City Surveyor. Annual report; Feb., 1887. Utica, 1888. 1 v., pl., 9 x 6, cl.

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2.1 Annual report of the Auditors, Common Council and other officers of the city; Mar., 1879. Vergennes, 1879. 1 v., 9 x 6, pap.

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2.1 Annual reports of the several Boards of Town Officers; 1875. Waltham, 1875. 1 v., 9 x 6, pap.

WASHINGTON, D. C.
2.1 Annual report; Nov., 1876-June, '78. June, '82-'83, June, '85-'86. District of Columbia-Commissioners. Wash., 1877-86. 4 v., pl., maps, 9 x 6, pap.
4.1 Report: June, 1871-Nov., '72. District of Columbia-Board of Public Works. no place, 1872-'73. 1 v., pl., tab., 9 x 6, cl.

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2.1 City Engineer. Annual report; 1890-91. Waterbury, 1891-93. 3 v., ill., pl., tab., 9 x 6, pap.

WESTFIELD, MASS.
2.1 Annual reports of the Treasurer, Selectmen, Overseers of Poor. Water Commissioners and Assessors of the Town of Westfield; Feb., 1877. Westfield, 1878. 1 v., 9 x 6, pap.

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2.1 Municipal reports; Mar., 1890. Wichita, 1890. 1 v., 9 x 6, pap.
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\[30\] WILLIAMSPORT, PA.
2.1 Mayor. Message. City Controller’s report, and reports of Departments; 1889, 94-96. Williamsport, 1890-97. 4 v., tab., 9 x 6, pap.

\[33\] WILMINGTON, DEL.
2.1 Department of Engineering and Surveying. Annual report of the Chief Engineer; 1st, 5d-16th, 1st-35th: 1871, 73-90, ’91-’92. Wilmington, 1873-98. 10 v., 9 x 6, pap.
3.1 Street and Sewer Department. Annual Statement of the Board of Directors; 1st-5th, 7th-9th, 11th; 1887-91, ’93-95, ’97. Wilmington, 1889-98. 9 v., pl., tab., 9 x 6, pap.

\[40\] WORCESTER, MASS.
2.1 Mayor. Inaugural address of the Mayor: with the annual reports of the several departments; 1848-94. Worcester, 1849-95. 37 v., tab., 9 x 6, pap.

\[99\] YOUNGSTOWN, OHIO.
2.1 Board of City Commissioners. Report: Apr., 1888. Youngstown, 1888. 1 v., 9 x 6, pap.
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ADIRONDACK PARK, N. Y. Map of the Adirondack Forest and adjoining territory; compiled from the official maps and field notes on file in the State Departments at Albany, N. Y. New York State Fisheries, Game and Forest Commission. 1888. (See Q3-201.)

34 ALLEGHENY, PA. Annual report of the Park Commission; 84; 1899. Pittsburgh, 1899. 1 v., 9 x 6, cl.

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1 NORTH DAKOTA. Preliminary report of explorations in Nebraska and Dakota, in the years 1882, '86, '87, G. K. Warren. Wash., 1887. 150 pp., map, 8 x 6, 35.


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26- Report of the Secretary of Internal Affairs on the boundaries of the Commonwealth. no place, 1887. 100, map, 9 x 6, 35.

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66 SHANGHAI, CHINA. Special Engineer and Surveyor's Department report on the delimitation of the boundaries of Hongkow; or, the American settlement at Shanghai. Shanghai, 1866. 35 pp., map, phot, 9 x 6, 35.

53 SIBERIA. Report of Lieut. G. B. Harber, U. S. N., concerning the search for the missing persons of the Jeanette Expedition, and the transportation of the remains of Lieutenant-Commander De Long and companions to the United States. With report of the Secretary of the Navy. no place, 1874, 75 pp., pl., map, 9 x 6, 35.

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68.—North American Boundary: Supplementary reports relating to the boundary between the British possessions in North America and the United States of America, under the Treaty of 1786. Lond., 1842. 130 pp., pl., map, 18 x 8, b. 19 x 14, p. 68.

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77.—Reports of inspection made in the summer of 1877 by P. H. Sheridan and W. T. Sherman, of country north of the Union Pacific R. R. War Department. Wash., 1878. 130 pp., pl., maps, 9 x 6, 14 ro.


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—Tables of geographic positions, altitudes, and distances, together with lists of barometric altitudes, magnetic declinations, and itineraries of important routes; prepared principally by M. M. Macomb, from data gathered by parties of the surveys, operating in the states and territories of California, Colorado, Nebraska,


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21 — Map of the City of Albany, with villages of Greenbush, East Albany and Rensselaer, N. Y. E. Jacob. Albany, 1897. scale, 300 ft. to 1 in.

22 — Map of the neighborhood of the City of Albany, showing the routes of the proposed plans for furnishing a supply of water. F. W. Birmingham. 1890. (See Dec. 26.)

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75 BARNSTABLE COUNTY, MASS. Map of the Counties of Barnstable, Dukes and Nantucket. Mass.; based upon the trigonometrical survey of the state, the details from actual surveys. H. F. Walling. Boston, 1896. scale, 1:56,000.

81 BATH, N. Y. Map of the City of Albany, with villages of Greenwhich, East Albany and Bath. N. Y. E. Jacob. Albany, 1867. scale, 400 feet to 1 in.

186 BEAUFORT HARBOR, N. C. Preliminary sketch of Beaufort Harbor. U. S. Coast Survey. no place, 1911. scale, 1:10,000.

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128 BLACK ROCK HARBOR, CONN. Harbors of Black Rock and Bridgeport. U. S. Coast Survey, no place, 1908. scale, 1:20,000.


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28 BOSTON, MASS. Map of Boston and vicinity. H. F. Walling. Boston, 1899, scale, 1 mile to 1 in.

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5 — Map of the City of Boston and its environs, from actual surveys. D. J. Lake. Boston, 1897. scale about 1 mile to 1 in.

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54 BROOKLYN, N. Y. City and county map of New York, Brooklyn, Williamsburgh, Jersey City and the adjacent waters. J. H. Colton. N. Y., 1862. scale about 1:4 miles to 1 in.

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100 BUFFALO HARBOR, N. Y. Chart of Buffalo Harbor and head of Niagara River with the outlet of Lake Erie. U. S. Bureau of Topographical Engineers. no place, 1850 (1) scale, 1 : 30,000.

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409—Preliminary mineralogical and geological map of the State of California. California State Mining Bureau. no place, 1891. sheet, 54 x 59, pap. scale, 18 miles to 1 in.

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327—Government map of part of the Dominion of Canada, embracing the Provinces of Ontario, Quebec, Manitoba, New Brunswick, Nova Scotia, Prince Edward Island, etc.; comp. under the direction of Thomas Devine. Department of Crown Lands. no place, 1873. scale about 30 miles to 1 in.

332—Map of part of the North West Territory, including the Province of Manitoba, showing an approximate classification of the lands. Department of the Interior. Montreal, 1875. sheet, 27 x 30, pap. no scale given.

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2—Plans of various lakes and rivers between Lake Huron and the River Ottawa. to accompany the geological reports for 1856, 57, 56, 56. 1857. no scale given. (See Yt-80, v. 2.)

226 CAPE COD HARBOR. Comparative map of Cape Cod Harbor, showing physical changes between the survey in 1835 and the United States Coast Survey in 1867. Massachusetts-Cape Cod Harbor Commission. no place, no date. scale about 1½ mile to 1 in.

301 CAPE FEAR RIVER. Sketch of Frying-Pan Shoals and Cape Fear River. U. S.-Coast Survey. no place, 1861. scale, 1:120,000.

242 CAPE FLATTERY, WASH. Cape Flattery and Neahah Harbor. Wash. U. S.-Coast Survey. no place, 1863. scale, 1:40,000.

155 CAPE VERDE ISLANDS. Maps. Portugal-Comissão de Cartografia. no place. 1888. 7 sheets. scale, 1:100,000.
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211 CARIBBEAN SEAS. Gulf of Mexico, West Indies, and Caribbean Sea: from the most recent United States Coast Survey, Spanish and British Admiralty charts. U. S. Hydrographic Office. Wash., 1869. 6 sheets. no scale given.

188 CAT ISLAND HARBOR. Cat and Ship Island Harbors. U. S. Coast Survey. no place, 1868. scale: 1:40 000.

187 CATALINA HARBOR, CAL. Reconnaissance of Catalina Harbor and the anchorages on the N. E. side of the island. U. S. Coast Survey. no place, 1858. scale: 1:15 000.

370 CATSKILL MOUNTAINS. Relief map. N. Y., no date. sheet, 8 x 10, pap. no scale given.

188 CAWKIN'S ISLAND, CONN. Harbors of Sheffield Island and Cawkin's Island. U. S. Coast Survey. no place, 1848. scale: 1:30 000.

352 CAYUGA LAKE, N. Y. Surveyed by the Senior and Junior classes from 1874-78. Cornell University-Engineer Department, N. Y., 1891. scale: 1:60 000.

7 CENTRAL AMERICA. Karte des Nördlichen tropischen Amerika: A new map of tropical America north of the Equator, comprising the West Indies, Central America, Mexico, New Granada and Venezuela. H. Kleppers. Berlin, 1856. variable scale about 61 miles to 1 in.

35 — Map of the United States, Mexico, Central America, California, Oregon, New Mexico, W. Indies, etc., with the boundaries of the several states, railroads, canals, etc. R. S. Tanner. N. Y., no date. no scale given.

310 CENTRAL PACIFIC R. R. Map of C. P. R. R. across summit of Sierra Nevada. no place, no date. scale: 1:600 000 to 1 in.

501 CERRO DE PASCO MINING DISTRICT. Map of the Cerro de Pasco Mining District, Peru, South America: to accompany the reports of the Cerro de Pasco Mining Commission, 1897. no place, 1888. sheet, 40 x 29, pap. scale: 1:8 000.

311 CHARLESTON, S. C. Historical map of Charleston, 1670-1885; comp. from United States Coast Survey map, harbour charts, railroad and private plans; by Louis J. Barbois, City Civil Engineer. Charleston, 1884. sheet, 14 x 18, cl. scale about 977 ft. to 1 in.


346 —— Chattanooga mineral district. no place, no date. sheet, 40 x 29, pap. no scale given.

180 CHESTER RIVER, MD. Mouth of Chester River. U. S. Coast Survey. no place, 1868. sheet, 1:40 000.

179 CHICAGO, ILL. Map. U. S. Corps of Engineers. (Survey of the Northern and North Western Lakes.) no place, 1872. scale about 1 000 ft. to 1 in.

150 CHICAGO INTERNATIONAL EXHIBITION. 1893. Map of the buildings and grounds of the World's Columbian Exposition at Jackson Park and the Midway Plaisance, Chicago, Ill.; issued by the Department of Works. Chic., 1898. scale about 100 ft. to 1 in.

498 CHICAGO RIVER. Atlas containing maps of Chicago River, Ill., and its branches; showing the result of improvement by the United States Government, under direction of Major W. L. Marshall, Corps of Engineers, U. S. A., in 1866 to 1896. U. S. Corps of Engineers. Wash., no date. pl., maps, 29 x 33, pap. scale: 100 ft. to 1 in.


29 CHITTENDEN COUNTY, VT. Map. H. F. Walling. Boe., 1887. scale about 4 000 ft. to 1 in.

178 CITY HALL PARK, NEW YORK CITY. Plan. no place, no date. scale: 30 ft. to 1 in.

489 CITY OF MEXICO & TUXPAN RY. Map. no place, no date. sheet, 29 x 30, pap. scale about 30 miles to 1 in.

300 CLINTON COUNTY, OHIO. Map. H. F. Walling. N. Y., 1898. sheet, 15 x 10, cl. scale, 1 000 miles to 1 in.

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253 COLOMBIA. Maps of the United States of Colombia. Bogota, 1884. 10 sheets. scales: 1:60 000; 1:25 000; 1:50 000; 1:100 000.


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538 GEOGRAPHY—MAPS AND ATLASÉS.

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66 FRANKLIN COUNTY, ME. Topographical map. H. F. Walling. N. Y., 1861 scale, 1 mile to 1 in.

47 FRANKLIN COUNTY, MASS. Map: based upon the trigonometrical survey of the state. H. F. Walling. Bost., 1858. scale, 240 rods to 1 in.


309, 10 —Topographic atlas sheets of Georgia. U. S.-Geologic Survey. Wash., 1865-67, 18 sheets, 17 x 15, map, scale, 1: 185,000; contour intervals, 50 and 100 ft.

145 GERMANY. Deutschland. E. Rayns and Henry W. Moore. 1861, scale, 1: 2,000,000.

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325 —Map of the seat of the Franco-Prussian War. Illustrated London News. Lond., 1870, sheet, 82 x 33, map, no scale given.

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325 GIBSON COUNTY, IND. Map of Knox and Gibson Counties, Ind. Indiana-state Geologist, no place, 1873 (?) sheet, 32 x 25, map, no scale given.

26 GRAFTON COUNTY, N. H. Topographical map. H. F. Walling. N. Y., 1855, scale about 1 mile to 1 in.

145 GRAND ISLAND, MICH. Preliminary chart of Grand Island and its approaches. Lake Superior. U. S.-Bureau of Topographical Engineers. (Survey of the Northern and North Western Lakes.) no place, 1865, scale, 1:25,000.


425 GREAT BRITAIN. Maps and sections of the railways of Great Britain. George Bradshaw. Lond., 1808, sheet, 50 x 45, map, scale about 10 miles to 1 in.

175 GREEN BAY, WIS. Head of Green Bay and entrance to Fox River. Wis. U. S.-Bureau of Topographical Engineers. (Survey of the Northern and North Western Lakes.) 1863, scale, 1:30,000.

111 —North end of Green Bay, the islands at the entrance, and the N. W. shore of Lake Michigan. U. S.-Corps of Engineers. (Survey of the Northern and North Western Lakes.) no place, 1864, scale, 1:100,000.

109 —South end of Green Bay, the islands at the entrance thereof and part of west shore of Lake Michigan. U. S.-Corps of Engineers. (Survey of the Northern and North Western Lakes.) no place, 1864 (?) scale, 1:100,000.

22 GREENE, NEW YORK. Map of the City of Albany, with villages of Greenbush, East Greenbush, and S. Y. E. Jacob. Albany, 1867, scale, 300 ft. to 1 in.

148 GREENE COUNTY, VA. Map; prepared by Jed Hotchkiss, Mar., 1866. U. S.-Bureau of Topographical Engineers. no place, 1875, scale, 1 mile to 1 in.

81 GRENVILLE COUNTY, CANADA. Map of the united counties of Leeds and Grenville. Canada West; from actual surveys. H. F. Walling, Kingston, 1891, scale, 1 mile to 1 in.

510 GUARA HARBOR. Plano general del puerto muelle taijamar de la Guaira. G. L. Houston. Caracas, 1891, sheet, 18 x 19, map, scale, 1: 4,000.


293 HAMPTON COUNTY, MASS. Atlas. F. W. Beers and others. N. Y., 1870, 48 pp., maps, 15 x 14, § by §, various scales.

303 —Map; based upon the trigonometrical survey of the state. H. F. Walling. Bost., 1866, scale, 1: 47,520 or 240 rods to 1 in.

296 HAMPDEN COUNTY, MASS. County atlas. F. W. Beers, N. Y., 1870, 106 pp., maps, 15 x 13, § by §, no scales given.

74 —Map; based upon the trigonometrical survey of the state, the details from actual surveys. H. F. Walling. N. Y., 1880, scale, 240 rods to 1 in.

114 HANKOCK COUNTY, ME. Topographical map; from actual surveys. H. F. Kirtz, Freeport, scale about 1 mile to 1 in.

108 HOLMES' HOLE HARBOR, MASS. The Harbor of Holmes' Hole and the Harbor of Tarpaulin Cove. U. S.-Coast Survey. no place, 1847, scale, 1: 20,000.

396 HOUSTON, W. Honduras and San Salvador. Central America; showing the line of the proposed Honduran Inter-oceanic Ry. E. G. Squier. N. Y., 1884, sheet, 23 x 39, é., no scale given.
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INDIA. Eastern Bengal, Assam, Burmah and parts of China and Siam, mostly published for the maps of the Survey-General of India; with charts of the Irrawady River. Robert Gordon. Calcutta, 1898. 18 sheets. various scales.

INDIAN OCEAN, Indian and part of the N. and S. Pacific Oceans: from the Japan and China coast, United States Expedition, and the most recent British, French, Spanish and Dutch authorities. U. S.-Hydrographic Office. Wash., 1899. 2 sheets. no scale given.

INDIAN TERRITORY. Map of the States of Kansas and Texas, and Indian Territory: with parts of the Territories of Colorado and New Mexico. U. S.-Corps of Engineers. ed. 2. no place, 1902. scale: 1:150 000.

IOWA. Maps and profiles of the Iowa railroads. Iowa Board of Railroad Commissioners. 1893. (See Ab-14, Annual report for 1891, v. 8.)

ISLE ROYALE. Chart of Isle Royale including northwest coast of Lake Superior. U. S.-Corps of Engineers. (Survey of the Northern and North Western Lakes.) no place, 1901 (7). scale, 1:400 000.

ITALY. Carta corografica della Divisione di Genova. Torino, 1898. scale, 1:250 000.

JACKSONVILLE, FLA. Map of the City of Jacksonville and suburbs. Duval County, Fla. J. F. Le Baron. Jacksonville, 1895. scale, 800 ft. to 1 in.

JAPAN. Geological and topographical maps of the oil lands of Japan. Japanese Geological Survey. no place, 1902. scales: 1:60 000; 1:2 000 000.

JERSEY CITY, N. J. City and county map of New York. Brooklyn, Williamsburg, Jersey City and the adjacent waters. J. H. Colton. N. Y., 1892. scale about 1/4 mile to 1 in.

KANSAS. Map of the states of Kansas and Texas and Indian Territory: with parts of the Territories of Colorado and New Mexico. U. S.-Corps of Engineers. ed. 3. no place, 1874. scale: 1:150 000. contour intervals, 50 and 50 ft.

GEOGRAPHY—MAPS AND ATLASES.

Qf—(Continued).

426 KANSAS PACIFIC R. R. Map of the route of the Southern Continental R. R., with connections from Kansas City, Mo., Ft. Smith, Ark., and Shreveport, La.; giving a general view of the recent surveys of the K. P. Ry. Co., made in 1867 and 1868, under the direction of William J. Palmer; together with complications from Keefer's official map showing the central and northern routes to the Pacific. Wash., no date. sheet, 40 x 23, pap. scale, 60 miles to 1 in.

159 KELLEYS ISLAND. Kelleys and Bass Islands, showing the harbors of refuge in their vicinity, being an extract from the survey of the west end of Lake Erie, U. S. Bureau of Topographical Engineers. (Survey of the Northern and North Western Lakes.) Wash., 1852. scale, 1:50,000.

578 KENNEBEC RIVER. Chart of the Kennebec River from Augusta to Gardiner. no place, 1887. sheet, 21 x 22, pap. scales: horizontal, about 655 ft. to 1 in.; vertical, about 12 ft. to 1 in.

505 —Survey of Kennebec River; drawn by N. B. Bennet. J. K. Findlay and others. no place, no date. sheet, 36 x 47, pap. scale about 1/4 mile to 1 in.


284 —Preliminary map of Kentucky and maps of counties, agricultural map of the Jackson Purchase and a map of the Cumberland Mountain system. Kentucky-geological Survey. N. Y., 1851-62. 30 sheets, various scales.


195 KEY WEST HARBOR, FLA. Preliminary chart of Key West Harbor and approaches. U. S.-Coast Survey. no place, no date. scale, 1:100,000.

711 KINGS COUNTY, N. Y. Topographical map of the Counties of Kings and Queens, N. Y. F. Walling. N. Y., 1851. scale, 1:60,000.


823 KNOX COUNTY, IND. Map of Knox and Gibson Counties, Ind. Indiana-State Geologist. no place, 1879 (?). sheet, 5 x 26, pap. no scale given.

286 LABRADOR. Chart of Newfoundland and part of the coast of Labrador. James Ingram & Son, pub. Lond., 1835. no scale given.

491 LAKE SHORE & MICHIGAN SOUTHERN RY. Map of the L. S. & M. S. Ry. and its connections; comp. fr the latest sources and showing the true location of each track. Lake Shore & Michigan Southern Ry. Co. Buffalo, 1878. no scale given.

110 L'ANSE. L'Anse, including portage entry and part of Ewenenaw Bay, Lake Superior. U. S. Corps of Engineers. (Survey of Northern and North Western Lakes.) no place, 1886. scale, 1:30,000.

286 LAREDO, TEX. Map of location between Laredo and Monterey. Mexican National Construction Co. no place, no date. scale about 8 miles to 1 in.

81 LEEDS COUNTY, CANADA. Map of the united counties of Leeds and Grenville, from actual surveys. H. F. Walling. Kingston, 1921. scale, 1 mile to 1 in.

292 LEGHORN, ITALY. Pianta geometrica delle Citta' di Livorno e progetto artistico della sua sistemazione generale. no place, 1849 (?). scale, 1:5 000.

502 LEHIGH COAL & NAVIGATION COMPANY'S COAL PROPERTY. Map of coal property near Mauch Chunk, Pa. R. F. Borthwell. Phil., 1888. scale, 1,000 ft. to 1 in.

428 LEHIGH VALLEY R. R. Map of the L. V. R. R. and leased lines, with their connections; rev. by J. Oppermann. R. H. Sayre. N. Y., 1871. sheet, 21 x 18, pap. scale about 18 miles to 1 in.

309 —Map showing the L. V. R. R. system in the anthracite coal fields of Pennsylvania. Leo von Rosenberg, pub. N. Y., 1887. sheet, 24 x 16, pap. scale about 8 miles to 1 in.

14 LEBITH, SCOTLAND. Plan of the City of Edinburgh and Town of Leith, with their environs, showing all the recent and intended improvements, lines of railway, etc. James Kirkwood & Son. no place, no date. scale about 600 ft. to 1 in.

196 LITTLE EGG HARBOR. U. S.-Coast Survey. no place, 1846. scale, 1:30,000.

472 LONDON, ENG. Improved "District Railway" map of London. ed. 2, no place, no date. sheet, 26 x 42, pap. scale about 1 4 mile to 1 in.

481 —London railway travelling made easy; showing at a glance what station to go to, to get to any part of London or suburbs. R. J. Cook. Lond., 1879. sheet, 22 x 24, pap. scale, 1/2 mile to 1 in.

479 —Map of the contours of London and its environs, showing the districts and areas supplied by the nine metropolitan water-works' companies. R. W. Myntse. Lond., 1866. sheet, 32 x 60, cl. scale, 1:17 032. contour intervals, 10 ft.
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231—Maps of London and its environs. Great Britain-Ordinance Survey. Note: Skeleton plan of city sheets wanting. Southampton, 1848-50; 3 sheets, scale about 1 mile to 1 in.

459—Metropolitan District Ry. and lines in connection therewith. Lond., 1888, sheet, 20 x 16, pap. no scale given.

474—Smith's map of proposed metropolitan railways and improvements. Smith & Son, pub. Lond., 1866, sheet, 20 x 14, pap. scale about 4 miles to 1 in.

505—Long, Henry, N. W. E. Map of the L. N. E. Ry. and its communications. Lond., 1887, sheet, 15 x 11, pap. scale about 8 miles to 1 in.

218 LONG ISLAND. Western part of the southern coast of Long Island. U. S.-Coast Survey. Issued, 1851, scale, 1:90,000.

230 LONG ISLAND CITY, N. Y. Plan of Long Island City, comp. from maps of different parts of the city in existence at the time of the organization of the Commission of Streets, Roads, Avenues and Parks in May, 1871. no place, no date, scale, 1:10,000.

506 LOUISIANA. Section of Hardee's map of Louisiana; showing coast plantations below New Orleans and location of Eads's jetty at South Pass. T. S. Hardee, no place, 1897, sheet, 17 x 10, pap. scale about 6 miles to 1 in.


458 LOUISVILLE, Ky. Map of Louisville, Ky., showing the Kentucky and Indiana Bridges and its connections, no place, 1881, sheet, 14 x 16, pap. no scale given.

73 LUMING COUNTY, PA. Topographic map; from actual surveys. H. F. Waling, N. Y., 1901, scale, 1 mile to 1 in.

70 MACKINAC, STRAITS OF. Straits of Mackinac with the approaches thereto from Lakes Huron and Michigan and the entrance by the Historical Passage to the St. Mary's River; from trigonometrical surveys. U. S.-Bureau of Topographical Engineers. no place, 1874 (7) scale, 1:120,000.

