

LETTER

FROM

THE SECRETARY OF WAR,

TRANSMITTING,

In response to Senate resolution of March 24, 1881, reports of the publications, &c., of the respective bureaus of the War Department from March 4, 1789, to March 4, 1881.

JANUARY 12, 1882.—Ordered to lie on the table and be printed.

WAR DEPARTMENT,
Washington City, January 11, 1882.

SIR: I have the honor to transmit herewith reports of the respective heads of the bureaus of the War Department, giving, so far as relates to said department, the information called for by Senate resolution of March 24, 1881, as follows:

Resolved, That the heads of each of the executive departments be, and hereby are, directed to report to the Senate, at the beginning of the next session of Congress, complete lists of any and all books, reports, documents, and pamphlets issued, printed, or published by their respective departments, and by each and every bureau and office thereof from March 4, 1789, to March 4, 1881.

Very respectfully, your obedient servant,
ROBERT T. LINCOLN,
Secretary of War.

The PRESIDENT *pro tempore*.
of the United States Senate.

WAR DEPARTMENT,
ADJUTANT-GENERAL'S OFFICE,
Washington, January 7, 1882.

SIR: Referring to Senate resolution of March 24, 1881, calling for a complete list of any and all books, reports, documents, and pamphlets issued, &c., from March 4, 1789, to March 4, 1881, I have the honor to report that the only publication of this office is the Annual Official Army Register, published each year since 1815.

I have the honor to be, sir,
Very respectfully, your obedient servant,
R. C. DRUM,
Adjutant-General.

The honorable the SECRETARY OF WAR.

HEADQUARTERS OF THE ARMY,
INSPECTOR-GENERAL'S OFFICE,
Washington, D. C., November 28, 1881.

SIR: In reply to Senate resolution of March 24, 1881, referred from your office March 26, that heads of executive departments report to the Senate complete lists of all publications ever issued by them to March 4, 1881, I have the honor to state that the only publication issued by this office is "Descriptions of Military Posts and Stations of the United States," in 1872.

Very respectfully, your obedient servant,

D. B. SACKET,
Brigadier and Inspector General.

The honorable the SECRETARY OF WAR.

LIST OF PUBLICATIONS ISSUED BY OR UNDER THE DIRECTION OF THE
BUREAU OF MILITARY JUSTICE.

- Digest of Opinions of the Judge-Advocate-General of the Army. War Department, Bureau of Military Justice. 1865.
- Digest of Opinions of the Judge-Advocate-General of the Army, including opinions given since the issue of the Digest of 1865, together with those contained in that edition. War Department, Bureau of Military Justice. 1866.
- Digest of Opinions of the Judge-Advocate-General of the Army, containing a selection of official opinions furnished to the President, the Secretary of War, the Adjutant-General, Heads of Bureaus of the War Department, commanding officers, judge-advocates, and members of military courts, and other officers of the Army, and soldiers, between September, 1862, and July, 1868. Edited by Major W. Winthrop, Judge-Advocate, United States Army, third edition. (Published by the authority of the Secretary of War.) 1868.
- A Sketch of the History and Duties of the Judge-Advocate-General's Department, United States Army, Washington, D. C. 1876. Prepared at the request of the Commission on the Reform and Reorganization of the Army.
- A Digest of Opinions of the Judge-Advocate-General of the Army, with notes by Bvt. Col. W. Winthrop, Judge-Advocate, United States Army, assistant to the Judge-Advocate-General. (Published by the authority of the Secretary of War.) September 1, 1880.

WAR DEPARTMENT,
QUARTERMASTER-GENERAL'S OFFICE,
Washington, D. C., December 6, 1881.

SIR: In compliance with War Department indorsement referring United States Senate resolution of March 24, 1881, directing that a complete list of any and all books, reports, documents, &c., issued, printed, or published by the several executive departments and bureaus thereof from March 4, 1789, to March 4, 1881, be reported at the beginning of the next session of Congress, I have the honor to inclose a list giving as far as possible the publications by this office.

It is only of late years that a regular printing account, from which such information can be had, has been kept by this office. Prior to that time the annual reports of the Quartermaster-General were printed in pamphlet form for distribution to officers of the department.

Very respectfully, your obedient servant,

M. C. MEIGS,

Quartermaster-General, Brevet Major-General, U. S. A.

The honorable the SECRETARY OF WAR.

List of books, reports, documents, &c., issued, printed, &c., by the Office of the Quartermaster-General.

Nature of publications.	Date.	Number.
Remarks of Quartermaster-General on Soldiers' Cemeteries	June 25, 1866	500
Pamphlets, &c., relating to Southern Railroads	May 4, 1870	2,000
Notes on Planting Trees	Aug. 10, 1870	500
Reports of Progress of National Cemeteries	Aug. 12, 1870	500
Annual Report of the Quartermaster-General, 1870	Nov. 10, 1870	250
Kiernan's Hints on Horseshoeing	May 29, 1871	1,000
Annual Report of the Quartermaster-General, 1871	Oct. 30, 1871	200
Annual Report of the Quartermaster-General, 1872	Nov. 26, 1872	200
Regulations Quartermaster's Department, 1871-'72	Jan. 16, 1873	500
Notes on Building in Concrete and Pisé	Apr. 18, 1873	1,000
Notes on the Care and Use of Johnson's Patent Pump, &c.	Oct. 22, 1873	1,500
Instructions as to Keeping and Using the Pumps, &c.	Oct. 22, 1873	1,000
Annual Report of the Quartermaster-General, 1873	Nov. 18, 1873	300
Annual Report of the Quartermaster-General, 1874	Oct. 28, 1874	30
Notes on Pisé	Sept. 4, 1874	1,000
Notes on Black Building Paper	Apr. 5, 1875	500
Annual Report of the Quartermaster-General, 1875	Dec. 3, 1875	350
Table of Land-Grant Railroads	Apr. 25, 1876	150
Do	Apr. 25, 1876	850
Annual Report of the Quartermaster-General, 1876	Oct. 23, 1876	300
Report of Board of Officers on United States Army-Wagon, Harness, &c.	Feb. 17, 1877	1,000
Report of Quartermaster-General, 1877	Oct. 23, 1877	300
Compilations of Laws, Orders, Opinions, &c., relating to National Military Cemeteries.	June 18, 1878	300
Annual Report of the Quartermaster-General, 1878	Nov. 2, 1878	300
Report of Board on Horse and Mule Shoes	Dec. 17, 1878	1,000
Annual Report of the Quartermaster-General, 1879	Nov. 17, 1879	300
Reports on Military Railroads, Letters of Instruction, and General and Special Orders.	July 6, 1880	200
Compendium of Orders, Regulations, &c., relative to Claims under Act July 4, 1864.	Oct. 2, 1880	500
Regulations Regarding Transportation over Land-Grant and Bonded Railroads.	Oct. 30, 1880	100
Military Railroads—General Orders, Instructions and Reports, 1861 to 1867 ..	Nov. 15, 1880	8
Annual Report of the Quartermaster-General, 1880	Nov. 24, 1880	300
Instructions for Using Moore's Improved Pack-Saddle	Jan. 28, 1881	500
Report on Transportation of United States Military Stores over the Atchison, Topeka and Santa Fé Railroad, during 1875-'76.	Feb. 12, 1881	300

WAR DEPARTMENT,
OFFICE COMMISSARY-GENERAL OF SUBSISTENCE,
Washington, D. C., November 12, 1881.