507 MAIN RIVER, Uebersichtskarte der Main-Canalisation von Frankfurt bis Mainz und des Mainanschlusses nach Mainz. Frankfurt-am-Main, 1885, sheet, 27 x 19, pap. scale, 1:5,000.

71 MAIN. Map of the State; from surveys made by the United States Coast Survey, from the British and American Boundary Commissions' Survey, from the State Land Survey, and the New Brunswick Provincial Surveys; drawn on the rectangular polygonic projection, according to the United States Coast Survey Tables. H. F. Waling and J. Chace, Jr., Portland, 1892, scale, 5 miles to 1 in.


470 MANCHESTER SHIP CANAL CO. District map showing existing canals and navigations connecting with Manchester. Manchester, 1868 (17) sheet, 52 x 37, pap. scale, about 3 miles to 1 in.

143 MARQUETTE HARBOR, Mich. Preliminary chart of Marquette Harbor, Lake Superior. U. S.-Bureau of Topographical Engineers. (Survey of the Northern and North Western Lakes.) no place, 1859, scale, 1:5,000.

348 MARSEILLES, FRANCE. Plan de Marseille. Comp. by G. Marcellin, 30 x 18, pap. no scale given.

235 MARYLAND. New topographic atlas of the State of Maryland and the District of Columbia, with descriptions, historical, scientific, and statistical; together with maps of the United States and Territories. S. J. Marriner, H. F. Waling and O. W. Gray. Balt., 1873, various maps, pages, 18 x 13, 1/4 m. various scales.


133 MASSACHUSETTS. Geographic dictionary of Massachusetts. Henry Gannett. 1894. (See Yh-37, No. 116.)

230—Official topographic map, from astronomical, trigonometrical and various local surveys. H. F. Waling and O. W. Gray, comp. 100 places, 1971. 100 pp., maps, 16 x 14, 1/4 m. various scales.


396—Topographic map; comp. from the original sheets of a map made under the auspices of the United States and the Commonwealth of Massachusetts in 1844 to 1857. U. S.-Geological Survey, N. Y., 1866, sheet, 32 x 50, pap. scale, 1:125,000, contour intervals, 100 ft.

235—Topographic map; from astronomical, trigonometrical, and various local surveys: made by order of the Legislature; Simeon Borden, Superintendent. Boston, 1894. 6 sheets. scales; 1/4 miles to 1 in., or 1:125,000, 5 miles to 1 in., or 1:818,800.
543 GEOGRAPHY—MAPS AND ATLASES.

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9 — Topographical map; based on the trigonometrical survey by Simeon Borden; the details from actual surveys under the direction of H. F. Walling. N. Y., 1891. scale, 354 miles to 1 in.

176 MAUMEE BAY. Surveyed and drawn under the direction of Captain Geo. M. F. H. U. S.-Bureau of Topographical Engineers. (Survey of the Northern and Western Lakes.) no place, 1857 (?) scale, 1:80 000.

905 MESSINA, N. Y. Messina, locally known as East Syracuse: De Witt freight station on the N. Y. C. & H. R. R.; Town of De Witt. H. W. Clarke, no place, no date. scale, 400 ft. to 1 in.

168 MEDITERRANEAN RY. Map of the M. N. Ry., including its proposed extension and connections. no place, 1890. sheet, 27 x 36, pap. scale, 984 miles to 1 in.

142 — Map of the M. N. Ry., showing the lines granted by the Mexican Government to the N. N. Construction Co., Palmer-Sullivan Concession. no place, 1881. sheet, 30 x 46, pap. scale, 1: $2 000 000.

7 MEXICO. Karte des Nördlichen tropischen Amerika: A new map of tropical America north of the Equator, comprising the West Indies, Central America, Mexico, New Granada and Venezuela. H. Kiepert. Ber., 1858. variable scale variable to 1 mile in 1 in.

915 — Map: showing railroads completed, proposed, and in construction. Leo Rosenberg, N. Y., 1891. sheet, 14 x 10, pap. scale about 140 miles to 1 in.

915 — Map of the United States, Mexico, Central America, California, Oregon, New Mexico, W. Indies, etc., with the boundaries of the several states, railroads, canals, etc. H. S. Tanner, N. Y., no date. no scale given.

6 — Nuevo mapa estadistico de Mexico en que se marcan los productos de las diferentes zonas, las líneas de ferrocarriles actuales y proyectadas, las líneas telegraficas y electricas, alturas, y poblaciones. A. R. Owen. Phil., 1884. scale about 80 miles to 1 in.

97 — Plano orográfico de la zona recorrida por el ferro-carro Mexicano de Veracruz a Mexico. A. G. Cubas. Mexico, 1877. scale about 854 miles to 1 in.

915 — Tras-Tolabolampo Pacific R. R. and Telegraph Line, Mex. N. Y., no date. sheet, 18 x 18, pap. scale about 140 miles to 1 in.

490 — Transportation lines between the United States and Mexico, showing differences of elevation. no place, 1884. sheet, 32 x 17, pap. no scale given.

211 MEXICO, GULF OF. Gulf of Mexico, West Indies and Caribbean Sea; from the most recent United States Coast Survey, Spanish and British Admiralty charts. U. S. Hydrographic Office. Wash., 1892. 6 sheets. no scale.

217 — North coast of the Gulf of Mexico; from the United States Coast Survey and the most recent authorities. U. S. Hydrographic Office. Wash., 1870. 3 sheets. no scale given.

357 MICHIGAN. Atlas of the State, including statistics and descriptions of its topography, hydrography, climate, natural and civil history, railways, educational institutions, material resources, etc. by Alexander Winchell, C. I. Walker, Oramel Hosford, Henry M. Utey, and Ray Riddle. H. F. Walling, ed, and comp. Detroit, 1871. 165 pp., maps, 18 x 18, 4 maps, various scales.


102 MICHIGAN LAKE. North and north east end of Lake Michigan. U. S.-Bureau of Topographical Engineers. (Survey of the Northern and Western Lakes.) no place, 1855-57. 3 sheets. various scales: 1:130 000 to 1: 400 000.

6 MIDDLEBOROUGH, MASS. Map: surveyed by order of the Town. H. F. Walling. N. Y., 1926. scale, 1:24 000.

21 MIDDLESEX COUNTY, N. J. Map; from actual surveys. H. F. Walling, N. Y., 1921. scale about 1/4 mile to 1 in.


2 MISISQUOI COUNTY, CANADA. Map of the Counties of Shefford, Ivryville, Brome, Missisquoi, and Rouville, Canada East. O. W. Gray, no place, 1894. scale about 1/5 miles to 1 in.


508 MISSISSIPPI RIVER. Chart of the head of the Passes of the Mississippi River above the confluence of the works and the changes from 1858 to 1859. E. L. Cortell, no place, no date. sheet, 41 x 51. cl. scale about 30 ft. to 1 in.

478 — Course of the Mississippi, from the Illinois to Fort Chartres, taken on an expedition to the Illinois in the latter end of the year 1826. no place, 1827. sheet, 17 x 15, pap. scale about 1/4 miles to 1 in.

68 Delta of the Mississippi, including the river to and above Forts Jackson and St. Philip and the contiguous Gulf waters and Fort St. Philip Ship Canal. U. S. Coast and Geodetic Survey. no place, 1874 (?) no scale given.
GEOGRAPHY—MAPS AND ATLASSES.

Qf—(Continued).

497 —Detail map of the Lower Mississippi River from the mouth of the Ohio River to the head of the Passes. Mississippi River Commission. N. Y., no date. 88 sheets, 35 x 30, cl. scale, 1:30,000.

498 —Lloyd's map of the Lower Mississippi River from St. Louis to the Gulf of Mexico; comp. from Government surveys in the Topographical Bureau, Washington, D. C.; J. T. Lloyd, pub. N. Y., 1863. sheet, 39 x 33, cl. scale about 6 miles to 1 in.

499 —Map of the alluvial valley of the Mississippi River from the head of St. Francis Basin to the Gulf of Mexico, showing lands subject to overflow, location of levees and trans-alluvial profiles. Mississippi River Commission, no place, 1882. 36 sheets, 15 x 12, cl. scale about 10 miles to 1 in.

500 —Map of the course of the Mississippi, from the Missouri and the country of the Illinoi to the mouth of this river. no place, no date. blue print, 35 x 11, pap.

501 —Map of the cressasses of the Mississippi River and the overflowed portions of Arkansas, Mississippi, and Louisiana, from surveys furnished by H. B. Thompson, Secretary of the Board of State Engineers of Louisiana, and from investigations up to date. New Orleans Lithographic Co., pub. New Orleans, 1862. sheet, 87 x 284, pap. scale, about 12 miles to 1 in.

502 —Map of the Lower Mississippi River: from the mouth of the Ohio River to the head of the Passes. Mississippi River Commission, no place, 1891-97. 36 sheets, 15 x 12, cl. scale about 10 miles to 1 in.

503 —Map of the Mississippi River from Cairo to Donaldsonville, showing bank erosion as derived from special survey made Nov. 30th, 1891, to Mar. 20th, 1892, showing also the controlling line of levees in 1892. Mississippi River Commission, no place, 1893. 36 sheets, 15 x 24, pap. no scale given.

504 —Maps of Cherokees, Sam Phillips, Point Pleasant, and Medley: Barn, showing results of dredging operations season of 1860. Mississippi River Commission, no place, 1860. (1) 18 sheets, scale, 200 ft. to 1 in.

505 —Mississippi River from St. Louis to the sea: comp. and prepared from the official reports of recent surveys made by the United States Government; from the reports of state engineers, and from other reliable sources. J. A. Ocker and C. W. Stewart, St. Louis, 1860. 41 sheets, 5 x 14, pap. scale, 3 miles to 1 in.

506 —Mississippi River from the Passes to Grand Prairie, 7 A. U. S-Coast and Geodetic Survey. (Coast Chart No. 94.) no place, 1879. sheet, 39 x 20, pap. scale: 1:120,000, 8.35 metres.

507 —Preliminary map of the Lower Mississippi River from the mouth of the Ohio River to the head of the Passes. Mississippi River Commission, no place, 1891-98. 36 sheets, tab., 18 x 24, 1/4 skiv. scale, 1 mile to 1 in.

508 —MISSOURI. Atlas accompanying reports of Miss.-ari (geological) survey, 1874. Jefferson City, 1874. sheets, 15 x 13, pap. no scale given.

509 —Topographical atlas sheets of Missouri. U. S.-Geological Survey, Wash., 1877-98. 81 sheets, 17 x 15, pap. scale, 1:125,000, contour intervals, 50 ft.

510 —MISSOURI RIVER. Map: from surveys made in accordance with acts of Congress approved Jan. 16th, 1856, and March 3d, 1876, under the direction of Major Chas. H. Butler, by D. W. Wellman. U. S.-Corps of Engineers. N. Y., no date. sheets, 10 x 14, cl. scale, 1 mile to 1 in.

511 —The Missouri River from Ft. Benton, Mont., to Sioux City, Ia.: Charts Nos. 1-180. U. S.-Corps of Engineers. Note: Chart No. 38 wanting. no place, 1891-98. scale: 1:120,000, 1:12,000.

512 MOBILE BAY. Entrance to Mobile Bay. U. S.-Coast Survey. no place, 1861, scale: 1:60,000.

513 —Preliminary sketch of Mobile Bay. U. S.-Coast Survey. no place, 1851, scale: 1:300,000.

514 —MOUNT AIRY, N. J. Map. S. N. and F. W. Beers. N. Y., 1850. scale, 300 rods to 1 in.


516 —(Silver Bow Co.) Butte special map. U. S.-Geological Survey, no place, 1897. sheet, 17 x 24, pap. scale: 1:150,000, contour intervals, 20 ft.


518 MONTEREY HARBOR, CAL. U. S.-Coast Survey. no place, 1882. scale: 1:40,000.


520 —Mount Royal: Design map. N. Y., 1877, sheet, 17 x 21, pap. no scale given.

521 —MONTREAL HARBOR. Plan of part of the City of Montreal shewing as regards its present and the existing pier, the improvements suggested by the Harbour Commissioners and those recommended by John C. Trautwine. Montreal, 1895 (?) sheet, 39 x 34, b. p. Col., p. 199.
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(Continued)

94 MIRRISANIA, N. Y. Map. L. D. V. Mason and G. S. Greene, Jr. no place, 1871. scale, 1:60,000. 1 ft. to 1 in.

90 — Map. J. C. Buhkout and W. G. Livingston. N. Y., 1855. scale about 435 ft. to 1 in.

88 — Map from actual surveys. F. W. Boers, N. Y., no date. scale, 300 ft. to 1 in.

317 MOSCOW, RUSSIA. Plan of the City of Moscow. no place, no date. scale, 1:600 ft. to 1 in.

295 NANTYSLANCE, France. Plan géométrique de la Ville de Nantes. F. J. Pinnon, Nantes, 1864. scale, 1:5,000.

75 NANTUCKET COUNTY, MASS. Map of the Counties of Barnstable, Dukes and Nantucket, Mass.: based upon the trigonometrical survey of the state, the details from actual surveys. H. F. Welling. Boston, 1858. scale, 1:83,800.

100 NANTUCKET HARBOR, MASS. U. S.-Coast Survey. no place, 1849. scale, 1:200 ft.

67 NATICK, MASS. Map; surveyed by order of the Town. H. F. Welling, Phil., 1858. scale, 84 rods to 1 in.

390 NEBRASKA. Topographic atlas sheets of Nebraska. U. S.-Geological Survey. Wash., 1894-95. 22 sheets, 17 x 15, pap. scale, 1:123,000. contour intervals, 30 ft.

298 NEVADA. Map showing detailed topography of the country traversed by the reconnaissance expedition through Southern and Southwestern Nevada. U. S. Corps of Engineers. no place, 1869. scale, 18 miles to 1 in.


103 NEW BEDFORD HARBOR, MASS. U. S.-Coast Survey. no place, 1850. scale, 1:40,000.


191 — U. S.-Coast Survey. no place, 1846. scale, 1:80,000.

NEW JERSEY. Atlas. New Jersey-Geological Survey. 1894-99. various scales. (See Yh-95, v. 4.)

319 Atlas of the Metropolitan District and adjacent country; showing in a series of maps the relative geographical position, the topography, hydrography, and economic features of this area; from original surveys by J. B. Biren and C. C. Vermoule, the United States Coast and Geodetic Survey and the Geological Survey of New Jersey. Julius Biren & Co., publ. N. Y., 1891. 18 sheets, 23 x 18, 1/4 in. no scale given.

—Geographic dictionary of New Jersey. Henry Gannett. 1894. (See Yh-87, No. 138.)

27 Geographical map of New Jersey: the geographical material compiled and drawn by G. X. Hopkins from the State Topographical Survey, from data furnished by the United States Coast Survey, and from original records and original surveys; based upon the United States Coast Survey Triangulation, New Jersey-Geological Survey. no place, 1898. scale, 2 miles to 1 in.

110 — Map of the clay district of Middlesex Co., showing location of beds of stone-ware clay, kaolin and fire clay. New Jersey-Geological Survey. N. Y., 1875. scale, 1/4 mile to 1 in.

115 — Northern New Jersey, showing the iron-ore and limestone districts. New Jersey-Geological Survey. N. Y., 1874. scale, 2 miles to 1 in.


418 Topographical map of a part of Northern New Jersey; from surveys and leveling made, and local surveys corrected, by George W. Howell and C. C. Vermoule, upon a projection made by the United States Coast and Geodetic Survey, no place, 1892. sheet, 28 x 22, pap. scale, 1 mile to 1 in. contour intervals, 10 and 20 ft.

314 Topographical map of the Southwestern Highlands, with the southwest portion of Kittatinny Valley; from original surveys and leveling based on the triangulation of the United States Coast and Geodetic Survey. New Jersey-Geological Survey. N. Y., 1896. scale, 1 mile to 1 in.

110 NEW LONDON HARBOR, CONN. U. S.-Coast Survey. no place, 1848. scale, 1:30,000.
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349  NEW MEXICO.  Map of the Territory of New Mexico; comp. by Jno. G. Parks; assis.ted by Richard H. Kern, by order of Jno. Monroe, U. S. A., commanding Wh Mil. Dept., drawn by R. H. Kern, Santa Fe, N. M., 1851; constructed under general directions from J. J. Abert, Chief, Corps of Topographical Engineers, U. S. Bureau of Topographical Engineers.  N. Y., 1851.  sheet, 57 x 56, pap. no scale given.

350. 31  Topographic atlas sheets of New Mexico.  U. S. Geological Survey.  Wash., 1899-99.  18 sheets, 17 x 15, pap. scale, 1:165,000.  contour intervals, 100 and 300 ft.

375  NEW ORLEANS, La.  Plan of proposed improvements for the Lake Shore front of the City of New Orleans, showing location of embankment, pumping machinery, Esplanade harbor, rail and ship roads and public grounds.  New Orleans, 1873.  scale about 500 ft. to 1 in.

388  Plan of the City of New Orleans and the adjacent plantations.  Carlos Trudeau.  sheet, 36 x 46, pap. no scale given.

375  Sketch of draining sections of New Orleans, showing present canals, with proposed protection levees and reservoir canals.  New Orleans City Surveyor.  1879.  sheet, 18 x 12, pap. no scale given.

404  Topographic and drainage map of New Orleans and surroundings from recent surveys and investigations.  T. B. Harbut.  no place. 1879.  sheet, 34 x 44, pap. scale, 3,000 ft. to 1 in.

381  NEW ORLEANS, OPELOUSAS & GREAT WESTERN R. R.  Map exhibiting the fixed location of the main trunk of the O. O. & G. W. R. R. of La., together with its proposed branches, connections and extensions.  G. W. B. Bayley.  New Orleans, 1889.  sheet, 87 x 81, pap. scale, 30 miles to 1 in.

NEW SOUTH WALES.  Sketch map of New South Wales showing the localities of the principal minerals.  J. Taylor.  1870.  (See Th-67.)

315  NEW YORK & CROTON RIVER EXTENSION R. R.  Map and profile of located line of the N. Y. & C. R. R. R., also of the New York, Westchester & Boston Ry. from P. M. Branch of the N. Y. & Harlem R. R. to the Bronx River.  W. R. Bergholz.  no place. no date. scale 400 ft. to 1 in.

449  NEW YORK & HARLEM R. R.  Map showing the route of the Harlem R. R. between New York and Albany and its connexion with eastern and northern railroads.  N. Y., 1867.  sheet, 18 x 25, pap. scale about 154 miles to 1 in.

355  NEW YORK CITY.  Atlas of the City of New York, embracing all territory within its limits; from official records, plans and actual surveys by J. P. Beck and W. W. Vermeule, the United States Coast and Geodetic Survey and the Geological Survey of the United States.  Julius Bien & Co. pub., N. Y., 1861.  13 sheets, 25 x 18, 1/4 ro. scale, 1/4 mile to 1 in.

375  Atlas of the Metropolitan District and adjacent country, showing in a series of maps the relative geographical position, the topography, hydrography, and economic features of this area; from original surveys by J. B. Bien and C. C. Vermeule, the United States Coast and Geodetic Survey and the Geological Survey of the United States.  Julius Bien & Co. pub., N. Y., 1863.  13 sheets, 25 x 18, 1/4 ro. scale, 1/4 mile to 1 in.

375  Atlas of New York and vicinity, from actual surveys by and under the direction of J. P. Beck, assisted by A. B. Frindle and others.  N. Y., 1865.  sheets, tab., 16 x 18, 1/4 mor. various scales.

345  City and county map of New York, Brooklyn, Williamsburgh, Jersey City and the adjacent waters.  J. H. Colton, N. Y., 1862.  scale about 1/4 mile to 1 in.

385  Ensign, Bridgman & Fanning, pub., N. Y., 1865.  scale about 1/400 ft. to 1 in.

358  Oat & Hov, pub., N. Y., 1879.  no scale given.

407  General index of maps filed in the Register's office, New York City, N. Y.; published with additional notes.  Spielman & Brush.  Hoboken, 1881.  7 to 66 pp., maps, 36 x 21.

383  Map of the Cities of New York, Brooklyn, Long Island City, Jersey City and Hoboken.  N. Y., no date. sheet, 38 x 62, pap. scale about 5,000 ft. to 1 in.

478  Map of the City of New York; showing the main line branches, and connections of the Broadway Underground Ry. G. W. and C. B. Colton & Co., pub. N. Y., no date. map, 36 x 36, pap. no scale given.

400  Map of the Harlem River and Spuyten Duyvil Creek from Ward's Island to the Hudson River, N. Y.; showing project for covered waterway 90 ft. wide, to be built on the east line of the Harlem River, from the easterly side of Third Ave., to 166th St., New York City, and filling in between the points named so that the avenues and streets of Harlem may be extended into Morrisania; comp. and enlarged from the published War Department map of the pierhead and bulkhead in place of both shores of the Harlem River and Spuyten Duyvil Creek." no place, 1860.  scale, 400 ft. to 1 in.

10  Map of the northern portion of the City of New York, comprising the 12th Ward and New Jersey, and 5th Ward.  Cross and Van Winkle, N. Y., 1833-74.  scale about 1,000 ft. to 1 in.

381  Map of the 23d Ward, New York City, from official records and surveys.  F. W. Beers.  Note: v. 3 wanting.  N. Y., no date. v. 1 v., 23 x 15, 1/4 ro. scale, 150 ft. to 1 in.
GEOGRAPHY—MAPS AND ATLASSES.

(Continued).

Map showing the high and low water mark and the original city grants of lands under water made to various parties from 1686 to 1878, extending from the Battery to Fifty-first Street, Hudson and East Rivers, New York City; also the several pier and bulkhead lines established from 1730 to 1878; comp. by Charles K. Graham, Engineer-in-Chief. New York City-Department of Docks. N. Y., 1878. scale, 300 ft. to 1 in.

New map of New York, Brooklyn, Jersey City, etc. Gaylord Watson. N. Y., 1872. no scale given.


Same; surveyed in 1897, 98, 99 and 1907. no place, 1909. sheet, 49 x 88, pap. scale, 1:88,500. contour intervals, 30 ft.

Plan of New York City, from the Battery to Spuyten Duyvil Creek, showing every lot and building thereon; old farm lines, street numbers at the corners of blocks, railroads, steamboat landings, bulkhead and pier lines, etc.; based on surveys made by Randall and Blackwell, and on the special surveys made by J. F. Harrison. Matthew Griggs, pub. N. Y., 1887. pl., 44 x 34, 54 mor. no scale given.


Plan of the City of New York in North America; surveyed in the years 1766 and 1767. B. Ratzer. no place. no date. scale about 835 sq. ft. to 1 in.

NEW YORK HARBOR. Hell Gate and its approaches. U. S. Coast Survey. no place, 1851. scale, 1:5,000.

New York Bay and Harbor, N. Y. U. S. Coast Survey. no place, 1889. scale, 1:50,000.

New York entrance. U. S. Coast Survey. no place, 1897. scale, 1:40,000.

NEW YORK STATE. Atlas of the State of New York, designed for the use of engineers, containing a map of the State and of the several counties. Stone & Clark, pub. Rochester, 1859. 4 p. maps, 16 x 11, 54 sq. scale about 835 miles to 1 in.

Colton's new railroad and township map of the State of New York; with parts of adjoining states and Canada. G. B. Colton. N. Y., 1862-67. 8 sheets, 22 x 28, pap. scale about 104 miles to 1 in.

Geographical and geologic map of the State of New York, showing the locations and mineral deposits; by Frederick J. H. Merrill. New York State-University. N. Y., 1894. scale about 14 miles to 1 in.

Empire State. N. Y., 1901. scale about 15 miles to 1 in.

Map of northern New York showing the route of the Adirondack Ry. N. Y., no date. sheet, 17 x 14, pap. scale about 18 miles to 1 in.

Map of the Adirondack Wilderness and adjoining territory. New York-Forest Commissioners. no place, 1884. 6 sheets. scale about 1 mile to 1 in.

Map showing the position of the Albany and Susquehanna R. R. in relation to the other railroads of the States of New York, Pennsylvania and Massachusetts. N. Y., 1884. sheet, 26 x 35, pap. no scale given.


NEWFOUNDLAND. Chart of Newfoundland and part of the coast of Labrador. James Imray & Son, pub. Lond., 1855. no scale given.

NEWPORT, R. I. Drainage map of the City of Newport and part of Middletown. R. I. J. F. Colton. N. Y., 1880. sheet, 17 x 13, pap. scale about 1 000 ft. to 1 in.

NEWPORT NEWS & MISSISSIPPI VALLEY R. R. System of railway lines, railroad and steamship connections. Chic., 1897. sheet, 44 x 32, pap. no scale given.

NEWTON, MASS. Map. H. F. Walling. N. Y., 1865. scale about 1 000 ft. to 1 in.

NICARAGUA CANAL. Map and profile of the route for the construction of a ship canal from the Atlantic to the Pacific Ocean, across the isthmus in the State of Nicaragua, surveyed for the American, Atlantic and Pacific Ship Canal Co. W. Childs. N. Y., 1862. sheet, 86 x 114, 150o scale, map, 128 chains to 1 in. profiles horizontal, 500 chains to 1 in.; vertical, 45 ft. to 1 in.

United States Nicaragua Survey, Western Division, from Brito to mouth of Rio Lajas; also showing Rio del Medio line and the channel for tapping the Rio Grande; comp. from surveys 1872 and 1875 and additional survey of 1880. A. G. Menocal. no place, no date. scale, 1:10 000.

NÎMES, FRANCE. Plan de la Ville de Nîmes. Liotard & Liotard. no place, no date. sheet, 18 x 24, pap. scale, 1 cm. = 100 m.

NORFOLK, VA. Norfolk quadrangle; surveyed in 1898-99. U. S. Geological Survey. no place, 1898. sheet, 17 x 28, pap. scale, 1:100,000. contour intervals, 1 ft.
GEOGRAPHY—MAPS AND ATLASES.

Qf—(Continued).

211. NORTH AMERICA. American Continent: Topographical and railroad map of the United States, British possessions, West Indies, Mexico, and Central America. H. Roma, comp. N. Y., 1887. scale about 694 miles to 1 in.


7. — Karte des nördlichen tropischen America: A new map of tropical America north of the Equator, comprising the West Indies, Central America, Mexico, New Grenada and Venezuela. H. Kiespert, Ber., 1886. variable scale about 81 miles to 1 in.


66. NORTH BRIDGWATER, MASS. Map; surveyed by order of the Town. H. F. Walling and E. Whiting. Phil., 1858. scale, 1,000 ft. to 1 in.

98. NORTH CAROLINA. New map of the State of North Carolina, constructed from accurate and authentic public documents and private contributions. R. B. Brasier. Phil., 1888. scale about six miles to 1 in.

286. — Physiographical map of North Carolina; W. C. Kerr, State Geologist. no place, no date. sheet, 11 x 20, pap., scale about 26 miles to 1 in.


291. NORTH EDISTO RIVER, S. C. Preliminary sketch. U. S.-Coast Survey. no place, 1881. scale, 1:60,000.


460. NORTH SIMCOE RY. Map of the N. S. Ry. and its connections. Toronto, no date. sheet, 13 x 15, pap. scale, 10 miles to 1 in.

460. NORTHERN PACIFIC R. R. Map of the country tributary to the N. P. R. R.; compiled by the Canadian and American official surveys. E. H. Knight. Note: This is the famous “Banana Belt” map. no place, 1871. sheet, 40 x 50, pap. no scale given.

474. — Map of the N. P. R., its branches and allied lines. no place, no date. sheet, 50 x 12, pap. scale, about 30 miles to 1 in.

74. NORTHWEST TERRITORY. Map of part of the N. W. Territory, including the Province of Manitoba; showing an approximate classification of the lands. J. Johnston. Montreal, no date. scale about 50 miles to 1 in.

54. NORTON, MASS. Map; surveyed by order of the Town. H. F. Walling. Bost., 1885. scale, 80 rods to 1 in.


505. OCONOROWOC, WIS. Map of the lakes and drives around Oconomowoc. Chicago, Milwaukee & St. Paul Ry. Co. no place, no date. sheet, 10 x 20, pap., scale, 1 mile to 1 in.

408. OHIO. Map, H. F. Walling, N. Y., 1886. scale, 1:800,000.

408. — New map; exhibiting the sections, fractional sections, townships, cities, villages, post-offices, railroads, canals, turnpikes, and plank roads. E. Mendenhall & Co. Publ. Phil., 1883. sheet, 52 x 52, bds., scale about 1/4 mile to 1 in.

408. — Railroad and township map. N. Y., 1884. sheet, 85 x 58, b. p. scale about 12 miles to 1 in. Ag. & P. p. 357.


395. OHIO RIVER, between Mound City and Cairo. U. S.-Coast Survey. no place, 1894. scale about 1,980 to 1 in.

400. OIL CITY OIL FIELD. Contour map of the Oil City Oil Field, Fresno Co., Cal. California State Mining Bureau. no place, no date. sheet, 30 x 15, pap. scale, about 1,400 ft. to 1 in.

385. OKLAHOMA. Topographic atlas sheets of Oklahoma. U. S.-Geological Survey. no place, 1896. sheet, 17 x 15, pap. scale, 1:125,000. contour intervals, 100 ft.

408. OMAHA, NEB. Omaha and vicinity. U. S.-Geological Survey. no place, 1896. sheet, 27 x 15, pap. scale, 1:63,000. contour intervals, 30 ft.

315. ONTARIO. Government map of part of the Huron and Ottawa Territory, Ont. Canada-Department of Crown Lands. N. Y., 1873. scale, 1:816,000.

548 GEOGRAPHY—MAPS AND ATLASSES.

Qn—(Continued).

148 ONTONAGON HARBOR, MICH. Preliminary chart. U. S. Bureau of Topographical Engineers. (Survey of the Northern and North Western Lakes.) no place, 1859. scale, 1:10,000.

29 ORANGE COUNTY, VT. Map. H. F. Walling. N. Y., 1859. scale, 1: 50,000.

49 ORONDO. Indexed map, showing the railroads in the state. Rand, McNally & Co. Chicago, 1871. sheet 14 x 23, pap. no scale given.

44—Map of Oregon and Upper California, from the surveys of John Charles Frémont and others, drawn by Charles Preuss. Balt., 1846. sheet, 25 x 25, pap. scale, 1:8,000,000.


17 OXFORD COUNTY, ME. Map. H. F. Walling. N. Y., 1858. scale, 400 rods to 1 in.

179 OYSTER BAY, L. I. Oyster or Syosset Bay. U. S. Coast Survey. no place, 1857. scale, 1:90,000.


273 PANAMA. Carte de l'île de Panama dressée d'après les documents de Gérald Totten, Wagner, les cartes hydrographiques Anglaises et Françaises et les derniers travaux de Wyse et Bodkin, lieutenants de Vau, assistés de les Ingrs. Sosa, Lacharme, etc. Paris, 1875. scale, 1:800,000.

46—Map of the Isthmus of Panama representing the line of the railroad, reduced and comp. from the original survey by the Crown Surveyor, Jamaica. Panama R. R. Co. N. Y., 1877. sheet, 49 x 30, cl. scale, 8000 ft. to 1 in.

450—Projecto de ferro-carro. Georges de Polignac. Note: From David, Costa Rica, to the City of Panama. Paris, no date. sheet, 9 x 9, pap. scale, 1:12,000.

471 PANAMA CANAL. Canal de Panama: Projet adopté par le Comité International d'Etudes pour le Perçement de l'Isthme Amérique. no place, 1877. sheet, 11 x 9, pap. scale about 15 km. to 1 in.

472—Plan and geological profile. Otto Sibeth. no place, no date. sheet, 10 x 25, pap. no scale given.

481 PASQUOTTAU RIVER, N. C. U. S. Coast Survey. no place, 1860. scale, 1:80,000.

485 PEHIN BAY PARK. Map showing topographical survey of land to be taken for Pehin Bay Park. Oct., 1885. W. J. Haskins. no place, no date. sheet, 81 x 45, pap. 400 ft. to 1 in.

71 PENNSYLVANIA. Geographical maps of Schuylkill, Carbon, Berks and Dauphin Counties: Topographical map of the Blue Mountain at Port Clinton. Pennsy- lvania-Geological Survey. 1891. various scales. (See Yh-181.)

300—Map of the first and second anthracite coal fields. S. B. Fisher. Phil., 1886. sheets, 16 x 11, cl. scale, 200 perches to 1 in.

302—Map of the Wyoming anthracite coal fields. R. P. Bothwell. Wilkes-Barre, Pa., 1868. scale about 1000 ft. to 1 in.

304—New and reliable map of Pennsylvania, the "Keystone State": showing counties, townships, railroads and distances, stations, post-offices, etc. N. Y., 1890. no scale given.

308—New topographical atlas: with descriptions, historical, scientific, and statistical: together with a map of the United States and Territories. H. F. Walling and O. W. Gray. Phil., 1872. various pages, maps, 18 x 13, ¼ mor. various scales.

310—Report of the Secretary of Internal Affairs on the boundaries of the Common- wealth. 1857. (See Qe-92.)

310—Second geological survey: Grand atlasses. Contents: Div. 1, County geological maps. Div. 2, Anthracite coal fields. Div. 3, Petroleum and bituminous coal fields. Div. 4, South Mountain and Great Valley topographical maps. Div. 5, Central and South-eastern Pennsylvania. Note: Div. 1, Pt. 2; Div. 3, Pt. 2; Div. 4, Pt. 2; Div. 5, Pt. 3 wanting. (See Yh-125a.)


305—Topographical map. H. F. Walling. N. Y., 1862. scale, 1:800,000.

18 PENOBSCOT COUNTY, ME. Topographical map. H. F. Walling. N. Y., 1859. sheet, 14 miles to 1 in.

15 PERRY COUNTY, OHIO. Map. H. F. Walling. N. Y., 1859. scale, ¼ mile to 1 in.

65 PHILADELPHIA, PA. Topographical map, showing water mains and street grades. Water department. Phil., 1877. scale about ½ mile to 1 in.

451 PHILADELPHIA & READING R. Topographical plan and profile, with plates illustrating the bridges, stations, etc., on the line of the road. no place, 1865 (?). pl. 34 x 21, bela. various scales.
GEOGRAPHY—MAPS AND ATLASSES.

Qf.—(Continued).


287 — Carte géologique cotée du Département de la Seine représentant le gypse, le calcaire grossier et la craie. Deloese. Paris, 1880. 4 sheets. scale, 1:20,000.

288 — Carte géologique du Département de la Seine. Deloese. no place, 1885. 4 sheets. scale, 1:20,000.

289 SHEFFIELD ISLAND HARBOR, CONN. Harbors of Sheffield Island and Cawkin's Island. U. S.-Coast Survey. no place, 1842. scale, 1:80,000.

290 SHEFFIELD COUNTY, CANADA. Map of the Counties of Sheffield, Iberville, Brunswick, Mississippi, and Nottaw, Canada East. O. W. Gray. no place, 1884. scale about 1:16 miles to 1 in.

291 SHIP ISLAND HARBOR, MISS. Oat and Ship Island Harbors. U. S.-Coast Survey. no place, 1850. scale, 1:40,000.

292 SHOALWATER BAY, WASH. Preliminary chart. U. S.-Coast Survey. no place, 1855. scale, 1:80,000.

293 SOUDAN. Special large scale war map of the Soudan, extending to Khartum on the Red Sea, with enlarged plan of Khartum. George Phillip & Son. pub. Lond., 1885. 4 sheets. 36 x 23, pap. no scale given.

294 SOUTH AMERICA. Karte des Nördlichen tropischen Amerika: A new map of tropical America north of the Equator, comprising the West Indies, Central America, Mexico, New Granada and Venezuela. H. Kiepert. Berl., 1856. vari- able scale about 61 miles to 1 in.

410 — Map of the railways of South America and of the international trunk lines; comp. and drawn up under the patronage of the Ministry of Public Works of the Oriental Republic of Uruguay. J. J. Castro and Felix Elena. no place, 1888. scale, 9 x 55, pap. scale, 1:4 000,000.

300, 410 SOUTH CAROLINA. Topographic atlas sheets of South Carolina. U. S.-Geological Survey. Wash., 1885-90. 8 sheets, 17 x 16, pap. scale, 1:125,000. contour intervals, 50 and 100 ft.


314 SOUTHWESTERN HIGHLANDS, N. J. Topographical map of the Southwestern Highlands, with the southwest portion of Kittatinny valley; from original sur- veys and levellings based on the triangulation of the United States Coast and Geodetic Survey. New Jersey-Geological Survey. N. Y., 1859. scale, 1 mile to 1 in.

1 SPAIN. Mapa topográfico de España en escala de 1:80,000. Madrid, 1875. sheets, 37 x 54, bds.

304 ST. JOHN'S ISLAND, N. Y. Atlas. J. B. Beers & Co. N. Y., 1887. sheets, 17 x 14, %4 mor. various scales.

305 — Map. H. F. Walling. N. Y., 1889. scale, 80 rods to 1 in.

306 SULLIVAN COUNTY, N. H. Topographical map. H. F. Walling. N. Y., 1890. scale, 1:40,000.

113 SUPERIOR, LAKE. Chart No. 1. U. S.-Corps of Engineers. (Survey of the Northwest and North Western Lakes.) no place, 1876. scale, 1:400,000.

95 — Chart of Isle Royale, including northwest coast of Lake Superior. U. S.-Corps of Engineers. (Survey of the Northern and North Western Lakes.) no place, 1875 (1) scale, 1:180,000.

215 Plan of the part of the north shore of Lake Superior, showing Thunder and Black Bays, etc. Canada-Department of Crown Lands. Toronto, 1875. scale, 1 mile to 1 in.

190 — Preliminary chart of part of Lake Superior; comprising the data obtained up to the close of field operations in 1877. U. S.-Corps of Engineers. (Survey of the Northern and North Western Lakes.) Note: Map of the eastern part of Lake Superior, no place, 1886. scale, 1:400,000.

190 — Preliminary chart of part of Lake Superior; comprising the data obtained up to the close of field operations in 1877. U. S.-Corps of Engineers. (Survey of the Northern and North Western Lakes.) Note: Map of the western part of Lake Superior, no place, 1886. scale, 1:400,000.

95 — Preliminary chart of part of Lake Superior, comprising the data obtained up to the close of field operations in 1877. U. S.-Corps of Engineers. no place, 1876. scale, 1:400,000.

104 — Preliminary chart of the west end of Fond du Lac of Lake Superior, embracing Superior, St. Louis and Alluces Bays and the St. Louis River to the head of navigation. U. S.-Bureau of Topographical Engineers. (Survey of the Northern and North Western Lakes.) no place, 1888. scale, 1:20,000.

813 SUSSEX COUNTY, N. J. Topographical map of Kittatinny Valley and Mountain in Sussex County and the northern part of Warren. U. S.-Coast Survey. no place, 1885. scale, 1 mile to 1 in.
532 GEOGRAPHY—MAPS AND ATLASES.

Qf—(Continued).

488 SWEDEN. Railway map. C. P. Sandberg. Stockholm, 1898. sheet, 23 x 16, pap. scale about 31 miles to 1 in.

204 SYRACUSE, N. Y. City of Syracuse and Village of Geddes. H. W. Clarke. Syracuse, no date. scale, 1:300,000. to 1 in.

118 TARPAULIN COVE HARBOR, MASS. The Harbor of Holmes’ Hole and the Harbor of Tarpaullin Cove. U. S.-Coast Survey. no place, 1867. scale, 1:80,000.

41 TAUNTON, MASS. Map made by order of the City Government, under the direction of the Committee of the City Council. H. F. Walling and O. W. Gray. Bost., 1871. scale, 1:000 ft. to 1 in.

154 TAWAS HARBOR, MICH. Preliminary chart of Tawas Harbor, harbor of refuge, Lake Huron. U. S. Bureau of Topographical Engineers. no place, 1856. scale, 1:16,000.

277 TEHUANTEPEC ISTHMIUS. Map: embracing all the surveys of the engineering and special scientific parties and showing the proposed route of the Tehuantepec Ship Canal, its feeder and harbors. U. S.-Tehuantepec Expedition. no place, 1867. 19 sheets. scale, 1:300,000.

283—Map showing the surveys and profiles made for a railway across the Isthmus of Tehuantepec. Tehuantepec Hy. Co. N. Y., 1869. scale, 1:16,000 ft. to 1 in.

463—Maps illustrating the Isthmus of Tehuantepec. N. Y., 1868. 8 sheets, 11 x 16, cl. various scales.


397—Map of the States of Kansas and Texas and Indian Territory: with parts of the Territories of Colorado and New Mexico. U. S.-Corps of Engineers. ed. 9. no place, 1874. scale, 1:500,000.

400—Maps of the country between the frontiers of Arkansas and New Mexico, embracing the section explored in 1849, ’50, ’51, ’52. R. B. Marcy. N. Y., no date. 2 sheets, 16 x 22, 22 x 60, cl. scale about 30 miles to 1 in.


153 THUNDER BAY, LAKE HURON. U. S.-Bureau of Topographical Engineers. (Survey of the Northern and Western Lakes.) no place, 1858. scale, 1:40,000.

316 TIMOR ISLAND. Carta da Ilha de Timor. Portugal-Comissao de Cartographia, no place, 1893. scale, 1:750,000.

403 TINTIC MINING MAP, UTAH. U. S.-Geological Survey. no place, 1896. scale, 30 x 15, pap. scale, 1:96,000. contour intervals, 50 ft.

284 TOURS, FRANCE. Plan general de la Ville de Tours, et des environs. Tours, no date. no scale given.


586 UNITED STATES. Base, contour and relief maps. U. S.-Geological Survey. no place, 1896, and 1897. 6 sheets, 17 x 25, pap. scale, 111 miles to 1 in.

587—Cabinet’s atlas of American politics, 1789-1888: A series of colored maps and charts. F. W. Beers. 1888. (See Q-45.)


589—Enclosed map of the coast from New York Harbor to Boston. no place, no date. scale, 10 x 24, pap. scale about 12 miles to 1 in.

590—General chart of the coast from Hy Head to Cape Henlopen. U. S.-Coast Survey. 1852. scale, 1:400,000.


590—Great western railway guide: exhibiting all stations with distances from each other. D. B. Cooke & Co. Chic., 1855. sheet, 26 x 35, cl. no scale given.

591—Map of the Lake Shore & Michigan Southern Ry., and its connections: comp. from the latest sources and showing the true location of each road. Buffalo, 1873. no scale given.

134—Map of the 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. U. S.-Bureau of Topographical Engineers. N. Y., 1867. (7) scale, 1:1,000,000.

512—Map of the territory of the United States from the Mississippi to the Pacific Ocean: accompanying the reports of the explorations for a railroad route; comp. from authorized explorations and other reliable data, by O. K. Warren. U. S.-War Department. no place, 1867. scale, 1:800,000.
GEOGRAPHY—MAPS AND ATLASSES.

(Continued).

25. Map of the United States, Mexico, Central America, California, Oregon, New Mexico, Louisiana, etc., with the boundaries of the several states, railroads, canals, etc. H. S. Tanner. N. Y., no date. no scale given.


294. Map showing the location of works and surveys for river and harbor improvement; comp. for the index to the reports of the Chief of Engineers, under the direction of Henry M. Robert. U. S. Corps of Engineers. Wash., 1879. sheet 22 x 24. pap. various scales.


3. National map of the territory of the United States from the Mississippi River to the Pacific Ocean; made by the authority of the Secretary of the Interior at the office of the Indian Bureau, chiefly for Government purposes; comp. from authorized explorations of Pacific railroad routes, public surveys, and other reliable data from the departments of the Government at Washington, D. C. W. J. Keeler. Wash., 1867. scale, 20 miles to 1 in.

405. New and complete map of all the railroads in the United States and Canada in operation and progress. H. V. Poor. N. Y., 1887. sheet, 35 x 64. cl. scale, 2556 miles to 1 in.

43. New county and railroad map of the United States and of the Dominion of Canada. Hayden Watson. N. Y., 1878. scale about 26 miles to 1 in.

90. New railroad and distance map of the United States and Canada. Gaylord Watson. N. Y., 1889. scale about 36 miles to 1 in.


40. New topographical map of the whole Dominion of Canada, with a large section of the United States; comp. from the latest and most authentic sources, with additions and corrections to date of publication. John Johnston. Montreal, 1874. scale, 2715 miles to 1 in.

448. Railroad map of the New York Central lines, embracing in their through car lines, the New York Central & Hudson River, Michigan Central, Lake Shore & Michigan Southern C. C. & St. L. (Big Four), Boston & Albany, Pittsburg & Lake Erie, (Four Track Serv., No. 82.) no place, 1869. sheet, 45 x 19, pap. no scale given.

448. Reconnaissance and survey of a railway route from Mississippi River, near 89th parallel, north lat., to Pacific Ocean, 1868-94. U. S. War Department. N. Y., 1884(1) scale, 1: 600,000.

448. Reconnaissance of the western coast of the United States from Gray's Harbor to the entrance of Admiralty Inlet. U. S. Coast Survey. no place, 1868. scale, 1: 600,000.

188. Reconnaissance of the western coast of the United States from Monterey to the Columbia River; Sheets Nos. 1-8. U. S. Coast Survey. no place, 1881. 2 sheets. no scale given.

188. Statistical atlas, based upon results of the Eleventh Census; by Henry Gannett. U. S. 11th Census, 1890. (See Q-11.18.)

188. Statistical atlas; comp. by Francis A. Walker. U. S. 9th Census, 1870. 1874. (See Q-11.18.)

194. 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, 1862-66. U. S. Dept. of Engineers. no place, 1879(1) 4 sheets. scale, 1: 8 000,000.


554 GEOGRAPHY—MAPS AND ATLASES.

QF (Continued).

405 —Topographical and geological atlas of the district of the high plateaus of Utah. U. S. Geographical and Geological Surveys of the Rocky Mountain Region. N. Y., 1879. sheets, 52 x 83. paper, various scales.


354 VICTORIA, AUSTRALIA. Australia-Department of Lands and Surveys. no place. 1875. scale about 12 miles to 1 in.

840 —Map. Melbourne. 1875. sheet, 56 x 26. paper, scale about 16 miles to 1 in.


388 VIGGO COUNTY, I N D. Map. H. F. Walling. N. Y., 1866. scale, 1/4 mile to 1 in.


347 —Map of battle-grounds of Aug. 28th, 29th, and 30th, 1862, in the vicinity of Greveton, Prince William Co., Va.; made by the authority of the Secretary of War; surveyed in 1876. U. S. Corps of Engineers. no place. 1876. sheet, 30 x 25. paper, scale, 1/4 mile to 1 in.

327 —South-west Virginia and contiguous territory, mineral resources and railway facilities. C. R. Boyd. Wytheville, 1896. sheet, 50 x 28. paper, scale about 5 miles to 1 in.


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28.1 AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. Constitution, list of members, proceedings, committees and members for the twenty-seventh meeting to be held at St. Louis, Mo., Aug., 1878. Salem, 1878. 48 pp., 10 x 6, pap.


— Proceedings; sixth meeting. 1851. Wash., 1852. 1 v., pl., tab., 9 x 6, b, p. Md.-1, p. 751.


167.1 AMERICAN ASSOCIATION OF INVENTORS AND MANUFACTURERS. Proceedings and addresses: Celebration of the beginning of the second century of the American patent system, at Washington City, D. C, Apr. 9th, 10th, 11th, 1881. Wash., 1882. 3 v., 544 pp., 9 x 6, cl.

46.1 AMERICAN BOILER MANUFACTURERS' ASSOCIATION. Proceedings of the annual convention; 17th, 1886. St. Louis, 1866. 1 v., ill., 9 x 6, pap.

25.1 AMERICAN CHEMICAL SOCIETY. Journal; 1878-81 (v. 1-4). Note: v. 2, Nos. 4, 7 wanting. N. Y., 1878-83. 3 v., 9 x 6, unbound.

28.1 AMERICAN CRANBERRY GROWERS' ASSOCIATION. Proceedings of the annual convention; 16th-17th; 1885-86. Trenton, 1885-86. 2 v., 9 x 6, pap.

32.2 — Proceedings of the annual meeting; 1885-86. Trenton, 1885-86. 2 v., ill., 9 x 6, pap.

AMERICAN FINE ARTS SOCIETY. Annual report and list of members. 1886. (See Sa.3-40.)

125.2 AMERICAN GAS LIGHT ASSOCIATION. Address of Theobald Forbell, President, delivered at the eleventh annual meeting of the Association, held in New York City, Oct. 17th, 1886; no place, no date. 6 pp., 9 x 6, pap. no title-page.

32.1 — Officers and members; 1884. N. Y., 1884. 1 v., 10 x 8, pap.

32.3 — Report of the proceedings of the annual meeting; 5th-6th; 1877-78. N. Y., 1879. 2 v., in 1, ill., 9 x 6, cl.