SIR: In compliance with United States Senate resolution of March 24, 1881, referred by you to this office March 26, 1881, for report, I have the honor to state that the following list comprises the titles of all books, reports, documents, and pamphlets issued, printed, or published by this department (so far as is known in this office), from March 4, 1879, to March 4, 1881, viz :

Regulations for the Subsistence Department of the United States Army.
1827.

Same. 1835.

Same. 1839.

Regulations for the Subsistence Department of the Army of the United States. 1841.

Same. 1843.

Same. 1846.

Same. 1847.

Same. 1862.

Same. 1863.

Camp Fires and Camp Cooking; or, Culinary Hints for the Soldier: including recipe for making bread in the "portable field oven" furnished by the Subsistence Department. By Capt. James M. Sander-son, Commissary of Subsistence of Volunteers. 1862.

Notes on Preparing Stores for the United States Army, and on the care of the same, &c., with a few rules for detecting adulterations. By C. L. Kilburn, Lieut. Col. and Asst. Com'y Gen'l of Subsistence, U. S. Army. 1863.

Bread and Bread-Making. 1864.

Cattle and Cattle-Feeding. 1865.

Notes on the Culture, Cure, Manufacture, Inspection, and Preservation of Tobacco. 1867.

Description, Weight, and Memorandums of the various parts of Cattle. 1868.

Notes upon the subject of Butter and Cheese, prepared by order of the Commissary-General of Subsistence, by Thomas Wilson, Captain, C. S., and Brevet Brigadier-General, U. S. A. 1868.

Notes on Canned Goods, prepared under the direction of the Commissary-General of Subsistence, U. S. A. By Capt. T. Wilson, C. S., U. S. A., 1870.

Legislative History of the Subsistence Department of the U. S. Army, from June 16, 1775, to August 15, 1876, compiled under the direction of the Commissary-General of Subsistence by John W. Barriger, Major and Commissary of Subsistence and Bvt. Brigadier-General, U. S. Army. 1877.

Practical Instructions in Bread-Making, edited under the direction of the Commissary-General of Subsistence, mainly from data furnished by George Bell, Major and Commissary of Subsistence and Bvt. Brigadier-General, U. S. Army, by John W. Barriger, Major and Commissary of Subsistence, and Bvt. Brigadier-General, U. S. Army, Assistant to the Commissary-General of Subsistence, Washington. 1878.

Manual for Army Cooks, compiled from the report of a board of officers for use of the U. S. Army. 1879.

Notes on Ventilation of Cellars, with Designs, prepared by John P. Hawkins, Major and Commissary of Subsistence, U. S. Army. 1880.

Description of and Directions for Using the Portable Field-Ovens furnished by the Subsistence Department, U. S. A.; to which are added Notes upon the Construction of Field-Ovens, by First Lieut. W. L. Carpenter, Ninth Inf., U. S. A. 1880.

Annual Report of the Commissary-General of Subsistence for the fiscal year ending 1867.

Same. 1868.

Same. 1869.

Same. 1870.

Same. 1871.

Same. 1872.

Same. 1873.

Same. 1874.

Same. 1875.

Annual Report of the Commissary-General of Subsistence for the fiscal year ending 1876.

Same. 1877.

Same. 1878.

Same. 1879.

Same. 1880.

Respectfully, your obedient servant,

R. MACFEELY,

Commissary-General of Subsistence.

The Hon. SECRETARY OF WAR.

WAR DEPARTMENT,
SURGEON-GENERAL'S OFFICE,
Washington, D. C., November 28, 1881.

SIR: I have the honor to transmit herewith a list of the publications issued by this bureau, as called for by resolution of the United States Senate, March 24, 1881, directing the executive departments to report to the Senate, at the beginning of the next session of Congress, complete lists of all books, reports, documents, and pamphlets issued, printed, or published by such department and by every bureau and officer thereof from March 4, 1789, to March 4, 1881.

Very respectfully, your obedient servant,

J. K. BARNES,

Surgeon-General.

The honorable the SECRETARY OF WAR.

LIST OF THE PUBLICATIONS BY THE MEDICAL DEPARTMENT OF THE U. S. ARMY, CALLED FOR BY RESOLUTION OF THE UNITED STATES SENATE, MARCH 24, 1881.

Statistical Report on the Sickness and Mortality in the Army of the United States, from January, 1819, to January, 1839. Prepared under the direction of Thomas Lawson, Surgeon-General. 8vo. Washington, 1840.

Meteorological Register, from 1822 to 1830, inclusive. Compiled from observations made by the surgeons of the Army, and others, at the military posts of the United States. Prepared under the direction of Thomas Lawson, Surgeon-General, U. S. A. Philadelphia, 1840.

Meteorological Register, from 1831 to 1842, inclusive. Compiled from observations made by the officers of the Medical Department of the Army at the military posts of the United States. Prepared under the direction of Brevet Brigadier-General Thomas Lawson, Surgeon-General, U. S. A. Washington, 1851.

Statistical Report on the Sickness and Mortality in the Army of the United States, from January, 1839, to January, 1855. By R. H. Coolidge, Assistant-Surgeon, U. S. A. 4to. Washington, 1856.

Statistical Report on the Sickness and Mortality in the Army of the United States, from 1855 to 1860. 4to. Washington, 1860.

Circular No 9. War Department, Surgeon-General's Office, July 1, 1863. Consolidated Statement of Gunshot Wounds. By Surgeon J. H. Brinton, U. S. Volunteers. 11 pp., 8vo.

- Circular No. 15. War Department, Surgeon-General's Office, Washington, September 8, 1863. Sickness and Mortality of the Army during the First Year of the War. By J. J. Woodward, Assistant Surgeon, U. S. Army. pp. 8, 8vo., with 6 diagrams.
- Circular No. 6. War Department, Surgeon-General's Office, Washington, March 10, 1864. Reflex Paralysis. By Acting Assistant Surgeons S. Weir Mitchell, George R. Morehouse, and W. W. Keen, jr. pp. 17, 16mo.
- Circular No. 6. War Department, Surgeon-General's Office, Washington, November 1, 1865. Reports on the extent and nature of the materials available for the preparation of a Medical and Surgical History of the Rebellion. Medical Report by Brevet Major J. J. Woodward, Assistant Surgeon, U. S. Army; Surgical Report by Brevet Lieutenant-Colonel G. A. Otis, Surgeon, U. S. Volunteers. pp. 166, 4to.
- Catalogue of the Surgical Section of the United States Army Medical Museum. Prepared, under the direction of the Surgeon-General, by Brevet Major A. A. Woodhull, Assistant Surgeon, U. S. Army. Washington, Government Printing Office, 1866. pp. 664, 4to.
- Photographs of Surgical Cases and Specimens, taken at the Army Medical Museum, with histories of 296 cases. By Brevet Lieutenant-Colonel G. A. Otis, Assistant Surgeon, U. S. Army. Washington, 1866-'71. 6 vols., 4to.
- Circular No. 5. War Department, Surgeon-General's Office, Washington, May 4, 1867. Report on Epidemic Cholera in the Army of the United States during the year 1866. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. pp. xviii, 65, 4to.
- Circular No. 7. War Department, Surgeon-General's Office, Washington, July 1, 1867. A Report on Amputations at the Hip-joint in Military Surgery. By Brevet Lieutenant-Colonel G. A. Otis, Assistant Surgeon, U. S. Army. pp. 87, 4to.
- Catalogue of the Medical Section of the Army Medical Museum. Prepared, under the direction of the Surgeon-General, by Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. Washington, Government Printing Office, 1867. pp. 136, 4to.
- Catalogue of the Microscopical Section of the United States Army Medical Museum. Prepared, under the direction of the Surgeon-General, by Brevet Major E. Curtis, Assistant Surgeon, U. S. Army. Washington, Government Printing Office, 1867. pp. 161, 4to.
- Circular No. 1. War Department, Surgeon-General's Office, Washington, June 10, 1868. Report on Epidemic Cholera and Yellow Fever in the Army of the United States during the year 1867. By Brevet Lieutenant Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. pp. 156, 4to.
- A Medical Report upon the Uniform and Clothing of the Soldiers of the United States Army. By Brevet Major A. A. Woodhull, Assistant Surgeon, U. S. Army. Washington, Surgeon-General's Office, 1868. pp. 26, 8vo.
- Circular No. 2. War Department, Surgeon-General's Office, Washington, January 2, 1869. A Report on the Excisions of the Head of the Femur for Gunshot Injury. By Brevet Lieutenant-Colonel G. A. Otis, Assistant Surgeon, U. S. Army. pp. 141, 4to.
- The Medical and Surgical History of the War of the Rebellion, 1861-'65. Prepared under the direction of the Surgeon-General. Part I, Vol. I, Medical History, by Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army, pp. xliii, 726; Vol. II, Surgical History, by Brevet Lieutenant-Colonel G. A. Otis, Assistant Surgeon, U. S.

- Army, pp. clv, 650. Appendix, containing Reports of Medical Directors, &c., pp. 365. Washington, Government Printing Office, 1870. (Actually issued in December, 1872.) Part II, Vol. II, Surgical History, by Brevet Lieutenant-Colonel G. A. Otis, Assistant Surgeon, U. S. Army, pp. 1024. Washington, Government Printing Office, 1876; Vol. I, Medical History, by Brevet Lieutenant-Colonel J. J. Woodward, Surgeon, U. S. Army, pp. xii, 869. Washington, Government Printing Office, 1879.
- Circular No. 4. War Department, Surgeon-General's Office, Washington, December 5, 1870. Report on Barracks and Hospitals, with Descriptions of Military Posts. By Brevet Lieutenant-Colonel J. S. Billings, Assistant Surgeon, U. S. Army. pp. 494, 4to.
- Report on the Histology of Minute Bloodvessels. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 8 pp., 4to, 11 photographs. Surgeon-General's Office, 1870.
- Report on the Magnesium and Electric Lights as applied to Photo-Micrography. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 6 pp., 4to, 11 photographs. Surgeon-General's Office, 1870.
- Report on the Oxy-Calcium Light as Applied to Photo-Micrography. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 3 pp., 4to, 2 photographs. Surgeon-General's Office, 1870.
- Report on an Improved Method of Photographing Histological Preparations by Sunlight. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 10 pp., 4to, 11 photographs. Surgeon-General's Office, 1871.
- Memorandum on Amphipleura Pellucida. By Brevet-Lieutenant Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 1 p., 4to, 2 photographs. Surgeon-General's Office, 1871.
- Memorandum on the Test Podura. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 3 pp., 4to, 5 photographs. Surgeon-General's Office, 1871.
- Memorandum on Pleurosigma Angulatum and Pleurosigma Fornosum. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 4 pp., 4to, 8 photographs. Surgeon-General's Office, 1871.
- Memorandum on Surirella Gemma. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 1 p., 4to, 2 photographs. Surgeon-General's Office, 1871.
- Report on the Pathological Anatomy and Histology of the Respiratory Organs in the Pleuro-Pneumonia of Cattle, with 6 Lithographs from Photo-Micrographs. Washington, June 15, 1870. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. pp. 9, 4to. In the Report of the Commissioner of Agriculture on the Diseases of Cattle in the United States. Government Printing Office, 1871.
- Report of Results of Examinations of Fluids of Diseased Cattle, with reference to the Presence of Cryptogamic Growth. By Brevet Lieutenant-Colonel J. S. Billings, Assistant Surgeon, U. S. Army, and Brevet Major E. Curtis, Assistant Surgeon, U. S. Army. pp. 12, 4to. In the Report of the Commissioner of Agriculture on the Disease of Cattle in the United States. Government Printing Office, 1871.
- Circular No. 3. War Department, Surgeon-General's Office, Washington, August 17, 1871. A Report on Surgical Cases treated in the Army of the United States from 1865 to 1871. By Brevet Lieutenant-Colonel G. A. Otis, Assistant Surgeon, U. S. Army. pp. 296, 4to.

- Report on the Minute Anatomy of two cases of Cancer. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 10 pp., 4to. 2 photolithographs. Surgeon-General's Office, 1872.
- Memorandum on the Nineteen-band Test Plate of Nobert. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 4 pp., 4 to., 9 photographs. Surgeon-General's Office, 1872.
- Catalogue of the Library of the Surgeon-General's Office. By Brevet Lieutenant-Colonel J. S. Billings, Assistant Surgeon, U. S. Army. Washington, Government Printing Office, 1872. pp. 454, 4to.
- Four Letters to the Surgeon-General, accompanying photographs of the Mosquito, certain Parasites, the Proboscides of certain Flies, and miscellaneous photographs of Insects and parts of Insects. 8 pp., 4to., 35 photographs. Surgeon-General's Office, 1872.
- The Medical Department of the United States Army from 1775 to 1873. By Brevet Major H. E. Brown, Assistant Surgeon, U. S. Army. Washington, Surgeon-General's Office, 1873.
- Report on Quarantine on the Southern and Gulf Coasts. By Brevet Major H. E. Brown, Assistant Surgeon, U. S. Army. Washington, Government Printing Office, 1873. Forty-second Congress, 3d session, Senate Executive Document No. 9.
- Catalogue of the Library of the Surgeon-General's Office. By Brevet Lieutenant-Colonel J. S. Billings, Assistant Surgeon, U. S. Army. Vol. 1, A-L, pp. 1193, 4to. Vol. 2, M-Z, pp. 956, 4to. Supplement, pp. 319, 4to. Washington, Government Printing Office, 1873-'74.
- Circular No. 8. War Department, Surgeon-General's Office, Washington, May 1, 1875. A Report on the Hygiene of the United States Army, with descriptions of Military Posts. By Brevet Lieutenant-Colonel J. S. Billings, Assistant Surgeon, U. S. Army. pp. lix, 567, 4to.
- A Report on a Plan for Transporting Wounded Soldiers by Railway, &c. By Brevet Lieutenant-Colonel G. A. Otis, Assistant Surgeon, U. S. Army. Surgeon-General's Office, 1875. 56 pp., 8vo.
- Cholera Epidemic of 1873 in the United States. Reports prepared under the direction of the Surgeon-General of the Army. A.—History of the Cholera Epidemic of 1873 in the United States. By Brevet Major E. McClellan, Assistant Surgeon, U. S. Army. 513 pp., 8vo. B.—History of the Travels of Asiatic Cholera. By John C. Peters, M. D., of New York, and Brevet Major Ely McClellan, Assistant Surgeon, U. S. Army. 192 pp., 8vo. C.—Bibliography of Cholera. By Brevet Lieutenant-Colonel J. S. Billings, Assistant Surgeon, U. S. Army. 320 pp., 8vo. Washington, Government Printing Office, 1875. Forty-third Congress, 2d session, House of Representatives, Executive Document No. 95.
- Statistics, Medical and Anthropological, of the Provost-Marshal-General's Bureau, &c. By Colonel J. H. Baxter, Chief Medical Purveyor, U. S. Army. Washington, Government Printing Office, 1875. Vol. I, pp. lxii, 568; Vol. II, pp. xxviii, 767.
- Specimen Fasciculus of a Catalogue of the National Medical Library, under the direction of the Surgeon-General of the U. S. Army, at Washington, D. C. By Brevet Lieutenant-Colonel J. S. Billings, Assistant Surgeon, U. S. Army. Washington, Government Printing Office, 1876. pp. 72, 4to.