28.1 AMERICAN GEOGRAPHICAL SOCIETY. Address (of the President) at the annual meeting; 1875. N. Y., 1875. 1 v., 9 x 6, pap.

28.2 — Bulletin; 1876-77, No. 5; 1877, No. 4; 1880, No. 4; 1881, No. 2; 1882, No. 2; 1888, Nos. 1, 2, 3, 4, 5; 1889, No. 1; 1890, Nos. 1, 2, 3, 4, wanting. 10 v., in 6 pl., maps, 9 x 6, unbound.

32.3 — Journal; Jan.-June, 1859 (v. 1, Nos. 1-6). no place, 1859. 1 v., pl., maps, 9 x 7, 1/2 skiv.

32.2 AMERICAN INSTITUTE OF ARCHITECTS. Constitution and by-laws; 1886, 78. no place, 1873-77. 2 v., 7 x 5, pap.

32.1 — Proceedings of the annual convention; 1st-5th; 1887-90. Note: Proceedings for 1889 contain the proceedings of the Western Association of Architects; Proceedings; 4th-10th, 25th-30th (1870-79, '91-92) wanting. N. Y., 1879-90. 24 v., in 21, 12 x 9, 10 x 7, cl., pap.

33.4 — Report of A. J. Bloor, Delegate of the New York Chapter, to the twenty-fifth annual convention of the Institute, held in Boston, Oct. 29th, 30th and 31st, 1881. N. Y., 1882. 22 pp., 9 x 4, pap.

33.2 — Souvenir of the 50th annual convention of the American Institute of Architects to be held at the American Fine Arts Building, New York, Oct. 15th, 16th, 17th, 1894. N. Y., 1894. 55 + 96 pp., ill., 11 x 8, pap.

AMERICAN INSTITUTE OF ARCHITECTS, BROOKLYN CHAPTER. Annual report and list of members. 1886. (See Sa.3-41.)

42.2 AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS. Historical sketch of its organization and work; catalogue of members and publications. Dec. 1st, 1891. N. Y., 1892. 45 pp., pl., maps, 7 x 5, cl.

43.2 — Rules. N. Y., 1884. 5 pp., 9 x 6, pap.

4.1 — Transactions; 1894-99 (v. 1-16). Note: Contains constitution and list of members. N. Y., 1894-99, 15 v. in 13, ill., por., pl., 9 x 6, 1/4 mor., cl.

3.5 AMERICAN INSTITUTE OF MINING ENGINEERS. Bulletin; No. 1. N. Y., 1869. 1 v., 9 x 6, pap.

3.3 — Guide to Baltimore, with an account of the geology of its environs. Note: Prepared for the use of the Institute at its Baltimore meeting, Feb., 1892. Bal., 1892. 11 x 18, pp., pl., maps, 7 x 5, cl.

3.4 — Iron district of Michigan. Note: Published by the Centennial Committee. Phil., 1876. 5 pp., 9 x 6, pap. no title-page.


3.1 — Transactions; 1871-98 (v. 1-28). N. Y., 1878-98, 28 v., ill., pl., 9 x 6, 1/4 mor.


84.1 AMERICAN IRON AND STEEL ASSOCIATION. Annual statistical report; containing complete statistics of the iron and steel and related industries of the
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Society Publications—North America.

United States. United States: also, a brief review of their present condition; also, statistics of the iron and steel industries of foreign countries. 1867-96. Note: Report, 1867-70, 72-73 wanting. Phil., 1898-97. 5 v., 9 x 6, pap.


84.10 — Causes of our national prosperity. Phila., 1879 (? ) 7 pp., 9 x 6, pap.

84.11 — Duty on steel rails: Authentic statistics which end all controversy. (Tariff Tract No. 5, 1880.) Phil., 1900 (?) 4 pp., 9 x 6, pap. no title-page.

84.12 — Hold the fort: A collection of fresh facts and arguments in support of the policy of protection to home industry. Phil., no date. 30 pp., 9 x 6, pap. no title-page.

84.13 — Metal schedule of the tariff act of 1890. compared with the old tariff law: with index. Phil., 1890. 20 pp., 9 x 6, pap.

84.14 — Mr. Wood's tariff bill: A good bill for England; favorable comments by the English press: respectfully submitted to the serious attention of the American Congress. no place, no date. 3 pp., 9 x 6, pap. no title-page.

84.15 — Our foreign commerce since 1861. (Tariff Tract No. 5, 1880.) Phil., 1880 (?) 4 pp., 9 x 6, pap. no title-page.

84.16 — Question of tariff revision: A letter in reply to a circular letter dated July 17th, 1885, from Daniel Manning, Secretary of the Treasury; with an appendix. Phil., 1885. 43 pp., 9 x 6, pap.

84.17 — The revival: Reasons for the belief that national prosperity is returning; extracts from the speech of President Hayes at St. Paul, Sept. 5th, 1876, etc. Phil., no date. 29 pp., 9 x 6, pap. no title-page.

84.18 — Who are benefited by protection? An editorial article in the Bulletin of the American Iron and Steel Association, Aug. 11th, 1885. (Tariff Tract No. 4, 1880.) Phil., 1880 (?) 4 pp., 9 x 6, pap. no title-page.


105.1 AMERICAN METRIC BUREAU. Membership. Note: Duties and privileges of members. no place, no date. unpaged, 8 x 4, pap. no title-page.

106.1 AMERICAN METROLOGICAL SOCIETY. Bulletin: 1874, 79, NY., 1874-78. 2 v., 9 x 6, pap.

106.2 — Memorial: praying for the passage of an act permitting and requiring the use of the metric denominations of weights and measures in the custom-houses of the United States. no place, no date. 1 p., 14 x 8, pap. no title-page.

107.2 AMERICAN PAPER AND PULP ASSOCIATION. Constitution, officers, committees, members, historical sketch; 1897-98. NY., 1898. 1 v., 9 x 6, cl.

107.3 — Report of proceedings at the meeting; 21st: 1886. no place, 1886. 1 v., 9 x 6, cl.

108.1 AMERICAN PHILOSOPHICAL SOCIETY. Proceedings; 1878-June, 79 (v. 18-14, 15). Phil., 1878-79. 3 v., ll., pl., 9 x 6, unbound.

108.2 — Transactions; 1878 (new ser. v. 18-13). Phil., 1883. 1 v., 12 x 10, pap.

108.3 — American PIG IRON MANUFACTURERS' ASSOCIATION. Annual convention; 1872, Phil., 1872. 1 v., 9 x 6, pap.

108.4 — Proceedings and statistics: June, 1872, Feb., 1873, Phil., 1872-73, 2 v., 9 x 6, pap.


109.3 — Public health: Reports and papers presented at the meetings of the Association; 1870-97. Note: v. 15 (1876) wanting. NY., 1870-94. 15 v., ll., 9 x 6, cl.

109.4 AMERICAN RAILWAY ASSOCIATION. Proceedings; Apr. 14th, 1886-Oct. 16th, 24 (v. 1-3). Note: Appendix to v. 1 contains proceedings of the General Time Convention (1872-80) and the Southern Railway Time Convention (1877-95). NY., no date. 2 v., 11 x 8, ig mor.


152.1 AMERICAN SOCIAL SCIENCE ASSOCIATION. Journal of social science: containing the transactions of the American Association; 1868-73 (Nos. 1-6). NY., 1868-70. 5 v., 9 x 6, pap.


271.1 AMERICAN SOCIETY FOR THE PREVENTION OF CRUELTY TO Annual report; 33d-34th: 1886-99. NY., 1899-1900. 5 v., ll., 9 x 6, gm
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UNITED STATES—Continued.

1.8 AMERICAN SOCIETY OF CIVIL ENGINEERS. Address of the President at the annual convention; 1890. N. Y., 1890. 1 v., 9 x 6, ¾ mor.

1.9 —Address of W. J. McAlpine on assuming the chair after his election as President of the Society, Sept. 21, 1891. no place, 1891. 11 pp., 8 x 5, b. p. De-445, p. 1.

1.10 —American Society of Civil Engineers and its future: A paper, portions of which were read Apr. 25th, 1897. W. M. Roberts. no place, 1897. 31 pp., 10 x 6, no title-page. manuscript.

1.11 —Bulletin; Nos. 1-69; Apr., 1892-Dec., '96. Note: No. 55 wanting. no place, 1892-96. 69 v., 9 x 6, pap.

1.12 —Colorado: Some answers to questions likely to be asked by the members of the American Society of Civil Engineers during their visit to Denver, on the occasion of their annual convention, July 20, 1896. Denver Society of Civil Engineers. Denver, 1896. 139 pp., pl., maps, 9 x 6, pap.

1.13 —Constitution and list of members; 1897. Note: Subsequent to 1897, the Constitution and list of members is bound with the Proceedings of the Society. N. Y., 1897. 1 v., 9 x 6, cl.

1.14 —Documents in reference to the general adoption of the twenty-four hour notation on the railways of America; submitted at the annual meeting of the Society, New York, Jan. 16th, 1897. Ottawa, 1897. 49 pp., 8 x 5, pap.

1.15 —Historical sketch of the American Society of Civil Engineers. Cha. Warren Hunt. N. Y., 1897. 92 + 6 pp., por., pl., 9 x 6, mor.

1.16 —Index to the library; Pt. I, Railroads. N. Y., 1891. 188 pp., 9 x 6, pap.


1.18 —Proceedings (monthly except June and July); Nov., 1873-Dec., '99 (v. 1-25). N. Y., 1873-99. 25 v. in 16, 9 x 6, ¾ mor.

1.19 —Proceedings and papers of the fourth annual convention of the Society held in Chicago, June 5th and 6th, 1872. N. Y., 1872. 169 pp., pl., 9 x 6, cl.

1.20 —Transactions; 1886-June, 1900 (v. 1-48). N. Y., 1873-99. 48 v. in 44, II, 9 x 6, ¾ mor.

1.21 —Same; Index: v. 1-34. N. Y., 1890-96. 3 v., 9 x 6, ¼ mor.

28.1 AMERICAN SOCIETY OF IRRIGATION ENGINEERS. Annual; 1892-98. Denver, 1894. 3 v., II, 9 x 6, pap.

28.2 —Quarterly; Jan., Apr., 1895 (v. 2, Nos. 1-6). Denver, 1893-95. 1 v., II, 9 x 6, unbound.

28.3 —Transactions; Jan., 1897 (v. 2, No. 3). Denver, 1897. 1 v., II, 9 x 6, unbound.


2.2 —President's address; 1898. N. Y., 1898. 1 v., 9 x 6, pap.

2.3 —Transactions; 1898-1900 (v. 1-10). N. Y., 1898-1900. 10 v., pl., tab., 9 x 6, ¾ mor.


153.1 AMERICAN TRAIN DISPATCHERS' ASSOCIATION. Proceedings of the annual meeting; 1st ed; 1894-95. Buffalo, 1894-95. 2 v., 8 x 6, pap.

6.3 AMERICAN WATER-WORKS ASSOCIATION. Constitution and by-laws, together with proceedings of first annual session held at St. Louis, Mo., Mar. 29th, 30th and 31st, 1881. Hannibal, 1881. 40 pp., 8 x 3, pap.

6.4 Impending dangers to health and life from abuse of water in North America: Abstract of a report by a Committee appointed by the Association to memorialize the President and Congress for laws protecting public sources of water supply pure for the people. no place, 1899. 15 pp., 9 x 6, pap.


6.6 —Souvenir of the convention of the Association at Philadelphia, Apr. 14th-27th, 1901. no place, no date. pl., 5 x 7, cl.

66.1 ANTHRACITE COAL OPERATORS' ASSOCIATION. Association letter; Sept., 1897 Dec., '98. N. Y., 1897-98. 3 v., 10 x 6, unbound.


50.1 ARKANSAS SOCIETY OF ENGINEERS, ARCHITECTS AND SURVEYORS. Proceedings; 1901-03 (v. 1-3). Little Rock, 1901-1903.

80.1 ART SOCIETIES OF NEW YORK. Year book; 1898-99. N. Y., 1898. 1 v., II, 10 x 7, cl.

7.1 ASSOCIATION OF CIVIL ENGINEERS OF CORNELL UNIVERSITY. Transactions; 1903-1900 (v. 1-8). Ithaca, 1903-1900. 8 v., II, 9 x 6, pap.
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3A 3 UNITED STATES—(Continued).


ASSOCIATION OF COUNTY SURVEYORS AND CIVIL ENGINEERS OF THE State of Ohio. See Ohio Society of Surveyors and Civil Engineers.

5.1 ASSOCIATION OF ENGINEERING SOCIETIES. Journal (monthly); 1891-98 (v. 1-41); Phil., 1891-98. 23 v., II., 9 x 6, 16 mos.

27.1 ASSOCIATION OF ENGINEERS OF VIRGINIA. Transactions; July, 1891-Mar., '96 (No. 1). Rosnoke, 1893. 1 v., II., 9 x 6, 6 pap.

45.2 ASSOCIATION OF RAILWAY SUPERINTENDENTS OF BRIDGES AND BUILDING. Constitution and by-laws, and directory of officers. Concord, 1886. 15 pp., 6 x 4, 6 pap.

45.3 — Directory of members. no place, 1885. 7 pp., 9 x 6, pap. no title-page.

45.4 — Proceedings of the annual convention; 85th-86th; 1895-96. Concord, 1895-96. 7 v., II., 9 x 6, pap.

54.1 BOSTON SOCIETY OF CIVIL ENGINEERS. Annual address of the President; 1889. no place, 1889. 1 v., 9 x 6, 6 pap.

54.2 — By-laws. Newton, 1975. 9 pp., 6 x 4, pap.


54.4 — Historical address: by Desmond Fitzgerald; read before the Society at the celebration of its semi-centennial, Nov. 11th, 1898. no place, 1898. 19 pp., 9 x 6, pap.


54.6 — Metric system of weights and measures: Report of a committee of the Society, Note: A committee appointed for the purpose of interesting other organizations in the adoption of the metric system. no place, 1875 (17) 1 pp., 9 x 6, 6 pap.

54.7 — Proceedings; Sept., 1896-June, '81. Boston, 1881. 1 v., II., 9 x 6, unbound.

54.8 — Report of the Committee on the Metric System of Weights and Measures; and accompanying letter, presented at the annual meeting, Mar. 18th, 1876. no place, 1876. 11 pp., II., 10 x 6, pap. no title-page.

61.1 BROOKLYN ENGINEERS’ CLUB. Proceedings, constitution and by-laws, with list of members; 1877. Brooklyn, 1877. 1 v., II., 9 x 5, cl.

154.1 BROTHERHOOD OF LOCOMOTIVE ENGINEERS. Minutes of the grand international convention at their annual session; 1896. Rochester, 1896. 1 v., 9 x 6, 6 pap.

158.1 CALIFORNIA ACADEMY OF SCIENCES. Bulletins; 1854-67 (v. 1-4), San Francisco, 1854-67. 2 v., 9 x 6, unbound.

158.2 — Memoirs; 1866 (v. 2, Nos. 1-2). San Francisco, 1866. 1 v., 12 x 10, unbound.

158.3 — Occasional papers; 1860-99 (v. 1-6). San Francisco, 1860-99. 6 v., 10 x 6, pap.

158.4 — Proceedings; 1878-96 (ser. 1, v. 5-7; ser. 2, v. 1-5). Note: v. 7, Pt. 2 wanting. San Francisco, 1878-96. 12 v., in 9, II., 10 x 7, pap.


181.1 CHICAGO CITIZENS’ ASSOCIATION. Constitution, by laws and list of members; 1892. 30, '96, Cleveland, 1892-96. 9 v., 7 x 4, cl., pap.


191.4 — Proceedings of the Civil Engineers Convention. no place, 1895. 8 pp., 9 x 6, pap.

91.1 — Report of the Main Drainage Committee; 1890, '95. Chic., 1890-95. 2 v., 9 x 6, 6 pap.

CIVIL ENGINEERS’ CLUB OF THE NORTHWEST. See Western Society of Engineers.

161.1 COLORADO SCIENTIFIC SOCIETY. Artisan wells of Denver: A report by a special committee of the Society. Denver, 1894. 44 pp., 9 x 6, pap.


129.2 DENVER SOCIETY OF CIVIL ENGINEERS. List of members, constitution and by-laws; and President’s annual address: 1902, '98. no place, 1892-98. 3 v., 8 x 5, pap.

191.1 — Transactions; 1892-94 (v. 1-4). Denver, 1892-94. 4 v. in 8, II., 9 x 6, pap.

191.1 DETROIT ENGINEERING SOCIETY. Constitution, by-laws and list of members; no place, 1901. 1 v., 9 x 2, ro.
SOCIETY PUBLICATIONS—NORTH AMERICA.

Society Proceedings:

107.1 DEUTSCH-AMERIKANISCHER TECHNIKER-VERBAND. Jahresbericht Statuten und Mitgliederliste; 1883-95. N. Y., 1895-99. 2 v., 9 x 6, pap.


41.2 ENGINEERING SOCIETY OF COLUMBIA UNIVERSITY. Transactions; 1898-99. N. Y., 1891-95. 3 v., il., 10 x 7, cl.

95.1 ENGINEERS AND ARCHITECTS CLUB OF LOUISVILLE. Selected papers: 1892-96. 1 v., 8 x 5, pap.

184.2 ENGINEERS AND SURVEYORS OF THE STATE OF PENNSYLVANIA. Proceedings of the convention; 1890. Phil., 1881. 1 v., 9 x 6, pap.

185.3 ENGINEERS’ CLUB OF CINCINNATI. Address of the President at the annual meeting; 1888-99. Cinc., 1886-99. 3 v., 9 x 6, pap.

157.2 — Secretary’s report; 1896-99. no place, 1896-99. 4 v., 9 x 6, pap. no title-page.

185.6 ENGINEERS’ CLUB OF KANSAS CITY. List of members; 1887-90. Kansas City, 1897-90. 4 v., 8 x 5, pap.

9.3 ENGINEERS’ CLUB OF PHILADELPHIA. Directory, constitution and by-laws; containing officers, committees, members’ names and addresses, etc.; 1896-1900. Note: 1896 wanting. Phil., 1896-1900. 5 v., 5 x 3, ro.

9.2 — Objects of interest to engineers and others, in and about Philadelphia. Phil., 1896. 100 pp., maps, 7 x 4, cl.

9.1 — Proceedings (quarterly); 1879-96 (v. 1-15). Phil., 1890-96. 15 v., il., 9 x 6, w. mor.


48.6 ENGINEERS’ CLUB OF ST. LOUIS. Annual address, by the retiring President; 1898. no place, 1898. 1 v., 9 x 6, pap.

43.2 Bulletin: Annual reports of officers and committees, addresses at the annual dinner, constitution, by-laws, list of officers and members, and programme; 1879, ’80, ’96-97. St. Louis, 1879-97. 5 v., 9 x 7, 6 x 4, pap.

45.8 — Local engineering data for St. Louis. St. Louis, 1898. 50 pp., tab., 7 x 5, cl.

47.7 — Proposed change of plan in the execution of all river and harbor improvements: The organization of a civil bureau of harbor and waterways: arguments on the Cullom-Breckenridge bill. St. Louis, 1898. 19 pp., 9 x 6, pap.

43.1 — Transactions; Mar., 1914. 74, no place, 1914-74. 8 v., il., 9 x 6, pap. no title-page.

47.1 ENGINEERS’ SOCIETY OF WESTERN NEW YORK. Transactions; 1895-96 (v. 1, Nos. 1-6). Note: No. 3 wanting. Buffalo, 1895-96. 1 v., il., 9 x 6, unbound.

102.2 ENGINEERS’ SOCIETY OF WESTERN PENNSYLVANIA. Charter, by-laws and list of members; 1894-96. Pittsburgh, 1894-96. 2 v., 9 x 6, pap.

10.4 — Final report of Committee on Roads, with draft of proposed road act. Pitts- burg, 1891. 30 pp., 9 x 6, pap.

10.3 Index to the library; prepared by the Librarian under direction of the Committee on Library, 1882-83. Pittsburgh. 1883. 74 pp., 9 x 6, pap.


10.5 — Report of the Committee on Natural Gas. no place, 1894. 8 pp., 831-839, 10 x 7, pap. no title-page.

70.2 FIELD COLUMBIA MUSEUM. Annual report of the Director to the Board of Trustees; Sept., 1894-99. (Report Ser.) Chic., 1895-99. 5 v., il., 9 x 6, pap.

70.1 — Historical and descriptive account of the Museum. (Pub. i, v. 1, No. 1.) Chic., 1893-94. 90 pp., il., pl., 9 x 6, pap.

FINE ARTS FEDERATION OF NEW YORK. See New York Fine Arts Federation.

11.7 FRANKLIN INSTITUTE. Competitive tests of dynamo-electric machines: Report of a special committee, appointed by the President of the Franklin Institute. Phil., 1897. 90 pp., 9 x 6, pap.

11.4 — General report of the Chairman of the Committee on Exhibitions. (International Electrical Exhibition, 1893.) Phil., 1893. 54 pp., 6 pl., 9 x 6, pap.

11.2 — Annual report of the Franklin Institute, including the Franklin Journal, for the one hundred and twenty volumes from 1836 to 1885; arranged according to subjects and authors. Phil., 1890. 416 pp., 9 x 6, 84 sh.
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Sa3 UNITED STATES—(Continued).

146.4 MASTER CAR BUILDERS' ASSOCIATION. Circular of inquiry from the Secretary, with reference to the gauge of track, location of guard rails, etc. N. Y., 1884. 4 pp., ill., 11 x 8, pap.

146.5 — Report of the proceedings of an adjourned meeting, held Oct. 10th, 11th and 12th, 1882. N. Y., 1882. 111 + 4 pp., pl., 8 1/2 x 5 1/2, pap.

146.6 — Report of the proceedings of the annual convention; 1st-9th, 11th-34th; 1877-75, 77-1000. N. Y., 1877-1000. 38 v. in 35, 6 x 4, pap.

MASTER CAR-BUILDERS' CLUB. See New York Railroad Club.

79.1 MECHANICS' INSTITUTE, SAN FRANCISCO, CAL. Report of the Industrial exhibition; 11th-18th; 1876-87. Note: Nos. 14-17 (1876-78) wanting. San Fran., 1876-87. 4 v., ill., 9 x 6, pap.


51.1 MICHIGAN ENGINEERING SOCIETY. Michigan Engineers' Annual, containing the proceedings of the Society; 1882-86. Kalamazoo, 1882-86. 14 v., 9 x 6, pap.

129.1 MICHIGAN SCHOOLMASTERS' CLUB. Proceedings at the meeting; 2nd-34th; 1886-1900. Ann Arbor, 1886-1900. 3 v., 10 x 7, pap.

139.2 — Proceedings at the thirty-second meeting: Report of the Physics Conference. Ann Arbor, 1889. 54 pp., ill., tab., 10 x 7, pap.

13.1 MILITARY SERVICE INSTITUTION OF THE UNITED STATES. Journal (bi-monthly); 1800-May, 1900 (v. 1-98). Note: Published quarterly prior to 1889. v. 1, No. 1; v. 4. No. 16 wanting. Governor's Island, 1800-94. 38 v., 9 x 6, unbound.

13.2 — Official memoranda; 1889-94. Note: Contains annual report of the Executive Council and list of members. Governor's Island, 1889-94. 2 v., 8 x 6, pap.

97.1 MISSOURI ASSOCIATION OF SURVEYORS AND CIVIL ENGINEERS. Proceedings at the annual meeting; 5th-40th; 1888-1900. Columbus, 1888-1900. 8 v., ill., 9 x 6, pap.

135.3 MONTANA SOCIETY OF ENGINEERS. Constitution and by-laws; 1887, '91, '97. Helena, 1887-'97. 3 v., 8 x 5, pap.

135.4 — List of members: 1889, '96. Helena, 1889-96. 2 v., 9 x 6, pap.

135.5 — Proceedings of the annual meeting; 1889, '90, 1890. no place, 1890. 1 v., ill., 9 x 6, pap.

135.6 — The standing of engineering among the professions, by J. S. Keerl, retiring president. no place, 1896. 4 pp., 9 x 6, pap.

MUNICIPAL ART SOCIETY OF NEW YORK. See New York Municipal Art Society.

NATIONAL ACADEMY OF DESIGN. Annual report and list of members. 1890. (See Natl. Acad., 1890-91.)