PAMPHLETS ISSUED IN CONNECTION WITH THE EXHIBIT IN THE HOSPITAL OF THE MEDICAL DEPARTMENT U. S. ARMY. INTERNATIONAL EXHIBITION OF 1876, VIZ:

- No. 1. List of Skeletons and Crania in the Section of Comparative Anatomy of the U. S. Army Medical Museum, for use during the International Exhibition of 1876. By Dr. H. C. Yarrow. Washington, 1876. pp. 52, 8vo.
 - No. 2. Description of the Models of Hospital Cars. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 10 pp., 8vo.
 - No. 3. Description of the Models of Hospitals. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 22 pp., 8vo.
 - No. 4. Description of the Models of Hospital Steam-Vessels. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 12 pp., 8vo.
 - No. 5. Description of Perot & Co.'s Improved Medicine Wagon. By the Manufacturer. 16 pp., 8vo.
 - No. 6. Description of the U. S. Army Medicine Transport Cart, Model of 1876. By Brevet Lieutenant-Colonels D. L. Huntington and G. A. Otis, Assistant Surgeons, U. S. Army. 16 pp., 8vo.
 - No. 7. Description of Selected Specimens from the Surgical Section of the Army Medical Museum. By Brevet Lieutenant-Colonel G. A. Otis, Assistant Surgeon, U. S. Army. 22 pp., 8vo.
 - No. 8. Check List of Preparations and Objects in the Section of Human Anatomy of the U. S. Army Medical Museum, for use during the International Exhibition of 1876. By Brevet Lieutenant-Colonel G. A. Otis, Assistant Surgeon, U. S. Army. Washington, 1876. pp. 135, 8vo.
 - No. 9. List of Selected Microscopical Preparations from the Army Medical Museum. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 7 pp., 8vo.
 - No. 10. Description of Selected Specimens from the Medical Section of the Army Medical Museum. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 21 pp., 8vo.
 - No. 11. Typho-Malarial Fever: Is it a Special Type of Fever? Being remarks introductory to the discussion in the Section of Medicine, International Medical Congress. By Brevet Lieutenant-Colonel J. J. Woodward, Assistant Surgeon, U. S. Army. 44 pp., 8vo.
- Circular No. 9. War Department, Surgeon-General's Office, Washington, March 1, 1877. Report on Transportation of Sick and Wounded by Pack Animals. By Brevet Lieutenant-Colonel G. A. Otis, Assistant Surgeon, U. S. Army. pp. —, 4to.
- Index Catalogue of the Library of the Surgeon-General's Office, U. S. Army, and Subjects. Vol. I (A.—Berliński). With a list of abbreviations of periodicals indexed. Washington, Government Printing Office, 1880. pp. vi, 126, 888, imp'l 8vo.
- The same. Vol. II. (Berlioz-Cholas). Washington, Government Printing Office, 1881. pp. 12, 990, imp'l 8vo.

WAR DEPARTMENT,
PAYMASTER-GENERAL'S OFFICE,
Washington, November 29, 1881.

SIR: In compliance with the resolution of the Senate of the United States of March 24, 1881, calling for a list of all books, reports, documents, and pamphlets issued, printed, or published from March 4, 1789, to March 4, 1881, I have the honor to report such as have been issued by this bureau as follows, viz:

1. Memorandum Index for Officers of the Pay Department: This book was printed in 1863.
2. Paymaster's Manual: This book was printed in 1863, and was reprinted with additions in 1864, 1867, 1869, and 1871.
3. Memoranda, Circulars, and Circular Letters of the Paymaster-General: This book was printed in 1875.
4. Stoppage Circular, showing stoppages against officers of the Army: This pamphlet has been printed monthly since 15th August, 1872.
5. Organization of the Pay Department from 1775 to 1876: This pamphlet was printed in 1876.
6. Station-List of Paymasters: This pamphlet printed monthly from August, 1869, until 1876, when it was changed to a quarterly issue.
7. Annual Report of the Paymaster-General to the Secretary of War: This pamphlet printed yearly since 1866.

Perhaps it may be well to add that the foregoing were printed chiefly for the information and guidance of the officers of the Pay Department, and were not intended for general publication.

Very respectfully, your obedient servant,

N. W. BROWN,
Paymaster-General, U. S. A.

The honorable the SECRETARY OF WAR.

OFFICE OF THE CHIEF OF ENGINEERS,
UNITED STATES ARMY,
Washington, D. C., December 16, 1881.

SIR: In reply to your reference, under date of March 26, of Senate resolution of March 24, 1881, calling upon the heads of executive departments for "complete lists of any and all books, reports, documents, and pamphlets issued, printed, or published by their respective departments and by each and every bureau and officer thereof from March 4, 1789, to March 4, 1881," I have the honor to transmit herewith a list of books, reports, &c., printed or published by this office as far as the same can be ascertained from its records.

Except in the case of the professional papers of the Corps of Engineers, there is no complete record in this office of its publications prior to the establishment of the Government Printing Office.

Reports and other papers printed as Congressional documents are not included in the list.

Very respectfully, your obedient servant,

H. G. WRIGHT,
Chief of Engineers, Brig. and Bvt. Maj. Gen.

Hon. ROBERT T. LINCOLN,
Secretary of War.

LIST OF BOOKS, REPORTS, DOCUMENTS, AND PAMPHLETS ISSUED, PRINTED, OR PUBLISHED BY THE OFFICE OF THE CHIEF OF ENGINEERS, UNITED STATES ARMY, FROM MARCH 4, 1789, TO MARCH 4, 1881.