31.1 NATIONAL ACADEMY OF SCIENCES. Biographical memoirs; v. 3. Wash., 1885. 1 v., 10 x 6, pap.

31.2 — Memoirs; v. 1-5. Wash., 1866-98. 6 v. in 8, 12 x 10, pap., cl.

31.3 — Proceedings; 1884-94 (v. 1, Pt. 3). Wash., 1865. 1 v., 9 x 6, pap.

82.2 NATIONAL ASSOCIATION OF BAR IRON MANUFACTURERS. Argument of the Association against any reduction of present duties on iron; read before the Senate Committee on Finance. Phil., 1872. 10 pp., 9 x 6, pap.

82.1 — Quarterly report; 1st Jan., 1872. Phil., 1872. 1 v., 9 x 6, pap.


77.1 NATIONAL ASSOCIATION OF FIRE ENGINEERS. Proceedings of the annual convention; 17th; 1890. Cm., 1890. 1 v., 9 x 6, pap.

National Association of Inventors. Congressional supplement of the Register; or, Journal of the National Association of Inventors, Jan., 1847. Note: Memorial to Congress praying a change in the patent laws. no place, 1847. 8 pp., pl., 12 x 9, b. p. no title-page. 38-55. p. 825.

151.1 NATIONAL ASSOCIATION OF MANUFACTURERS. Report of a special committee on the metric system of weights and measures. Boot., 1889, newspaper slip.

61.1 NATIONAL BRICK MANUFACTURERS' ASSOCIATION OF THE UNITED States of America. Report of the Commission appointed to investigate the subject of paving brick tests and to recommend standard methods for their construction. Indianapolis, 1897. 110 pp., ill., 9 x 6, pap.

190.1 NATIONAL CIVIL SERVICE REFORM LEAGUE. Civil service reform in the national service; 1899-1901; Six reports of the Special Investigating Committee. Boot., 1891. 86 pp., 9 x 5, pap.
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UNITED STATES—(Continued).

64.1 NATIONAL CONFERENCE OF CHARITIES AND CORRECTION. Proceedings at the annual meeting, 9th-20th, 264-291, N. Y., 1888. 8 v., II, 9 x 6, cl.

185.2 NATIONAL INSTITUTE OF LETTERS, ARTS AND SCIENCES. Constitution: 1855. N. Y., 1868. 1 v., 9 x 6, pap.

185.3 NATIONAL JUNIOR SCIENCE AND MATHEMATICS. Constitution: 1855. N. Y., 1874. 1 v., 9 x 6, pap.

185.4 NATIONAL SCIENCE CLUB. Annual report and list of members. 1859.

185.5 NATIONAL SOCIETY OF MURAL PAINTERS. Annual report and list of members. 1860. (See Sa23-30.1.)

185.6 NEBRASKA ASSOCIATION OF ENGINEERS AND SURVEYORS. Proceedings at the annual meeting; 1st-5th: 1884-96. Omaha, 1885-96. 3 v. in 2, II, 9 x 6, pap.


185.8 NEW ENGLAND COTTON MANUFACTURERS' ASSOCIATION. Constitution, by-laws and list of members; 1868. Waltham, 1868. 1 v., 10 x 7, pap.

185.9 NEW ENGLAND BLEACHING, DYEING, & BLEACHED COTTON MANUFACTURERS' ASSOCIATION. Constitution, by-laws and list of members; 1870. Providence, 1870. 1 v., II, 9 x 6, pap.


185.11 NEW ENGLAND WATER-WORKS ASSOCIATION. Eighteenth annual convention. Note: Souvenir of the Convention held at Syracuse. Syracuse, 1860. Wanting, ill., por., 9 x 9, pap.


185.12 NEW YORK ARCHITECTURAL LEAGUE. Officers, committees, members, constitution and by-laws; 1891-92. Note: For Annual report and list of members, 1890, see Sa23-30.1. N. Y., 1892. 1 v., 8 x 5, bds.

75.1 NEW YORK SOCIETY FOR IMPROVING THE CONDITION OF THE POOR. Annual report: 38th: 1879. N. Y., 1879. 1 v., II, 9 x 6, pap.

101.1 NEW YORK HISTORICAL SOCIETY. Charter and by-laws. N. Y., 1881. 1 v., 9 x 6, unbound.

101.2 NEW YORK LABOR UNION. List of periodicals currently received by the New York and Brooklyn libraries. ed. at Columbia College Library. N. Y., 1857. 84 pp., 10 x 7, cl.

115.1 NEW YORK MATHMETICAL SOCIETY. Constitution: by-laws and list of members; 1851. N. Y., 1871. 1 v., 9 x 5, pap.

185.13 NEW YORK MUNICIPAL ART SOCIETY. Annual report and list of members. 1890. (See Sa23-30.1.)


94.1 NEW YORK SOCIETY OF AMATEUR PHOTOGRAPHERS. Proceedings (monthly): Apr.-Sept., 1898. N. Y., 1898. 1 v., 10 x 6, unbound.

117.1 NEW YORK SOCIETY OF PRACTICAL ENGINEERING. Constitution and by-laws. N. Y., 1901. 2 v., 6 x 4, cl.

370  SOCIETY PUBLICATIONS—NORTH AMERICA.

SA3 UNITED STATES—(Continued).

981 NEW YORK STATE INSTITUTION OF CIVIL ENGINEERS. Transactions; 1949 (v. 1, No. 4). Albany, 1949. 1 v., ii., 14 x 9, pap.


991 NEW YORK STATE RAILWAY COMMISSION. Proceedings; 1870-71 (No. 1); 1871-72 (No. 2); 1872-73 (Nos. 1-2); 1873-74 (Nos. 3-4). N.Y., 1871-74. 9 v., in 4, 9 x 6, cl., pap.

995 NORTHWEST RAILWAY CLUB. Official proceedings; Oct., 1886-Jan., 1900 (v. 2). No. 4, 5, No. 5. Note: v. 2, Nos. 7-10, Jan.-Apr., 1897; v. 3, No. 5 (Feb., 1898); v. 5, No. 4 (Dec., 1900) wanting. St. Paul, 1896-1900. 4 v., ii., 9 x 6, unbound.

996 OHIO INSTITUTE OF MINING ENGINEERS. Ohio Mining Journal (quarterly); 1892-93 (v. 1, 2). Note: Since 1893 publication has been irregular; no volume 4 published. v. 5, No. 4 (Aug., 1897) wanting. Columbus, 1892-93. 5 v., 9 x 6, unbound.

997 OHIO SOCIETY OF SURVEYORS AND CIVIL ENGINEERS. Annual report; being the transactions of the society at its annual meeting; 1st-21st. Columbus, 1892-1900. Note: Reports Nos. 15-20 (1897-99) wanting. Columbus, 1898-1900. 16 v., ii., 9 x 6, pap.

1002 Charter; constitution and by-laws; with a list of members, together with their place of residence and occupation. Columbus, 1894. 1 v., 9 x 6, pap.

1004 OHIO RAILROAD CLUB. Official proceedings; Jan., 1888-Oct., 1900 (v. 2, No. 4, 5, No. 5). Note: v. 2, Nos. 7-10, Jan.-Apr., 1897; v. 3, No. 5 (Feb., 1898); v. 5, No. 4 (Dec., 1900) wanting. St. Paul, 1896-1900. 4 v., ii., 9 x 6, unbound.

1006 PENNSYLVANIA HISTORICAL SOCIETY. Annual report; being the transactions of the society at its annual meeting; 1st-21st. Philadelphia, 1892-1900. Note: No. 1 (1892) wanting. Philadelphia, 1892-1900. 16 v., ii., 9 x 6, pap.


1009 PHILADELPHIA MUSEUMS. Prospectus. no place, 1888. 16 pp., 9 x 6, pap.

1010 Prospectus; by Gustavo Niederlecht. Philadelphia, 1888. 16 pp., 9 x 6, pap.


1012 PI ETA SCIENTIFIC SOCIETY. RENSSELAER POLYTECHNIC INSTITUTE. See Rensselaer Society of Engineers.

1013 PIONEER LAWMAKERS' ASSOCIATION OF IOWA. Proceedings; 1889, '90. Des Moines, 1887-90. 2 v., 9 x 6, pap.

1015 POLYTECHNIC SOCIETY OF UTAH. Constitution, by-laws and list of members. Salt Lake City, 1890. 2 v., 9 x 6, pap.

1016 PURDUE SOCIETY OF CIVIL ENGINEERING. Proceedings; 1897. Lafayette, 1897. 1 v., ii., 9 x 6, pap.

1018 RAILROAD CONDUCTORS' LIFE INSURANCE ASSOCIATION OF the United States and Canada. Proceedings at the international convention; 9th, 10th, 11th; 1875, 76. Columbia, 1875-76. 3 v., 8 x 4, pap.

1021 RAILWAY ASSOCIATION OF AMERICA. Journal; May-Oct., 1874 (No. 1-8). St. Louis, 1874. 8 v., 9 x 6, pap.

1024 — Memorandum on a proposed railway clearing house for the United States and Canada. St. Louis, 1874. 4 pp., 9 x 6, pap.

1027 — Revised constitution, June, 1874. no place, no date. 8 pp., 14 x 8, pap. no title-page.

1028 — Transactions at the meeting; 3d, 4th, 1875, 78, 79, St. Louis, 1875-79. 2 v., 9 x 6, pap.


1030 — List of members. Troy, 1892. 1 v., 9 x 6, pap.

1035 — Papers read before the Society; 1875, 76, 80-81, 82. Troy, 1875-82. 3 v., ii., 9 x 6, pap.

1036 — Selected papers; 1894-95 (v. 1; v. 2, Nos. 1-3). Troy, 1894-95. 2 v., ii., 9 x 6, unbound.


1070 ST. LOUIS ACADEMY OF SCIENCE. Constitution, by-laws and list of members. St. Louis, 1907. 1 v., 9 x 6, pap.


1073 — Transactions; Jan., 1898 (v. 8, No. 1). no place, 1898. 1 v., ii., 10 x 6, pap.

1091 ST. LOUIS RAILWAY CLUB. Official proceedings; Nov., 1879-Oct., 1900 (v. 2, No. 4, 5). Note: v. 2, Nos. 7-10, Jan.-Apr., 1897; v. 3, No. 9 (Feb., 1899) wanting. St. Louis, 1879-99. 3 v., 9 x 6, unbound.

1093 SCIENCE ASSOCIATION OF NEW YORK. Constitution, by-laws and list of members. N.Y., 1889. 1 v., 6 x 3, pap.
SOCIETY PUBLICATIONS—NORTH AMERICA.

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19.1 UNITED STATES—(Continued).

19.1 SCIENTIFIC ALLIANCE OF NEW YORK. Addresses delivered at the joint meet-

ing; 1882. N. Y., 1882. 1 v., 9 x 6, pap.

19.1 UNIVERSITY OF AMERICAN ARTISTS. Annual report and list of members. 1899.

(See Sa3-30.1.)

19.1 SOCIETY OF ARTS, MASSACHUSETTS INSTITUTE OF TECHNOLOGY. Ab-

tract of the proceedings; 1879-91. Note: Proceedings, 1885-86, 88-84 wanting. Bost., 1880-91. 10 v., 11, 9 x 6, pap.

19.1 SOCIETY OF ENGINEERS AND ASSOCIATES. Constitution and by-laws; 1874-

75. N. Y., 1874-75. 1 v., 6 x 4, cl.

19.1 SOCIETY OF ENGINEERS IN THE UNIVERSITY OF MINNESOTA. Year book; 1898-99. Minneapolis, 1898. 1 v., 11, 10 x 7, pap.

19.1 SOCIETY OF GAS LIGHTING. Transactions; 1877-78. Newport, 1878-84. 2 v., 9 x 6, pap.

19.1 SOCIETY OF NAVAL ARCHITECTS AND MARINE ENGINEERS. Constitution and by-laws and list of members. N. Y., 1897-1904. 4 v., 9 x 6, 5 x 4, pap., skiv.


19.1 SOCIETY OF RIVER AND HARBOR ENGINEERS. Constitution and by-laws. No place, no date. 11 pp., 8 x 5, pap. No title-page.

19.1 SOUTHERN AND SOUTHWESTERN RAILWAY CLUB. Constitution and pro-


19.1 SOUTHERN RAILWAY TIME CONVENTION. See American Railway Association.


19.1 —Proceedings: Annual reports, with professional papers; 1885-86 (v. 3). Jackson-

ville, 1885-86. 1 v., 8 x 6, 34 mor.

SOCIETY PUBLICATIONS—NORTH AMERICA.

Sa3 UNITED STATES—(Continued).

g.1 TECHNISHER VEREIN VON NEW YORK. Jahresbericht: 1880-81. N. Y., 1882. 7 v., 9 x 6, pap.

63. TRAVELING ENGINEERS' ASSOCIATION. Proceedings of the annual convention: 5th; 1897. Elkhart, 1897. 1 v., II, 9 x 6, pap.

63.2 UNITED STATES—NATIONAL MUSEUM. Bulletin; Nos. 1-8, 8, 39-45, 45. Wash., 1870-95. 12 v., 2, 9 x 6, 10 x 6, pap.


63.4 ———Special bulletin; No. 1. Wash., 1892. 1 v., pl., 13 x 10, pap.

64. UNITED STATES NAVAL INSTITUTE. Proceedings (quarterly); 1880-99 (v. 6-25). Annapolis, 1880-99. 20 v., II, 9 x 6, unbound.

64.1 UNITED STATES TRADE MARK ASSOCIATION. Bulletin; Sept., 1898 (v. 5, No. 9). N. Y., 1888. 1 v., 9 x 6, pap.

65.1 WASHINGTON ASSOCIATION OF ENGINEERS AND ARCHITECTS. Constitution; 1874. no place; no date. 1 v., 9 x 6, pap.

65.2 WEST VIRGINIA SOCIETY OF CIVIL ENGINEERS AND ARCHITECTS. Constitution; no place, 1885. 1 v., II, 8 x 5, pap.

65.3 ———Proceedings of the annual meeting; 1881. Wheeling, 1886. 1 v., 9 x 6, pap.

65.4 ———Proceedings at a meeting held in St. Louis, Jan. 16th, 1872. Note: Association organized at this meeting. Springfield, 1872. 17 pp., 8 x 5, pap.

65.5 ———Proceedings of the quarterly meeting; Apr., 1873. Indianapolis, 1872. 1 v., 9 x 6, pap.

66. WESTERN ASSOCIATION OF ARCHITECTS. Proceedings; 1889. (See American Institute of Architects.)

67.1 WESTERN NEW YORK CAR SERVICE ASSOCIATION. Annual report: 1906-1899. no place, 1899. 1 v., 9 x 5, pap.

67.2 WESTERN RAILROAD ASSOCIATION. Annual report of the Executive Committee to the members; 1872-70. Chic., 1872-77. 7 v., 9 x 6, pap.


67.4 WESTERN SOCIETY OF ENGINEERS. Constitution, by-laws and list of members; 1890-96. 9 v., 9 x 6, 96-1900. Note: Formerly called Civil Engineers' Club of the Northwest. Chic., 1895-96. 6 v., 9 x 6, pap.

68.1 ———Proceedings; 1893, '94-95, '96 (v. 1, 2-5, 19). Note: v. 19, No. 319 wanting. Chic., 1892-94. 5 v., II, 9 x 6, cl.

69.1 WISCONSIN ACADEMY OF SCIENCES, ARTS AND LETTERS. Transactions: 1873-75, '84-'85 (v. 2, 3, 8). Madison, 1873-75. 9 v., por., pl., maps, 10 x 6, pap.

SOCIETY PUBLICATIONS—SOUTH AMERICA.

Sb1 ARGENTINE REPUBLIC.

1.1 SOCIEDAD CIENTIFICA ARGENTINA. Anales (monthly); 1876-90 (v. 1-48). Note: v. 1, Nos. 1-4 (Jan.-June, 1876); v. 6, Nos. 3, 6 (Sept., Dec., 1879); v. 9, Nos. 2, 3 (Feb., June, '80); v. 15, Nos. 3-5 (Apr., May, '86); v. 36, No. 1 (July, '95) wanting. Buenos Aires, 1876-90. 18 v., 10 x 6, unbound.

3.1 SOCIEDAD DE INGENIEROS CIVILES DE LA REPUBLICA ARGENTINA. Estatutos. Buenos Aires, 1877. 1 v., 10 x 6, pap.

Sb2 CHILE.

1.1 INSTITUTO DE INGENIEROS. Anales (monthly); 1889-June, 1900 (v. 1-17). Note: Publication irregular. v. 4, Nos. 1-6 (Oct.-Dec., 1892); v. 5, No. 1 (Jan., '89) wanting. Santiago de Chile, 1889-1900. 17 v., II, 11 x 7, unbound.

2.1 Estatutos. Santiago de Chile, 1900. 1 v., 10 x 7, pap.

Sb3 VENEZUELA.

1.1 SOCIEDAD VENEZOLANA DE INGENIEROS CIVILES. Ofrenda al Gran Mariscal de Ayacucho en su centenario. Caracas, 1905. 115 pp., pl., 9 x 6, pap.
SOCIETY PUBLICATIONS—CENTRAL AMERICA.

Sc
1.1 SOCIEDAD GUATEMALTECA DE CIENCIAS. Revista mensual; Sept.-Nov., 1928, June, '94 (v. 1, No. 12; v. 2, Nos. 1-3, 4-6). Guatemala, 1894-1944. 8 v., 10 x 7, unbound.

SOCIETY PUBLICATIONS—EUROPE.

Sd1 AUSTRIA.
1.5 OESTERREICHISCHER INGENIEUR-UND ARCHITEKTEN- VEREIN. Bericht des Gewebe-Ausschusses. Wien, 1865, 1 + 131 pp., 27 pl., 14 x 11, pap.
1.2 — Bericht über die aus Anlass des fünfzigjährigen Bestandes des Oester. Ingenieur-und Architekten-Vereines veranstalteten Festlichkeiten. Wien, 1890. 52 + 51 pp., ill., tab., 14 x 10, pap.
1.1 — Festvorschrift herausgegeben vom Vereine zur Feier seines fünfzigjährigen Bestandes. Wien, 1899 (?). 154 pp., ill., 14 x 10, pap.
— Nachtrag zum Verzeichnis der Mitglieder. Wien, 1974, 12 pp., 9 x 6, b. p. Ch. 2a, p. 695.
1.8 — Schreiben an Dampfkeuseln. Wien, 1901-96. 3 v., pl., 12 x 9, pap.
1.7 — Wochenschrift (weekly): 1878-91 (v. 1-16). Note: Coased publication at the close of 1891; from which date the Zeitschrift was published weekly, combining the functions of the two magazines. Wien, 1892-91, 10 v., 13 x 10, unbound.
1.6 — Zeitschrift (weekly): 1878-99 (v. 25-51). Note: Published monthly prior to 1892, before which date the weekly publication of the Society was the Wochenschrift, v. 30, 36, 43, 47 (1878, 78, '91, '95) incomplete. Wien, 1878-99. 25 v., 14 x 11, unbound.
9.3 — Satzungen. Wien, 1888. 1 v., 9 x 6, pap.

Sd2 BELGIUM.
9.1 SOCIETÉ BELGE DES INGÉNIEURS ET DES ININDUSTRIELS. Bulletin, annales et compte rendu; 1846-96 (v. 3, No. 1). Bruxelles, 1856. 1 v., ill., 10 x 6, pap.
9.2 — Liste des membres; 1866-99-1900. Bruxelles, 1897-1900. 3 v., 9 x 6, pap.

Sd3 DENMARK.
1.1 TEKNISKE FORENING. Tidsskrift (monthly); July, 1891-Mar., 1900 (v. 15-25). København, 1891-1900. 9 v., 12 x 10, unbound.

Sd4 FRANCE.
5.1 INTIME CLUB, PARIS. Croquis d'architecture (monthly); 1860-Apr., '70 (v. 1-4). Paris, 1867-70. 4 v., ill. x, 21 x 21, 1/4 ro.
5.4 —Congrès de 1899. Paris, 1897. 131 pp., 2 pl., 9 x 6, pap.
4.1 —Mémoires et compte rendus des travaux de la Société; 1868-90. Paris, 1868-90. 18 v., 4 x, in 16, 10 x 6, ci.
Society Publications—Europe.

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SgD Germany.


13.1 Architektenverein zu Berlin. Berlin und seine Bauten. Berlin, 1877. 2 v. in 1, ill., pl., 11 x 7, pap.


5.2 — Statuten; 1871. Ber., 1872. 1 v., 8 x 5, pap.


2.2 — Organ für die Fortschritte des Eisenbahnbewesens in technischer Beziehung; ed. by Edmund Heusinger von Waldegg; 1892-97th year; new ser., v. 1-8, 11-11, Wiesbaden, 1894-71. 11 v. in 10, 12 x 9, bds, 8° mör.

2.3 — Same. Sach- und Autoren-Registre; 1894-78. Wiesbaden, 1878. 84 pp., 12 x 10, pap.


3.2 — Verzeichnisse der Mitglieder; 1870, 91, 94, 1900. Ber., 1870-1900. 4 v., 18 x 10, 7 x, pap.


19.2 — Verhandlungen: 1866-86. Ber., 1866-86. 8 v., 8 x 5, pap.

4.1 Verein für Erdkunde. Jahresberichte; 8th-9th, 11th-15th: 1870 72, 73-78. Dresden, 1872-78. 7 v. in 6, 8 x 5, pap.


11.1 Vereinigung Leipziger Architekten und Ingenieure. Leipzig und seine Bauten; zur X. Wanderversammlung des Verbandes deutscher Architekten- und Ingenieur-Vereine in Leipzig vom 28 bis 31 August, 1892. Leipzig, 1892. 16 + 6 pp., il., map, 10 x 7, cl.

SOCIET Y PUBLICATIONS—EUROPE.

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SỘ GREAT BRITAIN.

21.1 AERONAUTICAL SOCIETY OF GREAT BRITAIN. Annual report; 1st-48th; 1886.

25.3 BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. Report of the meeting; 1st-60th; 1831-60. Note: Reports Nos. 27, 28, 32-33, 37, 40-44, 44-46, 51 (1836), 58, 61-62, 97, 70-74, 74-76, 81 (1839) wanting. Lond., 1830-60. 5 v. in 56, 9 x 6, $4 sh. cl.

2.3 Toronto meeting, 1897: Preliminary programme. Toronto, 1896. 69 pp., il.

22.1 BRITISH IRON TRADE ASSOCIATION. Annual statistical report of the Secretary to the members, on the home and foreign iron and steel industries; 6th, 1884. Lond., 1885. 1 v., 9 x 6, pap.

25.1 CORPS OF ROYAL ENGINEERS. Papers on subjects connected with the duties of the Corps: v. 1-10. Lond., 1838-40. 10 v., 11 x 8, sh.

30.1 DECIMAL ASSOCIATION. Copy of the memorial to the School Board for London, to promote a decimal deputation June 9th, 1850. Lond., no date, unpagd., 13 x 8, pap.

38.1 GAS INSTITUTE. List of subscriptions, etc.; 1881. no place, 1881. 1 v., 8 x 6, pap.


39.3 Organization, rules, etc. Lond., 1885. 64 pp., il., 10 x 6, pap.

9.1 INSTITUTE OF MARINE ENGINEERS. Transactions; 1889-99 (v. 1-10). Stratford, 1899-99. 10 v., 11, pl., 8 x 5, $4 cf.

189.1 INSTITUTION OF CIVIL ENGINEERS. Address of Charles Blacker Vignoles on his election as President of the Institution. Lond., 1870. 59 pp., tab., 10 x 7, pap.

189.2 Address of Thomas Hawkins on his election as President. Lond., 1872. 84 pp., b. p. Cs-283, p. 949.

189.6 Report of the proceedings at the annual general meeting; 1874, 1876, 1879, no place, 1872-79. 2 v., 8 x 5, pap.

190.1 Catalogue of the library. Lond., 1886. 8 x 787 pp., 9 x 6, cl.


190.6 Minutes of proceedings, with other selected and abstracted papers; 1877-1900 (v. 1-111). Lond., 1887-1900. 141 v., 9 x 6, cl.


190.12 Practical applications of electricity: A series of lectures delivered at the Institution; Session 1888-89. Lond., 1889. 188 pp., 9 x 6, cl.

190.13 Report of proceedings at the annual general meeting; 1881-97. Lond., 1898, 1899. 10 v., 8 x 6, pap.

190.14 Report of the Committee appointed on the 1st Mar., 1886, to consider and report to the Council upon the subject of the definition of a standard or standards of thermal efficiency for steam engines. Lond., 1886. 37 pp., 5 x 8, 5 x 6, 5 x 5, 5 x 4, 5 x 3, cl.