PROFESSIONAL PAPERS OF THE CORPS OF ENGINEERS, UNITED STATES ARMY.

- No. 1. Bitumen: Its varieties, properties, and uses. Compiled from various sources by Lieut. H. Wager Halleck, Corps of Engineers. 8°. pp. 206. Washington, 1841.
- No. 2. A special report on the sea-wall built, in the year 1843, for the preservation of Ram Head, at the northwest end of Lovell's Island, by Col. S. Thayer, Corps of Engineers. 8°. pp. [23]. Washington, 1844.
- No. 3. Sustaining Walls: Geometrical construction to determine their thickness under various circumstances, by Capt. D. P. Woodbury, Corps of Engineers. 8°. pp. [38]. Washington, 1854.
- No. 4. Description of a system of military bridges with India-rubber pontoons. Prepared for the use of the United States Army by Capt. George W. Cullum, Corps of Engineers. Pl. 8°. pp. [143]. New York and Philadelphia, 1849.
- No. 5. An analytical investigation of the resistance of piles to superincumbent pressure, by Bvt. Lieut. Col. James L. Mason, Captain Corps of Engineers. Pl. 8°. pp. 25. Washington, 1850.
- The same: Reprinted. Pl. 8°. pp. 16. Washington, 1881.
- No. 6. Report on the effect of firing with heavy ordnance from case-mate embrasures, and also the effects of firing against the same embrasures with various kinds of missiles, by Bvt. Brig. Gen. Joseph G. Totten, Chief Engineer, U. S. A. 9 pl. 8°. pp. [152]. Washington, 1857.
- No. 7. Treatise on the various elements of stability in the well-proportioned arch, with numerous tables of the ultimate and actual thrust, by Capt. D. P. Woodbury, Corps of Engineers. 8 pl. 8°. pp. [253]. New York, 1858.
- No. 8. Official report to the United States Engineer Department of the siege and reduction of Fort Pulaski, Georgia, February, March, and April, 1862, by Brig. Gen. Q. A. Gillmore, United States Volunteers, captain Corps of Engineers. 12 views and maps. 8°. pp. 96. New York, 1862.
- No. 9. Practical treatise on limes, hydraulic cements, and mortars, by Q. A. Gillmore, A. M., brigadier-general of United States Volunteers, and major Corps of Engineers. 8°. pp. 333. New York, 1863.
- No. 10. Longitude by lunar culminations, by Prof. W. H. C. Bartlett. 4°. Washington, 1845.
- No. 11. On the use of the zenith and equal altitude telescope in the determination of the latitude, by Capt. T. J. Lee, Corps of Topographical Engineers. 4°. pp. 15. Washington, [1848.]
- No. 12. Tables and formulæ useful in surveying, geodesy, and practical astronomy, including the elements for the projection of maps, by Capt. T. J. Lee, Corps of Topographical Engineers. 8°. pp. 94, 95. Washington, 1849.
- The same: 2d edition. 8°. pp. xviii, 242. Washington, 1853.
- The same: And instructions for field magnetic observations. 3d edition, revised and enlarged. 8°. Pp. ix, 310. Washington, 1873.

- No. 13. Report upon the physics and hydraulics of the Mississippi River; upon the protection of the alluvial region against overflow; and upon the deepening of the mouths, by Capt. A. A. Humphreys and Lieut. H. L. Abbot, Corps of Topographical Engineers. 20 pl. and maps. 4°. pp. 456, cxlvi. Philadelphia, 1861.
- The same. Reprinted with additions. 25 pl. and maps. 4°. pp. xxiii, 691. Washington, 1876.
- No. 14. Siege artillery in the campaigns against Richmond, with notes on the 15 inch gun, by Bvt. Brig. Gen. Henry L. Abbot, Major Corps of Engineers. Pl. 8°. pp. 123. Washington, 1867.
- No. 15. On the use of the barometer on surveys and reconnaissances. With an appendix. By R. S. Williamson, Major Corps of Engineers, Bvt. Lieut. Col., U. S. A. Map and 30 pl. 4°. pp. 248, 155. New York, 1868.
- No. 16. Engineer and artillery operations against the defenses of Charleston Harbor in 1863. With a supplement. By Q. A. Gillmore, Major of Engineers, Bvt. Maj. Gen., U. S. A. Pl. and maps. 8°. pp. 314, 172. New York, 1868.
- No. 17. Report on certain experimental and theoretical investigations relative to the quality, form, and combination of materials for defensive armor. By Bvt. Maj. W. R. King, Captain Corps of Engineers. 28 pl. 4°. pp. 107. Washington, 1870.
- No. 18. Report on the geological exploration of the fortieth parallel, by Clarence King, U. S. Geologist. Pl. and illus. 7 vols. 4° and 2 atlases fol. Washington, 1870-'80.
- Vol. I. Systematic geology. pp. x, 803.
 II. Descriptive geology. pp. x, 890.
 III. Mining industry: with atlas. pp. xii, 647.
 IV. Palæontology and ornithology. pp. xii, 669.
 V. Botany. pp. liii, 525.
 VI. Microscopical petrography. pp. xiii, 297.
 VII. Odontornithes. pp. xv, 201.
 Geological and topographical atlas.
- No. 19. Report on béton aggloméré or coignet-béton, and the materials of which it is made, by Q. A. Gillmore, Major Corps of Engineers, Bvt. Maj. Gen., U. S. A. Pl. 8°. pp. 107. Washington, 1871.
- No. 20. A report on the defenses of Washington to the Chief of Engineers, U. S. Army, by Bvt. Maj. Gen. J. G. Barnard, Col. Corps of Engineers. 30 pl. 4°. pp. 152. Washington, 1871.
- No. 21. Report on the fabrication of iron for defensive purposes and its uses in modern fortifications, especially in works of coast defense, by Bvt. Maj. Gen. J. G. Barnard, U. S. A., Bvt. Maj. Gen. H. G. Wright, U. S. A., and Bvt. Lieut. Col. P. S. Michie, U. S. A., Corps of Engineers. With a supplement. Pl. and illus. 4°. pp. 230, 51. Washington, 1871-'72.
- No. 22. Report on the North Sea Canal of Holland, and on the improvement of navigation from Rotterdam to the sea. By Bvt. Maj. Gen. J. G. Barnard, Col. Corps of Engineers. 11 pl. 4°. pp. 77. Washington, 1872.

EXPLORATIONS AND SURVEYS.

Geological report of the exploration of the Yellowstone and Missouri Rivers [Raynolds's, in 1859-'60]. By Dr. F. V. Hayden. [And] Report on the Cretaceous and Tertiary plants. By J. S. Newberry, M. D. Colored map. 8°. pp. ix, 174. Washington, 1869.

- Preliminary report of explorations in Nebraska and Dakota, in the years 1855-'56 and '57. By Lieut. G. K. Warren, Topographical Engineers, U. S. A. [Reprint from Congressional Document.] Maps. 8°. pp. 125. Washington, 1875.
- Report of a reconnaissance of the Black Hills of Dakota, made in the summer of 1874. By William Ludlow, Capt. of Engineers, U. S. A. [And geological report by Prof. N. H. Winchell.] Maps and sections. 4°. pp. 121. Washington, 1875.
- Additional chapters and appendix to report on reconnaissance of North-western Wyoming. By Capt. Wm. A. Jones, Corps of Engineers. 8°. pp. 110. Washington, 1875.
- Report of a reconnaissance of the Missouri River in 1872. By Thomas P. Roberts, Assistant Engineer. Maps and profiles. 8°. pp. 56. Washington, 1875.
- Report of the exploring expedition from Santa Fé, New Mexico, to the junction of the Grand and Green Rivers of the Great Colorado of the West, in 1859, under the command of Capt. J. N. Macomb, Corps of Topographical Engineers. With geological report by Prof. J. S. Newberry. Map and pl. 4°. pp. vii, 152. Washington, 1876.
- Report on explorations across the great basin of the Territory of Utah in 1859. By Capt. James H. Simpson, Corps of Topographical Engineers. Maps and pl. 4°. pp. 518. Washington, 1876.
- Report on a reconnaissance from Carroll, Montana Territory, on the Upper Missouri, to the Yellowstone National Park and return, in 1875. By William Ludlow, Captain of Engineers, U. S. A. Maps and pl. 4°. pp. 155. Washington, 1876.
- Fortieth parallel. See Professional Papers, Corps of Engineers, No. 18.
- Reports on geographical explorations and surveys west of the 100th meridian. By Lieut. George M. Wheeler, Corps of Engineers, U. S. A.:
- Preliminary report upon a reconnaissance through Southern and Southeastern Nevada, made in 1869. 4°. pp. 72. Washington, 1875.
 - Preliminary report concerning explorations and surveys, principally in Nevada and Arizona. Map. 4°. pp. 96. Washington, 1872.
 - Progress report, 1872. Map and pl. 4°. pp. 56. Washington, 1874.
 - Tables of camps, distances, lines of march, &c., explorations and surveys in Nevada and Arizona. Obl. fol. pp. 14. Washington; 1872.
 - Tables containing camps, distances, lines of march, latitudes, longitudes, altitudes, &c., explorations and surveys in Utah, Nevada, and Arizona. Field season of 1872. Map. 4°. pp. 43. Washington, 1873.
 - Report upon the determination of the astronomical co-ordinates of the primary stations at Cheyenne, Wyoming, and Colorado Springs, Colorado, 1872-'73. 4°. pp. 82. Washington, 1874.
 - On the plagiopierinæ and ichthyology of Utah. 8°. pp. 14. [Washington], 1874.
 - Systematic catalogue of Vertebrata of the Eocene of New Mexico, collected in 1874. 8°. pp. 37. Washington, 1875.
 - Preliminary report upon Invertebrate Fossils collected by the expeditions of 1871, '72, and '73, with descriptions of new species. 8°. pp. 27. Washington, 1874.
 - Catalogue of plants collected in 1871, '72, and '73, with descriptions of new species. 8°. pp. 62. Washington, 1874.

Reports on geographical explorations and surveys, &c.—Continued.

Report upon Ornithological specimens collected in 1871, '72, and '73. 8°. pp. 148. Washington, 1874.

Logarithm, traverse, and altitude tables. 8°. pp. 30. Washington, 1875.

Instructions for taking and recording meteorological observations, and for preserving and repairing instruments; prepared for the use of field and astronomical parties of the expeditions. 8°. pp. 64. Washington, 1875.

Barometric hypsometry: instructions. 8°. pp. 88. Washington, 1876.

Catalogue of mean declination of 2,018 stars between 0^h to 2^h and 12^h to 24^h right ascension, and 10° and 70° of north declination for January 1, 1875. 4°. pp. 207. Washington, 1879.

Lists of longitudes, latitudes, and altitudes: being an extract from Vol. II, astronomy and barometric hypsometry. 4°. pp. 22. Washington, 1878.

Field list of time stars. 8°. pp. 13. Washington, 1878.

List of reports and maps of the United States geographical surveys west of the 100th meridian. 8°. pp. 36. Washington, 1878.

*Final Report.**

Vol. II. Astronomy and Barometric Hypsometry. 22 pl. and 3 woodcuts. 4°. pp. xiii, 571. Washington, 1877.

III. Geology. 13 pl. and 171 woodcuts. 4°. pp. 681. Washington, 1875.

IV. Paleontology. 83 pl. 4°. pp. xv, 216, iv, 307. Washington, 1877.

V. Zoölogy. 45 pl. 4°. pp. 1021. Washington, 1875.

VI. Botany. 30 pl. and 1 wood-cut. 4°. pp. xx, 404. Washington, 1878.

VII. Archæology. 20 pl. and 135 text cuts, &c. 4°: pp. xx., 497. Washington, 1879.

MISCELLANEOUS.

Remarks on making and applying concrete. By Capt. A. H. Bowman, Corps of Engineers. 8°. pp. 9. [Washington, 1849.]

Torpedoes: their invention and use from the first application to the art of war to the present time. By W. R. King, Captain of Engineers, U. S. A. Pl. 8°. pp. iv, 98. Washington, 1866.

Design for an improved submarine tunnel, comprising a brick arch within a cast or wrought iron skin, laid in a trench dredged for that purpose. By Lieut. Col. J. G. Foster, Corps of Engineers, Brevet Major-General, U. S. A. Pl. 4°. pp. 8. Washington, 1872.

Reports on experimental firing with modern sea-coast artillery to determine the elements of the trajectory. With supplement on penetration and other effects of shot and shell. Compiled, under the direction of the Chief of Engineers, by Brvt. Major W. R. King, Captain of Engineers, and Major C. B. Reese, Corps of Engineers. Pl. 8°. pp. 62, 27. Washington, 1868.

Report on the blasting operations at Lime Point, Cal., May, 1868. By Maj. George-H. Mendell, Corps of Engineers. 8°. pp. 8. Washington, 1868.

* Volume I is to be printed.