190.15 Theory and practice of hydro-mechanics: A series of lectures delivered at the Institution; Session 1901-02. Lond., 1902. 204 pp., 6 pl., 9 x 6, cl.

190.16 Transactions; v. 1-3. Lond., 1860-62. 3 v. in 7, il., tab., 1 x 9, $4 cf. cl.

INSTITUTION OF CIVIL ENGINEERS OF IRELAND. An address on Dec. 7th, 1867; by the President, John Purser (reprint). Dublin, 1867. 47 pp., 8 x 5, b. p. Kf-29, p. 73.

5.9 Bye-laws and regulations. Dublin, 1874. 1 v., 9 x 6, pap.

5.10 List of members. Dublin, 1877-78. 2 v., 5 x 5, pap.


5.4 Royal charter of incorporation. no place, 1877. 8 pp., 9 x 6, pap.

SOCIETY PUBLICATIONS—EUROPE.

576 GREAT BRITAIN—(Continued).

7.1 INSTITUTION OF ENGINEERS AND SHIPBUILDERS IN SCOTLAND. Transactions. 1895-99. 4 v., ill., 12 maps, 9 x 6, cl.

11.2 INSTITUTION OF JUNIOR ENGINEERS. Programme, list of members, rules, and report of session; 9th-11th, 1889-92. Lond., 1889-92. 3 v., 9 x 5, pap.

11.1 — Record of transactions; 1891-96 (v. 2-9). Lond., 1891-99. 8 v., ill., pl., 9 x 6, cl.

17.4 INSTITUTION OF MECHANICAL ENGINEERS. Belfast meeting, 1896: Detailed programme. no place, 1896. 12 pp., ill., 5 maps, 9 x 4, pap.

17.2 — Library catalogue, May, 1891, June, 1897, and subject index of papers in the Proceedings, 1877-87. Lond., no date. various pagination, 9 x 6, 4° mor.

17.3 — List of members; 1873, 1876, 1900. no place, 1873-1900. 8 v., 9 x 6, pap.


29.3 INSTITUTION OF MINING ENGINEERS. Historical sketch of the first Institution of Mining Engineers: A paper read Feb. 220, 1850. B. H. Brough. Lond., 1850. 10 pp., 9 x 6, cl.

15.1 INSTITUTION OF NAVAL ARCHITECTS. Transactions; 1895 (v. 38). Lond., 1895. 1 v., 11 x 8, cl.

6.3 IRON AND STEEL INSTITUTE. Catalogue of the library. 1884. Lond., 1884. 1 v., 9 x 6, cl.

6.5 — Detailed programme of meeting; 1886, ‘90. Glasgow, 1886-90. 3 v., 8 x 5, pap.


6.4 — Rules and list of members; 1894-1900. Lond., 1894-1900. 7 v., 9 x 6, pap.

6.2 — Special volume of "Proceedings." Note: Relates to the visit of the Iron and Steel Institute to the United States in 1890. Lond., no date. 50 + 506 pp., ill., pl., maps, tab., 9 x 6, cl.

4.2 LIVERPOOL ENGINEERING SOCIETY. Report and statement of accounts; 1890-92 (Sew. 17-19). no place, 1890-92. 3 v., 8 x 5, pap.


31.1 MANCHESTER STEAM USERS' ASSOCIATION. Annual report of the Committee of Management to the members of the Association; 1899, 71-72. Manchester, 1899, 70-72. 3 v., 9 x 6, pap.

31.3 — Chief Engineer's monthly report to the Executive Committee; Jan., 1898-June, 76 (Nos. 23-174). Note: Nos. 55, 106, 125, 140-145, 150, 154, 155-173 wanting. Manchester, 1898-76. 48 v. in 17, 9 x 6, 4° ro., pap.

31.2 — Memorandum by the Chief Engineer; 1898-1900. Manchester, 1898-1900. 3 v., 9 x 6, pap.

30.1 MIDLAND INSTITUTE OF MINING, CIVIL AND MECHANICAL ENGINEERS. Transactions; 1876-99 (v. 6-15). Barnsley, 1876-99. 10 v., 9 x 6, pap.

3.2 MINING INSTITUTE OF SCOTLAND. Rules, list of members; 1890, '92, '94, '96-98.


29.1 NATIONAL RIFLE ASSOCIATION. Proceedings; 1873. Lond., 1873. 1 v., 9 x 6, cl.

8.5 NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS. Account of the strata of Northumberland and Durham as proved by borings and sinkings. Note: A. B. L's wanting. Newcastle-upon-Tyne, 1891-97. 4 v., 10 x 6, pap.

8.2 — Annual report of the Council, accounts, list of Council officers and members, and the charter and bye-laws; together with the bye-laws of the Federated Institution of Mining Engineers; 1890-99. Note: Report, 1890 wanting. Newcastle-upon-Tyne, 1891-99. 8 v., 10 x 6, pap.


10.1 NORTHEAST COAST INSTITUTE OF ENGINEERS AND SHIPBUILDERS. Transactions; 1885-90 (v. 1-15). Lond., 1884-99. 6 v., 10 x 6, 4° mor.


22.1 ROYAL SOCIETY OF LONDON FOR THE ADVANCEMENT OF NATURAL KNOWLEDGE. Philosophical transactions and collections; 1700-1750 (v. 1-10). Lond., 1731-56. 10 v. in 12, 10 x 7, cf.

12.4 ROYAL UNITED SERVICE INSTITUTION. Brief history. Bouhey Burgess. Lond., 1887. 37 pp., ill., 9 x 6, pap.
SOCIETY PUBLICATIONS—EUROPE.

Sd6 GREAT BRITAIN—(Continued).

12.8 —Bye-laws. no place, 1892. 1 v., 9 x 6, pap.


12.4 —Report on the application of science and art to street-paving and street-cleansing of the Metropolis. Lond., 1875. 35 pp., ll., 10 x 6, pap. no title-page.

12.4 —Report of artisans selected by a committee appointed by the Council of the Society to visit the Paris Universal Exhibition, 1867. Lond., 1867. 3 v., in 1, 9 x 6

12.5 SOCIETY OF ENGINEERS. Rules, bye-laws and list of members, etc.; 1877-'86-'87. Lond., 1877-87. 3 v., 8 x 5, pap.


Sd8 ITALY.

1.1 COLLEGGI DEGLI ARCHITETTI ED INGEGNERI IN FIRENZE. Atti; July, 1876—July, '77; Apr.—Aug., '78; Jan.—June, '94; Jan.—June, '96; v. 1; v. 2, Pt. 1: v. 2, Pt. 2; v. 10, Pt. 1: v. 20, Pt. 1: v. 21). Firenze, 1876-96. 6 v., ll., 10 x 7, unbound.

3.1 COLLEGGI DEGLI INGEGNERI E DEGLI ARCHITETTI IN PALERMO. Atti; 1887-90, '92-'94 (v. 10-13, 15-17). Note: v. 11, No. 1; v. 12, Nos. 2-5; v. 14; v. 15, Nos. 1-3; v. 16, No. 1 wanting. Palermo, 1887-94. 6 v., 11 x 8, unbound.

3.2 SOCIETÀ DEGLI INGEGNERI E DEGLI ARCHITETTI ITALIANI. Annali (bi-monthly); 1953-59 (v. 7-14). Note: v. 13, Nos. 3, 6; v. 14, No. 6 (May-June, Nov.-Dec., 1883-90; Nov.-Dec., '90) wanting. Roma, 1892-96. 8 v., ll., 11 x 7, unbound.

3.3 —Cataloga della biblioteca, 1906. Roma, 1906. 8 + 140 pp., 10 x 7, pap.

Sd9 NETHERLANDS.

2.4 KONINKLIJK INSTITUUT VAN INGENIEURS. Gedenkboek uitgegeven ter gelegenheid van het vijftigjarig bestaan. Note: A collection of papers by members of the Institute on various engineering works. no place, 1877. 577 pp., ll., pl., 18 x 11, cl.

2.4 —Geschiedenis der koninklijke ingenieurs-instituut voor Nederlandsch-Indië, 1847-1897. La Haye, 1898. 213 pp., 14 x 11, 14 cl.

2.5 —Reglement en verordeningen. Te's-Gravenhage, 1871. 1 v., 9 x 6, pap.

2.6 —Reperoire ed cartes; 1866, 96, '96, '98. La Haye, 1866-98. 4 v., 11 x 7, unbound.

2.6 —Tijdsschrift; 1870-99. Note: Contains each year a general report of the work of the instituut with a list of members; 1896-99 incomplete. Te's-Gravenhage, 1870-99. 25 v., 18 x 10, unbound.

2.6a —Sane; Register. 1869-94. Te's-Gravenhage, 1884-94. 3 v., 1 x 10, pap.

2.6 —Vakfaskoeling voor werkzigtigen scheepsbouw: Jaarverslag; 1898-1900. no place, no date. 1 v., 10 x 7, pap.

1.1 NEDERLANDSCHE VERENIYING VOOR ELECTROTECHNIEK. Notulen; 1886-99 (Nos. 1, 5-4, 8-9). Te's-Gravenhage, 1886-99. 5 v. in 2, 9 x 6, pap.

Sd10 NORWAY.

1.1 NORSKE INGENIØR- OG ARKITEKT-FORENING OG DEN POLYTEKNISKE Forening. Medlemsfortegnelse; 1894, V7. Christiania, 1894-97. 2 v., 10 x 6, 9 x 6, pap.

Sd11 PORTUGAL.

1.3 ASSOCIAÇÃO DOS INGENHEIROS CIVIS PORTUGUESES. Lista dos socios. Lisboa, 1892. 1 v., 9 x 6, pap.

1.4 —Relação dos socios efectivos e agregados; Apr., 1899. Lisboa, 1899. 1 v., 9 x 6, pap.


Sd13 RUSSIA.

1.1 TECHNISCHER VEREIN ZU RIGA. Notizblatt; 1890-94 (v. 11-13). Riga, 1890-94. 3 v., 10 x 9, unbound.
SOCIETY PUBLICATIONS—EUROPE.

Sd14 SPAIN.


Sd15 SWEDEN.

2.1 INGENIÖRS-FÖRENINGENS. Förhandlingar; 1875-30 (v. 11-25). Note: v. 18 (1886) incomplete. Stockholm, 1875-30. 15 v., 11 x 9, unbound.

1.1 SVENSKA TEKNOLOF-FÖRENINGEN. Förteckning ofver ledamöter; 1888-1900. Stockholm, 1888-1900. 8 v., 8 x 5, pap.

Sd16 SWITZERLAND.

1.1 INTERNATIONALER VERBAND FÜR DIE MATERIAL PRÜFUNGEN DER Baubetriebe und Mitglieder-Verzeichnis. Zurich, 1887. 1 v., 9 x 6, pap.

2.1 SCHWEIZERISCHER INGENIEUR- UND ARCHITEKTEN VEREIN. Bauwerke der Schweiz; v. 1-8. Zurich, 1880-1900. 8 v., pl., 19 x 14, pap.

SOCIETY PUBLICATIONS—ASIA.

Se

3.1 COMMITTEE OF LOCOMOTIVE AND CARRIAGE SUPERINTENDENTS FOR INDIA. General and subsidiary rules, corrected up to 1st Jan., 1894. no place. 1894. 26 pp., 14 x 9, pap.

3.2 —General directory and railway list, corrected up to 1st Jan.; 1882, 94-96. Simla, 1882-96. 4 v., 14 x 9, pap.

3.3 —Proceedings; 1885-86 (v. 1-6). Simla, 1885-96. 6 v., 14 x 9, 84 ro.

3.3a —Same; Index; v. 1-6. Simla, 1884-95. 8 v., 14 x 9, 84 ro.

3.5 —Proceedings of the meeting held at Lucknow in Dec., 1889. Note: Meeting to discuss the organization of such a committee in India. no place, no date. unpagged. 14 x 9, pap. no title-page.

3.6 —Reprint of the proceedings; 1889-98 (v. 1-4). Simla, 1894. 211 pp., 14 x 9, pap.

2.3 KÔGAKUKYÔKAI. Address delivered before the members of Kôgaku-kôkai, Frb., 1880, on engineering matters in Japan. J. A. L. Waddell. Tokyo, 1880. 21 pp., 8 x 5, pap.

1.2 SEISMOLOGICAL SOCIETY OF JAPAN. Constitution. no place, 1883. 1 v., 9 x 6, pap. no title-page.

1.1 —Transactions; 1892-94 (v. 4-17, 19). Note: v. 8 (1896) wanting. Yokohama, 1892-94. 14 v., lin 17, il., pl., 9 x 6, pap.

SOCIETY PUBLICATIONS—AFRICA.

Sf

1.1 SOUTH AFRICAN ASSOCIATION OF ENGINEERS AND ARCHITECTS. Proceedings; 1882-96 (v. 1-5). Note: v. 4 (1895-96) wanting. Johannesburg, 1882-96. 4 v., 9 x 6, pap.

SOCIETY PUBLICATIONS—AUSTRALIA.

Sg

5.2 AUSTRALASIAN INSTITUTE OF MINING ENGINEERS. Proceedings; Annual meeting; 1898, 1900. Melbourne, 1898-1900. 2 v., 9 x 6, pap.


5.1 —Transactions; 1897-99 (v. 4-6). Melbourne, 1897-1900. 3 v., ill., pl., 9 x 6, pap.

2.1 ENGINEERING ASSOCIATION OF NEW SOUTH WALES. Minutes of proceedings; also, act of incorporation, rules and by-laws, and list of members; 1888-95 (v. 1-10). Sydney, 1895-96. 10 v., il., 9 x 6, cl.

3.2 INSTITUTION OF SURVEYORS, NEW SOUTH WALES. List of surveyors licensed to practice in New South Wales. Sydney, 1899. 16 pp., 7 x 5, pap.


1.1 ROYAL SOCIETY OF NEW SOUTH WALES. Journal and proceedings; 1875-99 (v. 10-33). Sydney, 1877-1900. 24 v., il., pl., 9 x 6, cl.

4.2 VICTORIAN INSTITUTE OF SURVEYORS. Intercolonial conference of surveyors: Report and proceedings, 1892. Melbourne, 1892. 26 pp., 12 x 8, pap.

4.1 —Proceedings and transactions; 1886-91 (v. 3). Melbourne, 1891. 1 v., ill., pl., 9 x 6, cl.
PERIODICALS.

PERIODICALS—NORTH AMERICA.

Ta2 MEXICO.
1 ANALES DEL MINISTERIO DE FOMENTO DE LA REPÚBLICA MEXICANA (monthly); 1872-40 (v. 1-4). Note: Since 1879 issued yearly. México, 1877-91. 4 v., ll., 9 x 6, unbound.
3 EL ARTE Y LA CIENCIA (monthly); 1899 (v. 1). Méjico, 1899. 1 v., ll., 14 x 10, unbound.
9 EL MINERO MEXICANO (weekly); 1876-79. 91-92 (v. 5-6, 8-9). Note: v. 5, 8, 9 (1878, 81, 86) incomplete. México, 1876-83. 4 v., 18 x 8, unbound.

Ta3 UNITED STATES.
6 AMERICAN ARCHITECT AND BUILDING NEWS (weekly); 1876-June, '99 (v. 1-64). Note: v. 9 (Jan.-June, 1876) incomplete. Boston, 1876-98. 54 v. in 43, ll., pl., 18 x 9, 14 mor.
108 AMERICAN CHEMIST (monthly); July, 1870-Dec., '72. Aug., '75 to Mar., '77 (v. 3-4, 7). Note: Each volume incomplete. N. Y., 1872-77. 8 v., 14 x 10, unbound.
18 AMERICAN ENGINEER (weekly); 1880-82 (v. 1-23). Note: Prior to 1882 published monthly. ceased publication 1890. 18 v. (1864) incomplete. Chic., 1890-94. 28 v., 14 x 11, unbound.
58 AMERICAN ENGINEER AND RAILROAD JOURNAL (weekly); 1882-87, '97-'99 (v. 1-42, 61-79). Note: Established in 1882 as American Railroad Journal and Advocate of Internal Improvements; name changed in 1886 to Railroad and Mechanical Magazine; in 1846 to Railroad Journal and General Advertiser; in 1846 to Railroad Journal and Iron Manufacturers and Mining Gazette; in 1887 consolidated with Van Nostrand's Engineering Magazine, under the title Railroad and Engineering Journal; Jan., 1898 name changed to American Engineer and Railroad Journal; Jan., 1899 consolidated with National Car and Locomotive Builder, with title American Engineer, Car Builder and Railroad Journal; Jan., 1899 present title resumed. 7 v. 7-15 is v. 1-9 of new ser. (1895-95); v. 16-19 is v. 1-9 of 3d. ser. (1893-94); v. 19-40 is v. 1-35 of 4d. quart. ser. N. Y., 1887-99. 53 v. in 51, 9 x 6, 18 x 11, 18 x 8, unbound.
58 AMERICAN GAS LIGHT JOURNAL (weekly); 1872-June, 1900 (v. 1-79). Note: v. 17-19, 29-35 (1872, 76, July-Dec., '72, '76) incomplete; v. 20, 28 (Jan.-June, 1874, July-Dec., '76) wanting. N. Y., 1872-1900. 54 v., 18 x 10, unbound.
110 AMERICAN MACHINIST (weekly); Dec., 1877-78 (v. 1-6). Note: v. 1-2 (1877-78) incomplete. N. Y., 1877-82. 8 v., ll., 18 x 11, unbound.
60 AMERICAN MANUFACTURER AND IRON WORLD (weekly); 1876-June, 1900 (v. 12-79). Note: v. 12, 13, 14, 15, 16, 17, 18 complete; v. 14, 15-20, 25, 26 wanting. Pittsburgh, 1876-1900. 17 v., 18 x 11, 17 x 13, unbound.
27 ANNALS OF HYGIENE (monthly); July, 1869-May, '97 (v. 1, No. 7-8, No. 5). Phil., 1869-97. 2 v., 10 x 8, unbound.
51 ANNALS OF SCIENCE (bi-monthly); being a record of the inventions and improvements in applied science; conducted by Hamilton A. Smith; v. 1, Cleve- land, 1862-68. 1 v., ll., 10 x 6, 14 sh.
10 APPLETON'S MECHANICS' MAGAZINE AND ENGINEERS' JOURNAL (monthly); 1851-55 (v. 1-8). N. Y., 1852-54. 8 v., ll., 9 x 6, 12 x 9, 54 sh.
ARCHITECTS' AND BUILDERS' MAGAZINE. See Architecture and Building.
580 PERIODICALS—NORTH AMERICA.

Ta3 UNITED STATES—(Continued).

119 ARCHITECTURAL REVIEW (8 Nos. per year): 1891-94 (v. 1-3). Note: Formerly published by the Massachusetts Institute of Technology under the title Technology Architectural Review, which see. v. 3 (1894) incomplete. Best, 1891-94. 3 v., 14 x 11, unbound.

71 ARCHITECTURE AND BUILDING (weekly): 1890-Aug. '96 (v. 18-31). Note: Since Aug. 5th, 1899 incorporated with the Builders' Magazine and published monthly under the title Architects' and Builders' Magazine. N. Y., 1890-96. 30 v., 14 x 22, unbound.


59 BUILDING (weekly): 1889-90 (v. 4-11). N. Y., 1889-90. 8 v., 14 x 9, unbound.

100 BUILDING ADVERTISER (monthly): 1899 (v. 1). Note: Incomplete. San Fran., 1899. 1 v., 18 x 10, unbound.


39 CITY GOVERNMENT (monthly): 1890-99 (v. 4-7). Note: v. 5 (July-Dec., 1898) incomplete. N. Y., 1890-99. 4 v., 12 x 9, unbound.

17 CITY RECORD (daily): 1874-June, '77, 1884-86 (v. 4-5, Pt. 2; v. 12-14). Note: v. 13, 14 (1885, '86) incomplete. N. Y., 1874-1890. 5 v. in 9, 14 x 11, unbound. no title-page.

50 COLUMBIA'S RAILROAD ADVOCATE (weekly): May, 1855-56 (v. 5). N. Y., 1855-56. 1 v., 19 x 14 ½, 4o. a.

51 COLLIERY ENGINEER: See Mines and Minerals.


97 COMPRESSED AIR (monthly): Mar.—July, 1900 (v. 1). Note: Incomplete. N. Y., 1900. 1 v., 9 x 6, unbound.


66 ELECTRICAL ENGINEER (weekly): 1890-May, '99 (v. 9-27). Note: In May, 1899 consolidated with Electrical World, the new publication being called Electrical World and Engineer. v. 22 (July—Dec., 1906) wanting. N. Y., 1890-99. 18 v., 16 x 9, unbound.

56 ELECTRICAL ENTERPRISE (weekly): 1891 (v. 2). N. Y., 1891. 1 v., 12 x 9, unbound.

78 ELECTRICAL WORLD AND ENGINEER (weekly): 1896-June, 1900 (v. 5-31). Note: Prior to June, 1896, title read Electrical World; at that date consolidated with Electrical Engineer under the present title. v. 11, 12, 13 (July-Dec., 1897, '98, '99) wanting. N. Y., 1896-1900. 30 v., 13 x 10, unbound.

76 ELECTRICITY (weekly): July, 1894-1900 (v. 7-18). N. Y., 1894-1900. 18 v., 14 x 11, unbound.


2 General index from Apr., 1874 to Dec. 27th, 1900, inclusive. N. Y., 1891. 6 + 118 pp., 9 x 6, pap.
PERIODICALS—NORTH AMERICA.

Ta3  UNITED STATES—(Continued).