- Report upon the blasting operations at Lime Point, Cal., in 1868 and 1869. By George H. Mendell, Lieutenant-Colonel of Engineers, Brevet Colonel, U. S. A. 1 pl. 8°. pp. 12. Washington, 1880.
- Counterpoise gun-carriages and platforms. By Capt. W. R. King, Corps of Engineers. 16 pl. 4°. pp. 60. Washington, 1869.
- The Corps of Engineers. By Bvt. Col. William P. Craighill, Major of Engineers. 8°. pp. 21. Washington, 1869.
- The Engineer Department. By Bvt. Maj.-Gen. A. A. Humphreys, Chief of Engineers. 8°. pp. 9. Washington, 1869.
- Record of experimental firing at Fort Monroe, Va., and Fort Delaware, Del., November and December, 1868. 8°. pp. 31, and atlas fol. Washington, 1870.
- Organization of the bridge equipage of the United States Army, with directions for the construction of military bridges. Prepared by a board of Engineer officers. 16 pl. 8°. pp. 102, and atlas fol. Washington, 1870.
- Report upon the decay and preservation of timber. By Bvt. Maj. Gen. T. J. Cram, Colonel Corps of Engineers. 8°. pp. 26. Washington, 1871.
- Report upon removal of Blossom Rock, San Francisco Harbor, Cal. By R. S. Williamson, Major of Engineers, and W. H. Heuer, Lieutenant of Engineers, U. S. A. Pl. 4°. pp. 40. Washington, 1871.
- Report upon experiments made by W. H. Hearding to determine the compressive power of pine and hemlock timber. By Major D. C. Houston, Corps of Engineers, U. S. A. 8°. pp. 12. Washington, 1872.
- Description of photographs sent to the Vienna Exposition. 18°. 1873.
- Description of photographic views for the Vienna Exposition. German, French, and English. 18°. 1873.
- Translation of notes accompanying drawings concerning the construction of iron lock gates for the harbors of the Weser River, Germany. By Bvt. Maj.-Gen. G. Weitzel, Major Corps of Engineers, U. S. A. 5 pl. 4°. pp. 8. Washington, 1873.
- Catalogue of the mean declination of 981 stars, between 12^h and 26^h of right ascension and 30° and 60° of north declination, for January 1, 1875. Prepared, under the direction of Bvt. Brig.-Gen. C. B. Comstock, U. S. A., by T. H. Safford. 4°. pp. 52. Washington, 1873.
- Instruction for chiefs of parties on the United States Lake Survey. 12°. 1873.
- Report in reference to the canal to connect the Chesapeake and Ohio Canal with the city of Baltimore: 1838. By Col. J. J. Abert, Chief of the Corps of Topographical Engineers. Map. 4°. pp. 40. [Reprinted from Congressional Document.] Washington, 1874.
- Report on the effects of sea-water and exposure upon the iron-pile shafts of the Brandywine Shoal light-house. By John D. Kurtz, Lieutenant-Colonel of Engineers, and Micah R. Brown, Captain of Engineers. Pl. 4°. pp. 13. Washington, 1874.
- Report on the compressive strength, specific gravity, and ratio of absorption of various kinds of building stone from different sections of the United States, tested at Fort Tompkins, Staten Island, N. Y.. By Bvt. Maj. Gen. Q. A. Gillmore, Lieutenant-Colonel, Corps of Engineers. Pl. 8°. pp. 15. Washington, 1874.
- Report upon the results of firings to determine the pressure of the blast from 15-inch smooth-bore guns, made at Staten Island, N. Y., in 1872-73, by Bvt. Maj. Generals John Newton and Q. A. Gillmore. Pl. 8°. pp. 18. Washington, 1874.
- Method of sinking cribs, devised by D. C. Houston, Major of Engineers, Brevet Colonel, U. S. A. Pl. 4°. pp. 4. Washington, 1874.

- Essay concerning important physical features exhibited in the valley of the Minnesota River, and upon their signification. By Bvt. Maj. Gen. G. K. Warren, Major of Engineers. 5 pl. 8°. pp. i, 22. Washington, 1874.
- Regulations respecting the navigation of channels at the mouth of the Mississippi River. 8°. pp. 8. [Washington,] 1874.
- Laws affecting the Corps of Engineers; 43d Congress, 1st session, 1873-74. 8°. pp. 48. 1874.
- Reports on the construction of the piers of the aqueduct of the Alexandria Canal across the Potomac River at Georgetown, D. C., by Major William Turnbull, Corps of Engineers, U. S. A. 1835-40. 8 pl. 4°. pp. 49. [Reprinted from Congressional Documents.] Washington, 1873.
- Laws affecting the Corps of Engineers. 43d Congress, 2d session, 1874-75. 8°. pp. 39. Washington, 1875.
- List of publications of the Engineer Department, U. S. Army, sent to the International Congress of Geographical Sciences at Paris. 8°. pp. 10. Washington, 1875.
- The Austin-Topolovampo Pacific Railroad Route. Map. 8°. pp. 68. Washington, 1875.
- Description of the plan of improvement successfully adopted upon the river Vistula, in the vicinity of Culm, in Prussia. Translated in the office of the Chief of Engineers. 2 maps. 4°. pp. 6. Washington, 1876.
- List of publications of the Engineer Department, U. S. Army, including reports of explorations, &c., conducted under other branches of the Department of War, exhibited at the International Exhibition, 1876, at Philadelphia. 8°. pp. 27. Washington, 1876.
- Laws relating to public works for the improvement of rivers and harbors, from August 11, 1790, to August 14, 1876. Compiled under the direction of John G. Parke, Major of Engineers, Brevet Major-General, U. S. A. 8°. pp. 251. Washington, 1877.
- Eighth report upon the inspection of the South Pass of the Mississippi River. By Capt. M. R. Brown, Corps of Engineers. Maps. 8°. pp. 45. Washington, 1878.
- Instructions for the survey of the Mississippi River. By Bvt. Brig. Gen. C. B. Comstock, Major of Engineers. 8°. pp. ii, 15. Washington, 1878.
- On the use of the barometer on reconnaissances and surveys, &c., by Lieut. Col. R. S. Williamson, Corps of Engineers. [Compendium of Professional Paper No. 15, Corps of Engineers.] 8°. pp. 49. Washington, 1878.
- Memoir on foundations in compressible soils. By Richard Delafield, Bvt. Maj.-Gen., U. S. A. 8°. pp. 35. [Reprint.] Washington, 1878.
- Report upon specimens obtained from borings made in 1874, by direction of the commission appointed to investigate and report a plan for the reclamation of the alluvial basin of the Mississippi River subject to inundation. By Prof. E. W. Hilgard and Dr. F. V. Hopkins. Pl. 8°. pp. 49. Washington, 1878.
- Report of experiments with the Seely and Bethell processes for the preservation of timber, accompanied by descriptions of these processes and of the Hayford process. By Lieut. Col. Q. A. Gillmore, Corps of Engineers. 8°. pp. 20. Washington, 1879.
- Tables showing difference of level in feet, corresponding to a given angle, when the distance is read in meters or feet; and for horizontal reductions for the use of the stadia. By J. A. Ockerson and J. Teeple, U. S. Lake Survey. 16°. pp. 65. Washington, 1879.

- Second treatise on the decrease of water in springs, creeks, and rivers, contemporaneously with an increase in height of floods in cultivated countries. By Sir Gustav Wex. Translated by G. Weitzel, Major of Engineers, Brevet Major-General, U. S. A. Pl. 8°. pp. 41. Washington, 1880.
- A lecture on the improvement of the Danube, at Vienna. By Sir Gustav v. Wex. Translated by G. Weitzel, Major of Engineers, Brevet Major-General, U. S. A. 8°. pp. 25. Washington, 1880.
- Notes on the strength of hollow brick in arches whose spans are approximately $3\frac{1}{2}$ and $6\frac{1}{2}$ feet. [and] Method of general numerical solution as to both solution of equations and interpolation in series. [and] Condensed tables of the rules to be followed in the application of the different processes of foundations. [and] Condensed rules and tables for obtaining curves of pressure in arches of masonry bridges. By Wm. H. Bixby, Lieutenant of Engineers. In 1 vol. Pl. 8°. pp. 33. Washington, 1880.
- A lecture on the progress of the works of completion of the new improved bed of the Danube at Vienna. By Sir Gustav Wex. Translated by G. Weitzel, Major of Engineers, Brevet Major-General, U. S. A. Pl. 8°. pp. 33. Washington, 1881.
- Analytical and topical index to the reports of the Chief of Engineers and the officers of the Corps of Engineers, United States Army, upon works and surveys for river and harbor improvement, 1866-1879. Compiled, under the direction of Maj. Henry M. Robert, Corps of Engineers, by Louis Y. Schermerhorn, C. E., Samuel O. L. Potter, A. M., M. D., and others. 8°. pp. x, 624. Washington, 1881.

ORDNANCE OFFICE, WAR DEPARTMENT,
Washington, December 1, 1881.

SIR: In compliance with Senate resolution of March 24, 1881, I have the honor to report the following publications printed by or under the authority of the Ordnance Department, viz:

- Regulations for Inspection of Small Arms. 1823.
 Experiments on Gunpower. 1845.
 Artillery for the Land Service. 1849.
 Reports of Experiments with Small Arms. 1856.
 Reports of Experiments on Metals for Cannon. 1856.
 Experiments on Metals for Cannon, and Common Powder. 1861.
 Ordnance Reports, 1812 to 1860, 2 vols.
 Ordnance Manuals. Editions of 1841, 1850, and 1861.
 Ordnance Regulations. Editions of 1834, 1839, 1852, and 1877.
 Ordnance Property Regulations. 1877.
 Ordnance Memoranda. Nos. 1 to 23, inclusive.
 Ordnance Notes. Nos. 1 to 148, inclusive.
 Price Lists of Ordnance and Ordnance Stores. 1873 and 1877.
 Organization of the Ordnance Department and the reasons for its separation from the line of the Army. 1874.
 The Ordnance Department as a portion of the Military Establishment. 1876.
 Annual Reports, 1864 to 1880, inclusive.

Very respectfully, your obedient servant,

S. V. BENÉT,
Brigadier-General, Chief of Ordnance.

The honorable the SECRETARY OF WAR.

WAR DEPARTMENT,
OFFICE OF THE CHIEF SIGNAL OFFICER,
Washington City, October 22, 1881.

SIR: Pursuant to Senate resolution, dated March 24, 1881, "that the heads of each of the executive departments be, and hereby are, directed to report to the Senate at the beginning of the next session of Congress complete lists of any and all books, reports, documents, and pamphlets issued, printed, or published by their respective departments, and by each and every bureau and officer thereof from March 4, 1789, to March 4, 1881," I have the honor to enumerate the following, all of which were prepared at the office of the Public Printer, on requisitions made by this office at the date set opposite—each approved by the War Department.

I am, very respectfully, your obedient servant,

W. B. HAZEN,

Brig. and Bvt. Maj. Gen., Chief Signal Officer, U. S. A.

The honorable the SECRETARY OF WAR,
Washington, D. C.

LIST OF BOOKS, REPORTS, DOCUMENTS, AND PAMPHLETS.

- July 1, 1875.—1, 000 Reports Chief Signal Officer. 1874.
- July 13, 1875.—1, 000 Daily Bulletins for April, 1873.
- July 21, 1875.—1, 000 Daily Bulletins for May, 1873.
- Aug. 25, 1875.—1, 000 Daily Bulletins for June, 1873.
- Sept. 16, 1875.—1, 000 Instructions to Observer Sergeants.
- Oct. 8, 1875.—1, 000 Daily Bulletins for July, 1873.
- Oct. 15, 1875.— 200 Instructions to Observer Sergeants.
- Nov. 9, 1875.— 500 Daily Bulletins for August, 1873.
- Nov. 17, 1875.—1, 000 Reports Chief Signal Officer. 1875.
- Dec. 11, 1875.— 500 Reports Chief Signal Officer. 1873.
- Dec. 22, 1875.— 150 Reports Secretary of War. 1875.
- Feb. 14, 1876.— 500 Daily Bulletins, September, 1873.
- Feb. 14, 1876.— 500 Daily Bulletins, October, 1873.
- May 27, 1876.— 500 Daily Bulletins, January, 1874.
- May 27, 1876.— 500 Reports Chief Signal Officer. 1875.
- Sept. 30, 1876.— 500 Daily Bulletins for February, 1874.
- Sept. 30, 1876.— 500 Daily Bulletins for March, 1874.
- Sept. 30, 1876.— 500 Daily Bulletins for April, 1874.
- Dec. 2, 1876.— 500 Reports Chief Signal Officer. 1876.
- Mar. 29, 1877.— 500 Daily Bulletins for May, 1874.
- Mar. 29, 1877.— 500 Daily Bulletins for June, 1874.
- Mar. 28, 1877.—2, 000 Reports Chief Signal Officer. 1876.
- July 10, 1877.—2, 000 Reports Chief Signal Officer. 1876.
- July 18, 1877.—1, 000 Reports Chief Signal Officer. 1876.
- July 26, 1877.— 500 Daily Bulletins for July, 1874.
- July 26, 1877.— 500 Daily Bulletins for August, 1874.
- Aug. 24, 1877.— 500 Daily Bulletins for September, 1874.
- Aug. 24, 1877.— 500 Daily Bulletins for October, 1874.
- Jan. 7, 1878.— 250 Reports Chief Signal Officer. 1877.
- Feb. 7, 1878.— 500 Daily Bulletins for January, 1875.
- Feb. 7, 1878.— 500 Daily Bulletins for January, 1877.
- Feb. 7, 1878.— 500 Daily Bulletins for February, 1877.
- Feb. 15, 1878.—3, 000 Danger and Distress Signals.

- Mar. 16, 1878.—5,000 Danger and Distress Signals.
 Aug. 20, 1878.— 500 Daily Bulletins for March, 1877.
 Aug. 20, 1878.— 500 Daily Bulletins for April, 1877.
 Oct. 24, 1878.—5,000 Danger and Distress Signals.
 Mar. 31, 1879.— 500 Copies Manual of Signals.
 Nov. 11, 1879.— 450 Daily Bulletins, &c., for July, 1877.
 Nov. 11, 1879.— 450 Daily Bulletins, &c., for August, 1877.
 Dec. 12, 1879.—1,700 Reports Chief Signal Officer. 1879.
 May 21, 1880.— 500 Rain and Dry Winds.
 Sept. 27, 1880.—1,000 Instructions to Observer Sergeants.
 Nov. 5, 1880.— 450 Daily Bulletins, &c., September, 1877.
 Nov. 5, 1880.— 450 Daily Bulletins, &c., October, 1877.

WAR DEPARTMENT,
 PUBLICATION OFFICE WAR RECORDS 1861-'65,
 Washington, December 17, 1881.

SIR: As called for by Senate resolution of March 24, 1881, I have the honor to report that the only publication issued by this office prior to March 4, 1881, was Volume I, Series I, "War of the Rebellion. Official Records of the Union and Confederate Armies."

I am, sir, very respectfully, your obedient servant,

ROBERT N. SCOTT,
Brevet Lieutenant-Colonel, U. S. A

The SECRETARY OF WAR.

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