1 ENGINEERING RECORD (weekly); 1877-90 (v. 1-39). Note: Title of v. 1-3 (1877-
Nov. '80) reads The Plumber and Sanitary Engineer; v. 4-14 (Dec. '80-Nov. '86),
Sanitary Engineer; v. 14-16 (Nov. '86-Oct. '87), Sanitary Engineer and Con-
struction Record; v. 16-28 (Oct., '87-Dec., '90), Engineering and Building Record
and Sanitary Engineer; v. 1-8 (1877-88) incomplete. Published monthly prior to
No. 3 of v. 7. N. Y., 1877-90. 39 v., ill., 12 x 10, 44 mor.
1a—Index to matter pertaining to sewerage and sewage disposal in volumes 5-17,
Dec., 1891-Jan., 1881. comp. by Dana G. Barlow. N. Y., 1889. 149 pp., 9 x 6, cl.
1b—Public water supplies; their collection, storage, distribution, engineering, plant,
 purity and analysis: A digest and index to volumes 5-10 of the Engineering
and Building Record; comp. by D. Walter Brown. N. Y., 1900. 342 pp., 9 x 6, unbound.
43 GOOD ROADS (monthly); 1892-Mar., '93 (v. 1-7). Note: v. 5, No. 3; v. 6, No. 4
13 HERP'S MERCHANDISING'S MAGAZINE AND COMMERCIAL REVIEW (monthly);
1661-63 (v. 34-41). Note: v. 29-31 (July-Dec., 1853, July-Dec., '54) wanting. N.
Y., 1853-59. 19 v., 9 x 6, 34 skiv.
98 INDUSTRIAL AMERICAN (bi-monthly); 1891-92 (v. 1-3). Note: Incomplete. Lex-
ington, N. Y., 1891-92. 2 v., 14 x 10, unbound.
45 IRON AGE (weekly); 1873-June, 1900 (v. 11-80). Note: v. 11, 17, 20, 28, 30, 38-80
(Jan.-June, 1878; Jan.-June, 78; July-Dec., 77; Jan.-June, 76; July-Dec., '86;
'92) incomplete. v. 88 (Jan.-June, 1884) wanting. N. Y., 1873-1900. 54 v., 19 x 13,
13 x 9, unbound.
114 IRON PRODUCTION AND UTILIZATION (monthly); 1888-June, '90 (v. 11-15).
Note: v. 15 (Jan.-June, 1890) incomplete. Phil. 1885-86. 5 v., 14 x 9, unbound.
73 IRRIGATION AGE (monthly); 1891-94 (v. 1-8). Note: v. 6-9 (July-Dec., 1892, '94)
incomplete. Denver, 1891-94. 8 v., 14 x 9, unbound.
34 JOURNAL OF SPECULATIVE PHILOSOPHY (quarterly); 1884-85 (v. 18-19). N. Y.,
1884-85. 2 v., 9 x 6, 14 mor.
32 JOURNAL OF THE UNITED STATES ARTILLERY (bi-monthly); 1898-June, 1900
(v. 1-13). Note: Published quarterly 1898-90. Fort Monroe, Va., 1898-1900. 13
v., ill., 10 x 7, unbound.
19 JOURNAL OF THE WORCESTER POLYTECHNIC INSTITUTE (bi-monthly);
1950 (v. 1-3). Note: v. 1-2 (July, 1850-51), 2 v., pl., ill., 9 x 6, unbound.
8 v., ill., pl., 10 x 6, unbound.
36 LIBRARY JOURNAL (monthly): Official organ of the Library Associations of
America and of the United Kingdom; 1878-93 (v. 8-19). Note: v. 8, Nos. 2-4, 10;
v. 14, No. 1 (Apr.-Oct., 1878; Jan., '79) wanting. N. Y., 1878-94. 17 v., 10 x 8,
unbound.
77 LIGHT, HEAT AND POWER (monthly); 1865-June, '95 (v. 1-16). Note: v. 3
(1867) incomplete; v. 2, 12, 18 (1868, July- Dec., '66, July-Dec., '67) wanting.
Phil. 1865-94. 13 v., 18 x 9, unbound.
45 LITERARY NEWS: A monthly journal of current literature; 1890-94 (new ser.,
v. 1-15). Note: v. 12-15; v. 13, No. 17; v. 14, No. 7, 9, 10; v. 15, Nos. 3, 7
(July, 1891; Dec., '92; July, Sept., '93; Mar., July, '94) wanting. N. Y., 1890-
94. 5 v., ill., 10 x 7, unbound.
90 v., ill., 9 x 6, unbound.
70 LOUISIANA PLANTER (weekly); 1860-June, 1900 (v. 4-24). New Orleans, 1860-
1900. 21 v., 12 x 9, unbound.
130 MACHINERY (monthly): Sept., 1890-Aug., 1900 (v. 6). N. Y., 1890-1900. 1 v.,
13 x 9, unbound.
7 MAGAZINE OF AMERICAN HISTORY (monthly); May, 1895-Dec., '99 (v. 9-28).
Note: v. 9, Nos. 1-4 wanting. N. Y., 1895-99. 14 v., ill., por., 10 x 7, unbound.
99 MANUFACTURER (monthly); 1842-95 (v. 3-10). Holyoke, 1842-95. 8 v., 12 x 9,
unbound.
15 MANUFACTURER AND BUILDER (monthly); 1869-95 (quire 16). Note: v. 27 (1896)
incomplete; v. 8 (1870) wanting. N. Y., 1869-95. 29 v., ill., 13 x 10, cl.
87 MANUFACTURERS' RECORD (weekly); 1892 July, 1900 (v. 21-37). Balt., 1892-
1900. 17 v., 15 x 9, unbound.
75 MECHANICAL NEWS (bi-monthly); 1862-84 (v. 1-13, 11-13). Note: At first published
weekly; all volumes incomplete. Phil. 1892-91. 7 v., 12 x 9, unbound.
72 METALLURGICAL REVIEW (monthly); 1877-Apr., '78 (v. 1-4). Note: v. 2, Nos.
2, 3; v. 3, Nos. 1, 7. N. Y., 1877-78. 2 v., ill., 9 x 6, 14 mor.
99 METROPOLITAN MAGAZINE (monthly); Jan.-June, 1889 (v. 7). Amer. ed. N. Y.,
1889. 1 v., 10 x 6, 14 40.
PERIODICALS—NORTH AMERICA.

UNITED STATES—(Continued).

MINES AND MINERALS (monthly): Aug., 1891-July, 1900 (v. 18-30). Note: Published under title to Aug., 1899 as Collier's Engineer. Scranton, 1891-1900. 9 v., 13 x 9, 15 x 11, unbound.

MODERN MACHINERY (monthly): July, 1898-June, 1900 (v. 4-7). Chic., 1898-1900. 11 x 7, unbound.

MONTHLY BULLETIN OF THE FIDELITY AND CASUALTY CO. OF NEW YORK (monthly): Nov., 1897-Dec., 99 (v. 8-4). Note: Volumes incomplete. N. Y., 1897-99. 2 v., 11 x 9, 10 x 7, unbound.


MUNICIPAL AFFAIRS (quarterly): 1897-98 (v. 1-3). Note: v. 1, Nos. 3-4 (Sept., Dec., 1897) wanting. N. Y., 1897-98. 8 v., 9 x 6, unbound.

MUNICIPAL AND RAILWAY RECORD (monthly): Dec., 1898-June, 1900 (v. 8-6). Note: V. 8, No. 5 wanting. N. Y., 1898-1900. 4 v., ill., 18 x 10, unbound.


NATIONAL PROVISIONER (weekly): 1896-98 (v. 8-13). Note: v. 8 (1898) incomplete. N. Y., 1896-98. 5 v., 12 x 9, unbound.

OFFICIAL GAZETTE OF THE UNITED STATES PATENT OFFICE (weekly): 1872-June, 1900 (v. 1-41). Note: v. 18 (Jan.-June, 1878) incomplete. v. 6, 10-11, 14-30, 44-51 (July, 1874-June, 75; July, 75-June, 77; July, 78-Dec., 81; July, 81-June, 85) wanting. Wash., 1872-1900. 72 v., ill., 11 x 17, unbound.


PAYING AND MUNICIPAL ENGINEERING (monthly): 1898-99 (v. 4-11). Note: v. 4, Nos. 2, 3 (Feb., Mar., 1898) wanting. Indianapolis, 1898-99. 8 v., ll., 10 x 7, unbound.


POLYTECHNIC REVIEW (weekly): 1876-78 (v. 1-6). Note: In Jan., 1879 incorporated with the Engineer and Mining Journal; each volume incomplete. Phil., 1876-78. 6 v., 16 x 12, unbound.


—Supplement (monthly): 1877-78 (Nos. 2, 3). Note: Nos. 9, 11, 13, 17 (Jan., Mar., May, Sept., 1878) wanting. N. Y., 1877-78. 16 v., 9 x 6, unbound.


RAILROAD CAR JOURNAL (monthly): 1898-99 (v. 3-9). Note: v. 3 (1898) incomplete. N. Y., 1898-99. 7 v., 12 x 9, unbound.

RAILROAD GAZETTE (weekly): 1871-96 (v. 3-30). Note: v. 3-4 incomplete. N. Y., 1871-96. 25 v., ll., 15 x 11, 34 mor.

RAILWAY AGE (weekly): 1876-June, 1900 (v. 3-29). Note: v. 3, 4, 6, 11 (1876-79, 81, 89) incomplete; v. 20 (1895) wanting. (Bk.), 1876-1900. 20 v., 15 x 11, unbound.


RAILWAY MENTOR: A monthly journal of general railroad intelligence; 1874 (v. 2). N. Y., 1874. 1 v., 13 x 9, 34 ro.


SANITARIAN (weekly): 1881 (v. 9). N. Y., 1881. 1 v., 11 x 8, unbound.


PERIODICALS—NORTH AMERICA.

T33 UNITED STATES—(Continued).
31 SCIENCE (weekly); An illustrated journal; 1883-June, '91 (v. 1-17). Note: v. 17 Jan.-June, '86 incomplete. Cambridge, 1883-91. 17 v., ill., 10 x 7, unbound.

118 SCIENTIFIC AMERICAN (weekly); An Illustrated journal of art, science, and mechanics; May 1850-June, 1860 (old ser., v. 5-14; new ser., v. 1-2). Note: Old ser., v. 5 (1850); new ser., v. 14, 35, 39 (1878, July-Dec., 79) incomplete. Old ser., v. 7-9, 13 (except, 1931-34, Sept., 56-57); new ser., v. 13-14, 30-33, 36-38, 76, July, 1850-June, '86, '90-7, 77, Jan.-June, '78. July, 1850-June, '86, '90-7, 77, Jan.-June, '78, wanting. N. Y., 1850-1900. 66 v. in 60, ill., 16 x 11, 44 lb.

119 —Building edition (monthly); July, 1886-90 (v. 8-37). Note: v. 27, Nos. 4-6 wanting. N. Y., 1886-90, 30 v., ill., 15 x 11, unbound.

117a —Supplement: Catalogue of valuable papers. N. Y., 1897. 9 v., 11 x 8, pap., cf.

117 —Supplement (weekly); 1875-June, 1900 (v. 1-49). Note: v. 3-11, 13, 15, 19-20 (1877-June, '81, Jan.-June, '82, Jan.-June, '83) wanting. N. Y., 1875-1900. 36 v., ill., 16 x 10, unbound.

119 STEAM ENGINEERING (monthly); Sept., 1890-1900 (v. 10). N. Y., 1890-1900. 1 v., ill., 18 x 9, unbound.

36 STEVENS INDICATOR (quarterly); 1888-90 (v. 5-16). Note: v. 5, Nos. 1-8; v. 16, No. 2 (Jan.-July, 1888, Apr., '89 wanting. Hoboken, 1888-90. 18 v., ill., 10 x 7, unbound.

40 STONE: An illustrated magazine issued monthly; Feb.-Apr., Je., Ji. Oct., Dec., 1888, Jan., Mar., '94-Apr., '95; Aug., Nov., '97; May, '99-June, 1900 (v. 6, Nos. 8-9; v. 7, Nos. 1, 2, 5, 6, x, Nos. 1-2, 4-6; v. 8, 9, 10, Nos. 5, 6; v. 12, Nos. 3, 5, 6, 16, No. 6; v. 19-36). N. Y., 1888-1900. 9 v., ill., 10 x 7, unbound.

94 STOWELL’S PETROLEUM REPORTER (monthly); 1890-92. Pittsburgh, 1890-92. 4 v., 12 x 9, unbound.

37 STREET RAILWAY JOURNAL (monthly); Nov., 1884-90 (v. 1-15). N. Y., 1884-90. 5 v., ill., 12 x 9, 14 ro. no title-page.

38 TECHNIC, THE; The annual of the Engineering Society of the University of Michigan; 1888-94 (old ser., Nos. 4-10). Note: Nos. 8-9 (1893-95) wanting. Ann Arbor, 1889-94. 5 v., ill., 9 x 6, unbound.

39 TECHNIKER, DER (semi-monthly); 1917-1917 (v. 1-4). N. Y., 1917-1917. 6 v., 14 x 10, unbound.

40 TECHNOCYBER, PH. THE; published annually by the Association of Engineering Societies of the University of Illinois; 1895-1900 (Nos. 4-14). Note: Nos. 7, 10, 11, 13 (1902, 35-37, 38-90) wanting. Champaign, 1895-1900. 7 v., ill., 9 x 6, unbound.

78 TECHNOLOGIST (monthly); 1870 (v. 1). N. Y., 1870. 1 v., 14 x 9, unbound.

111 TECHNOLOGY ARCHITECTURAL REVIEW (monthly); 1888-90 (v. 1-3). Note: Published by the Massachusetts Institute of Technology. Continued as Architectural Review. Bost., 1888-90. 9 v., 14 x 11, unbound.


38 TECHNOLOGY REVIEW (quarterly); 1899 (v. 1). Bost., 1899. 1 v., ill., 10 x 7, unbound.

27 TRANSIT, THE; published semi-annually by the State University of Iowa; ed. by the Engineering Society: Dec., 1900, Jan., '01, June, '01 (v. 1, No. 2, 3, X, No. 1; v. 4, No. 1). Iowa City, 1899-1900. 9 v., ill., 9 x 6, unbound.

38 TRAVELLERS' RECORD (monthly); 1886-96 (v. 23-33). Note: v. 23 (1886) incomplete. v. 24, 27, 29-32 (1889, '91, '93-95 wanting. Hartford, 1886-96. 9 v., 12 x 10, unbound.

94 UNITED STATES GOVERNMENT PUBLICATIONS MONTHLY CATALOGUE; 1893-38 (v. 3. 10 x 6, unbound.

19 UNIVERSITY OF TENNESSEE RECORD (bi-monthly); 1908-99 (Nos. 1-11). Knoxville, 1908-99. 2 v., ill., 9 x 6, unbound.

39 VANDERSTRAND'S ENGINEERING MAGAZINE (monthly); 1903-35 (v. 1-35). Note: In 1907 consolidated with the American Railroad Engineer under the title Railroad and Engineering Journal, now American Engineer and Railroad Journal. N. Y., 1907-35. 35 v. in 36, ill., 10 x 6, 14 ro. cf.

38 WATER AND GAS JOURNAL (monthly); 1938 (v. 1). Phil., 1938. 1 v., 14 x 10, unbound.

15 WORKSHOP, THE: A monthly Journal devoted to progress of the useful arts; 1890-70 (v. 1-3). N. Y., 1890-70. 3 v., ill., 12 x 10, 12 mo.

T44 WEST INDIES.

1 GACETA DE LOS FERROCARRILES DE LA ISLA DE CUBA (weekly); Apr., 1891-Mar., '93 (v. 2-5). Note: Incomplete. Habana, 1891-93. 2 v., 12 x 9, unbound.
PERIODICALS—SOUTH AMERICA.

Tb1 ARGENTINE REPUBLIC.

Tb2 BRAZIL.
1 REVISTA DOS CONSTRUCTORES (monthly): 1886 (v. 1). Rio de Janeiro, 1886. 1 v., 15 x 11, unbound.

Tb5 COLOMBIA.
1 ANALES DE INGENIERIA (monthly): Órgano de la Sociedad Colombiana de Ingenieros; 1887-96 (v. 1-10). Bogotá, 1887-96. 10 v., II., 10 x 6, unbound.

Tb6 ECUADOR.
1 ANALES DE LA UNIVERSIDAD DE QUITO (monthly): Apr., 1895-Mar., '96 (v. 8-12). Quito, 1895-96. 5 v., 10 x 7, unbound.

Tb9 PERU.
1 ANALES DE CONSTRUCCIONES CIVILES Y DE MINAS DEL PERU; publicados por la Escuela de Ingenieros de Lima; 1880-87 (v. 1-6). Note: Published irregularly. Lima, 1880-87. 6 v., pl., 9 x 6, unbound.
3 BOLETIN DE MINAS, INDUSTRIA Y CONSTRUCCIONES (monthly): publicado por la Escuela Especial de Ingenieros; 1885-99 (v. 1-15). Note: v. 4-6, 8-12 (1885-93, '93-94) incomplete; v. 13-14 (1887-98) wanting. Lima, 1885-1900. 15 v., 14 x 9, unbound.

Tb11 VENEZUELA.
1 REVISTA CIENTIFICA MENSUAL DE LA UNIVERSIDAD DE VENEZUELA; 1900-05 (v. 1-8). Note: Incomplete. Caracas, 1900-05. 2 v., 15 x 10, unbound.

PERIODICALS—EUROPE.

Td1 AUSTRIA.
2 ALLGEMEINE BAUZEITUNG MIT ABBILDUNGEN (bi-monthly): 1874-75 (v. 39-40). Wien, 1874-75. 2 v., II., 18 x 12, bds.
1 MITTHEILUNGEN ÜBER GEGENSTÄNDE DES ARTILLERIE- UND GENIE-WESENS (monthly): 1877-96. Note: v. for 1861 and 1864, Nos. 1-5, 7, 8, 15 wanting. Wien, 1877-96. 25 v., II., 10 x 6, unbound.
4 STUMMERS INGENIEUR (bi-monthly): Internationales Organ fur das Gesammtgebiet des technischen Wissens; 1877 (v. 1). Wien, 1877. 1 v., 14 x 11, unbound.

Td2 BELGIUM.
1 ANNALES DES TRAVAUX PUBLICS DE BELGIQUE (bi-monthly); 1896-99 (ser. 2, v. 1-4). Bruxelles, 1896-99. 4 v., II., 10 x 6, unbound.

Td3 DENMARK.

Td4 FRANCE.
73 ANNALES DES PONTS ET CHAUSSEES: Lois, décrets, arrêtés et autres actes concernant l'administration et le personnel des Ponts et Chaussées et documents administratifs concernant les pays étrangers (monthly); 1841-44, 46-79, 91-99 (ser. 2, v. 1-5; 6-10; ser. 4, v. 6-10; ser. 5, v. 1-3; ser. 7, v. 7-9). Paris, 1841-96. 17 v., 9 x 6, § mor.
T40 FRANCE.—(Continued).


9 ANNALES DU CONSERVATOIRE IMPÉRIAL DES ARTS ET MÉTIERS (quarterly; v. 12 x 9, unbound). Note: v. 11, Nos. 4-5 wanting. Paris, 1919-79. 11 v., 8, 9 x 6, unbound.

10 ANNALES INDUSTRIELLES (weekly); 1870 (v. 8). Paris. 1870. 1 v., 13 x 9, unbound.

11 ANNÉES BAUZEITUNG ET COLONIALES; 1846 (v. 84-90). Paris, 1846. 5 v., 8 x 5, 14 skiv.

12 BULLETIN DU CANAL INTEROCEANIQUE (semi-monthly); 1906-86. 50 (v. 1-9, 13). Note: Each volume incomplete. Paris. 1910-92. 10 v., 15 x 9, unbound.

13 CHARBON, LE (weekly); Journal des mines et de toutes les industries métallurgiques; DON VÉNÉDÔCENCHE, 1879. 2 v., 12 x 8, unbound.

14 EXPORTATION FRANÇAISE, L’ (monthly); Journal du commerce maritime et des colonies; 1886-88 (v. 11-13). Note: Each volume incomplete. Paris. 1886-88. 5 v., 13 x 8, unbound.


16 MÉTALLURGIE, LA, ET LA CONSTRUCTION MÉCANIQUE (weekly); 1879 (v. 10). Paris. 1878. 1 v., 15 x 11, unbound.


18 PORTEFEUILLE ÉCONOMIQUE DES MACHINES DE L’OUTILLAGE ET DU MATÉRIEL RELATIFS À LA CONSTRUCTION, AUX CHEMINS DE FER, AUX ROUTES, AUX MINES, À LA NAVIGATION, À LA TÉLÉGRAPHIE, ETC. (monthy); 1901; 1-90 (v. 6; ser. 4, v. 1-8). Paris, 1861-99. 20° in 16°, 15 x 11, 14 skiv.

19 REVUE DE MÉCANIQUE (monthly); 1897-1900 (v. 1-4). Note: v. 3 (July-Dec., 1898) incomplete. Paris, 1897-1900. 6 v., 18 x 9, unbound.


21 REVUE GÉNÉRALE DES SCIENCES PURES ET APPLIQUÉES (semi-monthly); 1896-99 (v. 5-3). Paris, 1896-99. 7 v., 12 x 8, unbound.

22 REVUE TECHNIQUE (semi-monthly); Annales des travaux publics et des chemins de fer; 1900-90 (v. 1-20). Paris, 1890-90. 2°, v. 14 x 11, unbound.

23 REVUE UNIVERSELLE DES INVENTIONS NOUVELLES (monthly); 1906-91. Note: Volume for 1868 incomplete. Paris, 1898-91. 3 v., 11 x 8, unbound.

24 SCIENCE ET PROGRÈS (semi-monthly); Revue universelle; 1892-99 (v. 5-6). Note: Torre to 1892 published monthly. Both volumes incomplete. Paris, 1892-99. 2 v., 11 x 8, unbound.

T4G GERMANY.

30 ANNALEN DER PHYSIK UND CHEMIE; herausgegeben von J. C. Poggendorff (monthly); 1846-49 (v. 67-77). Note: v. 77 incomplete. v. 78-75 (1848) wanting. Leipzig, 1846-49. 9 v. in 7°, 9 x 5, 14 skiv.

31 ARCHIV FÜR EISENBAHNWESEN (semi-monthly); Mar.-Dec., 1838-Jan.-Feb., 1839. Note: Pt. 1, 1860; Pts. 5-6, 0 wanting. Ber., 1890-94. 5 v., 9 x 6, unbound.

32 CEDERBAUM-BLATT DER BAIERVERWALTUNG (weekly); herausgegeben im Ministerium der öffentlichen Arbeiten; 1891-96 (v. 1-1). Ber., 1891-96. 16, v. 14 x 10, unbound.

33 CIVILINGENIEUR (4 Nos. per year); Organ der Sächsischen Ingenieur- und Architekten-Vereine; 1894-96 (v. 30-42). Note: v. 20 (1894) incomplete. Leipzig, 1894-96. 8 v., 18 x 10, unbound.

35 DEUTSCHE ALLGEMEINE POLYTECHNISCHE ZEITUNG (weekly); 1880-82 (v. 8, 10). Ber., 1880-82. 2 v., 15 x 10, unbound.

37 DEUTSCHE ZEITUNG (semi-weekly); Verkündigungsblatts des Verbandes deutscher Architekten- und Ingenieur-Vereine; 1877-99 (v. 11-33). Note: v. 11, 23 (1877-99) incomplete. Ber., 1877-99. 23 v., 16 x 9, unbound.

38 DEUTSCHE INDUSTRIE-ZEITUNG (weekly); June-Dec., 1905 (No. 25-46). Chemnitz, 1905. 1 v., 15 x 10, unbound.

39 DINNERSCHE POLYTECHNISCHE JOURNAL. See Politechnisches Journal.

40 GESUNDHEITS-INGENIEUR (bi-monthly); 1903-94 (v. 16-17). München, 1903-94. 2 v., 15 x 10, unbound.

41 JOURNAL FÜR DIE BAUKUNST (quarterly); im zwanglosen haften, herausgegeben by A. L. Creile; 1850-51 (v. 29-30). Ber., 1850-51. 2 v., ill., 15 x 6, 54 skiv.
586 PERIODICALS—EUROPE.

Tdg GERMANY—(Continued).

7 MITTHEILUNGEN AUS DEN KÖNIGLICHEN TECHNISCHEN VERSUCHSGESTAETTEL AUS DER KÖNIGLICHEN AUFBLASCHS-HUBER (20. - 22. 2. 41. - 44. 4. 66. - 66. 6. 67. - 67. 8. 68. - 68. 10. 69. - 69. 2. 70. - 70. 1. 71. - 71. 3. 72. - 72. 5. 73. - 73. 7. 74. - 74. 9. 75. - 75. 11. 76. - 76. 1. 77. - 77. 3. 78. - 78. 5. 79. - 79. 7. 80. - 80. 9. 81. - 81. 1. 82. - 82. 2. 83. - 83. 3. 84. - 84. 4. 85. - 85. 5. 86. - 86. 6. 87. - 87. 7. 88. - 88. 8. 89. - 89. 9. 90. - 90. 1. 91. - 91. 2. 92. - 92. 3. 93. - 93. 4. 94. - 94. 5. 95. - 95. 6. 96. - 96. 7. 97. - 97. 8. 98. - 98. 9. 99. - 99. 10. 100. - 100. 2000.

8 SCHILLING'S JOURNAL FÜR GASELLEUTUNGS- UND WASSERSCHRIFT- VON DEN GESCHÄTZTEN (semi-monthly): Augsburg, 1975-76. 1 v., 14 x 20, unbound.

9 STAHLE, THE (monthly): München, 1876-77. 2 v., 14 x 20, unbound.

10 UNIVERSEND-INDEX DER JOURNAL FÜR DIE WELTLAUFUNG UND WASSERFORSCHUNG (semi-monthly): Lübeck, 1975-76. 2 v., 14 x 20, unbound.


13 BUILDING NEWS AND ENGINEERING JOURNAL (weekly): 1873-74. 20 v., 14 x 20, unbound.

14 CHEMICALS AND ARTIFACTS (monthly): 1874-74. 20 v., 14 x 20, unbound.

15 CHEMIST, THE: A monthly journal of chemical and physical science: 1875-75. 1 v., 14 x 20, unbound.

16 CHEMICALS AND ARTIFACTS: A monthly journal of chemical and physical science: 1875-75. 1 v., 14 x 20, unbound.


18 COLLIERS' WORLD: A weekly journal of coal and iron trades (monthly): July 1870-70. 1 v., 14 x 20, unbound.

19 COMMISSIONS OF PATENTS' JOURNAL: London, 1873-73. 1 v., 14 x 20, unbound.

20 DIPLOMATIC REVIEW: A weekly journal of world events: 1875-75. 1 v., 14 x 20, unbound.

21 ELECTRICAL REVIEW: A weekly journal of world events: 1875-75. 1 v., 14 x 20, unbound.


23 ENGINEERING: An illustrated weekly journal: 1875-75. 1 v., 14 x 20, unbound.
PERIODICALS—EUROPE.

TD6 GREAT BRITAIN—(Continued).
34 REVIEW OF GAS AND WATER ENGINEERING (weekly); 1880, July-Dec., 88 (v. 5, 9). Note: v. 5 (1889) incomplete. Lond., 1880-92. 5 v., 12 x 9, unbound.
40 SYMONS'S MONTHLY METEOROLOGICAL MAGAZINE; 1874 (v. 8). Note: July wanting. Lond., 1874. 1 v., 8 x 5, unbound.
80 TEXTILE MANUFACTURER (monthly); 1879-80 (v. 5-6). Manchester, 1879-80. 2 v., 12 x 9, unbound.

TD7 HUNGARY.
1 A MAGYAR MÉRNÖK-ÉS ÉPÍTÉSZ-EGYETLET KÖZLÖNYE (monthly); 1887-90 (v. 21-31). Note: v. 27 (1888) wanting. Budapest, 1887-90. 12 v., 12 x 10, unbound.
3 ÉPÍTÉSZETI SZEMLE (monthly); 1892-93. Budapest, 1892-93. 2 v., 10 x 15, unbound.

TD8 ITALY.
1 GIORNALE DEL GENIO CIVILE (monthly); Apr.-May, 1891; June-July, Nov.-Dec., 88; May-Dec., 87; Jan.-Feb., 87; 87-88 in v. 10, Nos. 4-8. Rome, 1891-90. 13 v., 10 x 8, unbound.
3 GIORNALE DEL LAVORI PUBBLICI (weekly); 1879-80 (v. 6-7). Roma, 1879-80. 2 v., 14 x 11, unbound.
1 INDUSTRIA, L' (weekly); 1887-90 (v. 1-18). Note: v. 5, 6 (1881, '82) incomplete. Milano, 1887-90. 12 v., 15 x 9, unbound.

TD9 NETHERLANDS.
1 ANNALES DE L'ÉCOLE POLYTECHNIQUE DE DELFT (quarterly); 1885-91, '94, '97 (v. 1-8). Leide, 1885-97. 8 v., 14 x 10, unbound.

TD10 NORWAY.
NORSK TEKNIKS TIDSSKRIFT. See Teknik Ukeblad.
2 TEKNIK UKEBLAD (weekly); 1882-83 (v. 1-17). Note: Continuation of Norsk Teknik Tidsskrift. v. 16 (1886) incomplete. Kristiania, 1888-90. 17 v., 13 x 10, unbound.

TD13 RUSSIA.
3 ENGINEER (monthly); 1895-96 (v. 17-22). Note: Russian text. v. 18-19 (1894-95) wanting. Kieff, 1895-96. 4 v., 18 x 10, unbound.
1 RIGASCHE INDUSTRIE-ZEITUNG (semi-monthly); Organ des Technischen Vereins zu Riga; 1875-96 (v. 23-30). Note: v. 24 (1886) incomplete. Riga, 1875-96. 24 v., 12 x 9, unbound.

TD14 SPAIN.
1 REVISTA DE OBRAS PÚBLICAS (weekly); fundada y sostenida por el Cuerpo Nacional de Ingenieros de Caminos, Canales y Puertos; 1897-99 (v. 44-46). Note: v. 44, 45 (1897, '98) incomplete. Madrid, 1897-99. 34 v., 14 x 10, unbound.

TD15 SWEDEN.
1 TEKNISK TIDSSKRIFT (weekly); utgifven af Svenska Teknologföreningen; 1877-99 (v. 7-23). Note: v. 23 (1898) incomplete; v. 18 (1889) wanting. Stockholm, 1877-99. 34 v., 14 x 10, unbound.

PERIODICALS—ASIA.

TE
2 INDIAN ENGINEERING (weekly); 1886-June, 1900 (v. 1-27). Note: v. 6 (July-Dec., 1896) wanting. Calcutta, 1886-1900. 25 v., 13 x 9, unbound.
3 MADRAS ADVERTISER (weekly); 1888-90 (new ser., v. 8-9). Note: Each volume incomplete. Madras, 1888-90. 2 v., 17 x 12, unbound.
1 PROFESSIONAL PAPERS ON INDIAN ENGINEERING (quarterly); 1872-76, '78, '84-86 (ser. 2, v. 1-3, 5; ser. 3, v. 2, No. 6; v. 3, No. 12; v. 4, No. 15). Roorkee, 1872-86. 9 v., ill., pl., 10 x 6, 14 x 9, cl.

PERIODICALS—AUSTRALIA.

TG
1 BUILDING AND ENGINEERING JOURNAL (weekly); July, 1890-June, '96. Note: Each volume incomplete. Melbourne, 1890-96. 6 v., 15 x 10, unbound.
Dictionaries and Encyclopedias.

U

51 ADLER, G. J., comp. Dictionary of the German and English languages; in two parts: Pt. 1, German and English; Pt. 2, English and German. ed. 7, rev. N.Y., 1868. 8 v. in 4 v, 10 x 7, 14 mor.

59 ALDEN'S LIVING TOPICS CYCLOPEDIA: A record of recent events and of the world's progress in all departments of knowledge. N.Y., 1866. 1 v, 8 x 8, 14 ro.

52 ALEXANDER, J. H. Universal dictionary of weights and measures, ancient and modern; reduced to the standards of the United States of America. Balt., 1850. 5 + 150 pp, 10 x 8, 8 cl.


45 AMERICAN ANNUAL CYCLOPEDIA AND REGISTER OF IMPORTANT EVENTS: 1831-89. N.Y., 1882-89. 4 v, port., 10 x 7, 8h.

44 AMERICAN CYCLOPEDIA: A popular dictionary of general knowledge; ed. by George Ripley and Charles A. Dana, N.Y., 1873-76. 10 v, ill., 10 x 7, cl.

47 AMERICAN ENGINEERING REGISTER: ed. by Lewis M. Haupt, N.Y., 1885. 411 + 101 pp, 9 x 8, cl.

52 ANDREWS, E. A. Copious and critical Latin-English lexicon, founded on the larger Latin-German lexicon of William Freund. N.Y., 1864. 36 + 1068 pp, 10 x 7, 8h.


18 APPLETON'S DICTIONARY OF MACHINES, MECHANICS, ENGINE-WORK, and engineering. N.Y., 1868. 2 v., ill., pl., port., 10 x 7, 14 mor.

43 BAILLIERE, C. P. F. Vocabulaire des homonymes simples de la langue française. Joliette, 1891. 8 + 218 pp, 7 x 4, cl.

43 —Vocabulary of English homonyms. Quebec, 1901. 8 + 190 pp, 7 x 4, cl.

40 BARLOW, PETER. Encyclopedia of mechanical philosophy; comprising the sciences of mechanics, hydrodynamics, pneumatics, and optics; and treatises on sound and light, by Sir John F. W. Herschel. Lond., 1841. 8 + 586 pp, pl., ill, 9 x 6, cl.

55 —New mathematical and philosophical dictionary; comprising an explanation of the terms and principles of pure and mixed mathematics and such branches of natural philosophy as are susceptible of mathematical investigation; with historical sketches of the rise, progress and present state of the several departments of these sciences; and an account of the discoveries and writings of the most celebrated authors, both ancient and modern. Lond., 1841, unnumbered, ill., 13 pl., 9 x 6, 14 sh.

70 BIBLIOTHECA POLYTECHNICA. Directory of technical literature, a classified catalogue of all books, annuals and journals published in America, England, France and Germany; ed. by Fritz von Szepszenski (yearly); 1828. N.Y., 1850. 1 v., 8 x 2, cl.

70 BOISTE, P. C. U. Dictionnaire universel de la langue française, avec le Latin et les hymnologies, extrait comparatif, concordance, critique et supplément de tous les dictionnaires français; manuel encyclopédique de grammair, d'orthographe, de vieul langage, de néologie, revisé, corrigé et considérablement augmenté par Charles Nobier. new ed., rev. and enl. Bruxelles, 1855. 54 + 844 pp, tab., ill, 11 x 8, 14 cl.

77 BOOTH, JAMES C. Encyclopedia of chemistry, practical and theoretical; embracing its application to the arts, metallurgy, mineralogy, geology, medicine, and pharmacy; by James C. Booth. ed. 7. Phil., 1871. 4 + 974 pp, ill., 9 pl., ill., 12 x 6, 8 cl.


1 BUSTAMANTE, F. CORONA. Diccionario Inglés-Español y Español-Inglés comprende todas las voces útiles de ambas lenguas con sus diferentes acepciones; las principales frases familiares y modismos; la nomenclatura moderna comercial e industrial los nombres propios, y la pronunciación figurada de los dos idiomas. Paris, 1890. 3 v., 8 x 4, cl.
590  DICTIONARIES AND ENCYCLOPEDIAS.

U—(Continued).

54 CALISCH, I. M. New complete dictionary of the English and Dutch languages; a dictionary of the English and Latin, Italian and Latin languages; a dictionary of the English and Greek, Latin and Greek languages. Philadelphia, ed. 2, 1800-92. 2 v., ill., 10 x 10, sh.

57 CENTURY CYCLOPEDIA OF NAMES: A pronouncing and etymological dictionary of names in geography, biography, mythology, history, ethnology, art, archaeology, botany, etc. ed. by Benjamin E. Smith. N. Y., 1884. 7 + 108 pp., 13 x 10, sh.

58 CENTURY DICTIONARY: An encyclopedic lexicon of the English language: prepared under the superintendence of William Dwight Whitney. N. Y., 1888-91. 2 v., ill., 10 x 10, sh.

59 CRESEY, EDWARD. Encyclopedia of civil engineering, historical, theoretical, and practical. Lond., 1847. 12 + 1655 pp., ill., 9 x 5, cl.

60 CYCLOPEDIA OF USEFUL ARTS, MECHANICAL AND CHEMICAL MANUFACTURES, mining, and engineering; ed. by Charles Tomlinson. Lond., 1865 (1) 2 v., ill., pl., 10 x 7, cl.

61 DAVENPORT, JOHN, and GUGLIELMO COMELATI, comp. New dictionary of the Italian and English languages, based upon that of Baretti. Lond., 1854. 2 v., ill., 9 x 5, cl.

62 DICTIONARY OF SCIENCE: comprising astronomy, chemistry, dynamics, electricity, heat, hydrodynamics, hydrostatics, light, magnetism, mechanics, meteorology, pneumatics, sound, and statics; preceded by an essay on the history of the physical sciences; ed. by G. F. Rodwell. Lond., 1871. 26 + 589 pp., 9 x 5, 5s.

63 DICTIONARY OF SCIENCE, LITERATURE, AND ART; comprising the history, description, and scientific principles of every branch of human knowledge; with the derivation and definition of all the terms in general use; ed. by W. T. Brande, assisted by Joseph Cauvin. N. Y., 1847. 4 + 1822 pp., ill., 10 x 6, sh.

64 ENCYCLOPEDIA BRITANNICA: A dictionary of arts, sciences and general literature. ed. 9. N. Y., 1878-86. 25 v., ill., 11 x 9, 14s. 10d.

65 ——— Same. Ed. 3. Edin., 1767-1801. 20 v., ill., 11 x 8, sh.


68 GALLUPE, F. E. Index to engineering periodicals, 1888 to 1897; inclusive; comprising engineering, railroads, science, manufactures, and trade. Boz., 1898. 185 + 354 pp., ill., 9 x 6, cl.

69 GRIER, WILLIAM. Mechanic's pocket dictionary: being a note book of technical terms, rules, and tables, in mathematics and mechanics; for the use of millwrights, engineers, machine makers, founders, carpenters, joiners, and students of natural and mechanical philosophy. Glasgow, 1857. 4 + 547 pp., ill., por., 7 x 4, cl.

70 HARKINS, N. E., and PAUL HEISE, comp. Handy lists of technical literature: Reference catalogue of books printed in English from 1800 to 1898 inclusive, to which is added a select list of books printed before 1800. Milwaukee, 1898-99. 2 v., in 5, 9 x 6, cl.

71 HAMONIER, G. Nouveau dictionnaire françois-anglais et anglais-français, abrégé de Boyer; augmenté d'un dictionnaire de prononciation et de vocabulaire de mythologie, de géographie et de marine, new ed., enl. Paris, no date. Various pagination, 9 x 6, sh.

72 HERBERT, LUKÉ. Engineer's and mechanic's encyclopedia, comprehending practical illustrations of the machinery and processes employed in every description of manufacture of the British Empire. Lond.; 1857. 2 v., ill., pl., 9 x 5, 3s. 10d.

73 HIBBEN, T. N., & CO., pub. Dictionary of the Chinook jargon, or Indian trade language of the North Pacific Coast. Victoria, 1883. 35 pp., 8 x 6, pap.

74 HILPERT, J. L. Dictionary of the English and German, and the German and English language; with a preface by E. Krower. N. Y., 1846. 1 v., fo, 2, 11 x 9, 4s. 6d.

75 HOEFLER, FRED. Dictionnaire de chimie et de physique. Paris, 1846. 2 + 478 pp., 7 x 5, cl.

76 HOUSTON, E. J. Dictionary of electrical words, terms and phrases. ed. 4, enl. N. Y., 1896. 7 + 900 pp., ill., 10 x 7, cl.

77 HUTTON, CHARLES. Mathematical and philosophical dictionary: containing an explanation of the terms, and an account of the several subjects, comprised under the heads, mathematics, astronomy, and philosophy, both natural and experimental: with an historical account of the rise, progress, and present state of these sciences: also, memoirs of the lives and writings of the most eminent authors both ancient and modern, who by their discoveries or improvements have contributed to the advancement of them. Lond., 1796-96. 2 v., ill., pl., 10 x 8, cl.
DICTIONARIES AND ENCYCLOPEDIAS.

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58 LIDZ, C., and ROBERT SCOTT. Greek-English lexicon, based on the German work of Francis Passow; with corrections and additions by Henry Dilse. N. Y., 1858. 2 v. in 1, 11 x 7, §4 mor.


60 LOVENDAL, A. S. Dictionnaire technique, français-anglais, des outils et ustensiles employés dans les métiers manuels, la petite industrie, les magasins, etc.; suivi d’un index anglais-français. Paris, 1866. 8 v. in 1, 7 x 5, pap.

61 MCELROY, H. R. Dictionary, practical, theoretical, and historical of commerce and commercial navigation; ed. by Henry Vethake. Phil., 1842. 2 v. in 1, 9 x 6, sh.

62 M’Culloch’s UNIVERSAL GAZETTEER: A dictionary, geographical, statistical, and historical, of the various countries, places, and principal natural objects in the world; in which the articles relating to the United States have been greatly multiplied and extended, and adapted to the present condition of the country; and to the wants of its citizens; by Daniel Hakel. N. Y., 1844-46. 2 v. maps, 10 x 8, §4 ro.

63 MALVIN-CAZAL, JOSEPH DE. Prononciation de la langue française au XIX siècle dans le langage soutenu que dans la conversation. Paris, 1846. 36 + 692 pp., 8 x 5, §4 ro.

64 MEADOWS, F. C. New Spanish and English dictionary, in two parts: I, Spanish and English—I, English and Spanish. Lond., 1847. 8 + 497 + 379 pp., 8 x 5, cl.

65 MORTIMER, THOMAS. General commercial dictionary, comprehending trade, manufactures, and navigation, as also agriculture, so far as it is connected with commerce; with considerable alterations and additions, by William Dickinson. ed. 2. N. E., Lond., 1819. 8 + 1156 pp., 8 x 5, pap.

66 MUSPRATT, SHERIDAN. Chemistry, theoretical, practical and analytical as applied and relating to the arts and manufactures. Glasgow, 1860. 7 v. ill., pl., port., 11 x 8, cl.

67 NATIONAL ALMANAC AND ANNUAL RECORD. 1852. Phil., 1853. 1 v. 7 x 5, cl.

68 NAVAL AND MILITARY TECHNICAL DICTIONARY OF THE FRENCH LANGUAGE, in two parts: French-English, and English-French; with explanations of the various terms, by Barn. Bost., 1863. 12 + 396 + 390 pp., tab., 8 x 5, cl.

69 NEUMAN AND BARETTI’S DICTIONARY OF THE SPANISH AND ENGLISH language; wherein the words are correctly explained, agreeably to their different meanings, and a great variety of terms relating to the arts, sciences, manufactures, merchandise, navigation, and trade, elucidated. rev. and enl. ed. Bost., 1852. 2 v. in 1, 9 x 5, sh.


71 NICHOLSON, PETER. Architectural and engineering dictionary, containing a correct nomenclature and derivation of the terms employed by architects, builders and workmen; and the lives of the principal architects. Lond., 1853. 2 v. ill., pl., 11 x 8, §4 sh.

72 NICHOLSON, WILLIAM. American edition of the British Encyclopædia; or, Dictionary of arts and sciences; comprising an accurate and popular view of the present improved state of human knowledge; v. 6. Phil., 1817. 1 v. pl. 9 x 5, 604 pp.

73 PARKER, J. H. Concise glossary of terms used in Greek, Roman, Italian and Gothic architecture. 8. rev. Lond., 1862. 2 + 336 pp., il., 7 x 8, cl.

74 PENNSYLVANIA, UNIVERSITY OF. List of periodical engineering literature; prepared at the Rogers Engineering Library, University of Pennsylvania, by H. H. Haupt, Jr. Phil., 1870. 91 pp., 10 x 7, pap.

75 POCKET DICTIONARY OF THE SPANISH AND ENGLISH LANGUAGES; comp. from the last improved editions of Neuman and Baretti; in two parts; Spanish-English and English-Spanish. Phil., 1851. 2 v. 8 x 5, sh.


77 ROGET, P. M. Thesaurus of English words and phrases classified and arranged so as to facilitate the expression of ideas and assist in literary composition; enl. and improved, by John Lewis Roget. new ed., enl. N. Y., 1876. 45 + 499 + 571 pp., 7 x 5, cl.

78 ROYAL DICTIONARY: English and French, and French and English; comp. from the dictionaries of Johnson, Todd, Ash, Webster, and Crabbe, from the last edition of Chambard, Garnier, and J. Descarrères, the sixth edition of the Academy, the complement to the Academy, the grammatical dictionary of Lavreaux, the universal lexicon of Bolste, and the standard technological works in either language; by Fleming and Tibbels. Paris, 1857. 2 v. in 2, §4 mor.

79 SMITH, L. H. HAMILTON and E. LEGROS. International English and French dictionary, new ed. Bost., 1890. 2 v. in 1, 10 x 6, §4 mor.
Dictionaries and encyclopedias.

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22. Spoons' Dictionary of Engineering, Civil, Mechanical, Military, and naval; with technical terms in French, German, Italian, and Spanish; ed. by Oliver Byrne. Lond., 1868-74. 8 v., ill., tab., 10 x 7, cl.

25. Stevens, John. New Spanish and English dictionary; collected from the best Spanish authors, both ancient and modern; to which is added, a copious English and Spanish dictionary; likewise, a Spanish grammar, more complete and easy than any hitherto extant, wherein the Spanish dialogues that have been published are put into proper English. Lond., 1706 (?) unpagd., 15 x 9, cl.

81. Stuart, Robert. Dictionary of architecture, historical, descriptive, topographical, decorative, theoretical, and mechanical. Lond., no date. 3 v., ill., 9 x 6, cl.

Tanner, H. S. Glossary of the scientific, mechanical and other terms employed in engineering. 1840. (See Aa-14, p. 238.)

29. Technological Dictionary; Containing the Technical Terms used in manufactures and arts, building, civil and naval architecture, military, civil and mechanical engineering, artillery, navigation, mathematics and natural philosophy, chemistry and mineralogy, etc. Wiesbaden, 1855-66. 3 v., 10 x 7, ro.

49. Technological Dictionary; English, German, French; With a Preface by Karl Karmarsch. V. 1-2, ed. 4, rev.; v. 3, ed. 3, rev. and enl. Wiesbaden, 1887-81. 3 v., 10 x 7, 4g mor.


8. Tomlins, T. E. Popular law-dictionary, familiarly explaining the terms and nature of English law; adapted to the comprehension of persons not educated for the legal profession, and affording information peculiarly useful to magistrates, merchants, parochial officers, and others. Lond., 1880. 588 pp., 8 x 5, 4b sh.

40. United States—Bureau of Education. English-Eskimo and Eskimo-English vocabularies; comp. by Roger Wells, Jr. and John W. Kelly; preceded by ethnographical memoranda concerning the Arctic Eskimos in Alaska and Siberia, by John W. Kelly. (Circular of Information No. 2.) Wash., 1900. 72 pp., maps, 8 x 5, pap.

19. Ure, Andrew. Dictionary of arts, manufactures, and mines; containing a clear exposition of their principles and practice. 4th Amer. fr. Lond. ed. N. Y., 1845. 3 v., ill., 9 x 6, 4b.


84. Weale, John. Rudimentary dictionary of terms used in architecture, civil architecture, naval; building and construction; early and ecclesiastical art; engineering, civil; engineering, mechanical; fine art; mining; surveying, etc.; to which are added explanatory observations on numerous subjects connected with mercantile art and science. Lond., 1840-50. 2 v., ill., pl., 7 x 4, cl.

72. Whitaker, Joseph. Almanack; 1885-86 Lond., 1885-86. 2 v., 7 x 5, pap.


73. World Almanac and Encyclopedia; 1900. N. Y., 1900. 1 v., 8 x 5, pap.
ENGINEERING HANDBOOKS.*

V

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195 — Sketches of the buildings and map of the grounds of the Columbian Exposition, no place, 1893. 8 pl., 16 x 21, pap. no title-page.
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199 — Reports of the United States Commissioners to the Paris Exhibition. Contents: v. 1. Report of the Commissioner-General, with accompanying papers, including list of officers of the Commission, official regulations, classification, lists of exhibitors, awards, etc. v. 2. Fine arts, education, and liberal arts, furniture, textile fabrics and wearing apparel, extractive arts, raw and manufactured products, hygiene, v. 3. Apparatus and processes of mechanical industries, civil engineering, forestry, v. 4. Electricity, military and life-saving material, culinary industries; v. 5. Agriculture, horticulture. Wash., 1890-91. 5 v., ill., pl., 9 x 6, cl.


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205 — Catalogue of the Chilian Exhibition at the Centenary of Philadelphia. Valparaiso, 1876. 83 pp., 9 x 6, pap.

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55.—Notes on cinnamon to some textile plants of Brazil, at the International Exhibition at Philadelphie in 1876. José de Saldanha da Gama. N. Y., 1876. 7 pp., 7 x 5, pap.

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13 — Bericht über die Weltausstellung zu Wien im Jahre 1873; herausgegeben durch die Künstlerische Ausschreibung-Commission in Triest. Friedrich Böhmkes, ed. Triest, 1874. 527 pp., 9 x 6, cl.

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105 — General regulations for the foreign exhibitors and commissions. Wash., 1873. 28 pp., 9 x 6, pap.


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110 —Reports upon the geology of California, Nevada, Utah, Colorado, New Mexico and Arizona, examined in the years 1911, 1912, and 1913. U. S. Geological Surveys West of the One Hundredth Meridian. 1879. (See Qe-44, v. 8.)


112 —Stratigraphy and succession of the rocks of the Sierra Nevada of California. J. E. Mills. Rochester, 1888. 428-444, map, 10 x 7, pap.

113 —CANA—A descriptive sketch of the physical geography and geology of the Dominion of Canada. A. C. Selwyn and G. M. Dawson. Montreal, 1884. 2 v., pl., maps, 10 x 6 (map 46 x 30), pap.

114 —Figures and descriptions of Canadian organic remains; Decade 1, 4. Geological Survey. Montreal, 1899. 2 v., il., pl., 10 x 7, pap.


116 —Plans of various lakes and rivers between Lake Huron and the River Ottawa, to accompany the geological reports for 1880, 34, 56, 57, Geological Survey. Toronto, 1887. 1 p., maps, 12 x 10, cl.


118 —Report of the Select Committee appointed by the House of Commons to obtain information as to geological surveys, etc., etc. Ottawa, 1884. 207 pp., 10 x 6, pap.

119 —Report on North-western Manitoba with portions of the adjacent districts of Assiniboia and Saskatchewan; by J. B. Tyrrell. Geological Survey, Ottawa, 1892. 240 pp., maps, 10 x 6, pap.

120 —Report of progress, together with a preliminary and general report on the Assiniboine and Saskatchewan Exploring Expedition; made under instructions from the Provincial Secretary, Canada; by Henry Tyoue. Hind. 1892. (See Qe-57.)

121 —CARBON COUNTY, PA. Sketch of the geology of Carbon Co., Pa. C. A. Ash. no place, 1884. 38 pp., 9 x 6, pap.


123 —CHILI. Dona Inez and the Llano del Inca meteorites, from Atacama, Chili, with mineralogical description. X. E. Wadsworth. no place, no date. pp. 98-99, 10 x 7, pap.


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