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Issued October 25, 1912

U. S. DEPARTMENT OF AGRICULTURE.

LIBRARY—BULLETIN No. 76.

CLARIBEL R. BARNETT, LIBRARIAN.

CATALOGUE OF PUBLICATIONS

RELATING TO

FORESTRY

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LIBRARY OF THE UNITED STATES
DEPARTMENT OF AGRICULTURE.

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WITH THE COOPERATION OF THE
FOREST SERVICE.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.

1912.

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1912.



LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE, LIBRARY,
Washington, D. C., February 23, 1912.

SIR: I have the honor to transmit herewith and to recommend for publication as Bulletin No. 76 of the library of the department, a manuscript entitled "Catalogue of the Publications Relating to Forestry in the Library of the U. S. Department of Agriculture." This bulletin supersedes library bulletin No. 24, published in 1898, entitled "List of Publications Relating to Forestry in the Department Library." The present catalogue consists of a classified list and an alphabetical author index. The books have been classified by the Forest Service, which also prepared the scheme of classification. All other work connected with the preparation of the bulletin has been done in the library of the department by Miss Emma B. Hawks, assistant librarian. Owing to the fact that the books have been catalogued as received during the last 16 years, in which time the catalogue rules of the library have undergone many changes, some inconsistencies will be found in the form of entry, but it is hoped that these inconsistencies will not detract from the usefulness of the catalogue.

The present catalogue contains 4,001 entries, as compared with 1,237 in bulletin No. 24. It includes all the books relating to forestry received by the library previous to January 1, 1912, but the entries for periodical and serial publications have been brought up only to the end of 1910.

Respectfully,

CLARIBEL R. BARNETT,
Librarian.

HON. JAMES WILSON,
Secretary of Agriculture.

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INTRODUCTION

The first catalogue of books on forestry in the department library was issued in 1898 as library bulletin No. 24. The books listed in that bulletin were entered alphabetically by authors' names and indexed by subjects. Since that time, the forest literature in this country has enormously increased. The interest in forestry has been greatly intensified and, therefore, the demand for books on forestry has become greater and more specific. There have been so many requests for a new catalogue, which will include all the books on forestry in the department to date, that the present bulletin seems to be almost a necessity.

In this new bulletin the books have been classified by subjects, and arranged, not alphabetically, but in the order of the logical sequence of the different branches of the science of forestry, an arrangement especially adapted to the use of persons who wish to become acquainted with the entire field covered by the subject.

The profession of forestry is still in its infancy, and forestry is practically a new science in this country. In order, therefore, to make this catalogue of the greatest use to forest students, the persons who will probably use it the most at present, the science of forestry has been divided into twenty large groups, which in turn have been subdivided into smaller groups. These large subdivisions are arranged as far as possible according to the principle of serial dependence, a knowledge of each one being necessary before the succeeding ones can be comprehended. Thus, the subdivisions which deal with general topics are placed first, and further on those which deal with specific problems, and which can not be well understood unless there is already a knowledge of the more general subjects. Forest botany and silvics, for example, are placed before forest mensuration and valuation; the latter before silviculture and forest management; and so on.

This catalogue, therefore, is not simply a list of books contained in the library of the Department of Agriculture, but provides also a complete course of reading in forestry. For instance, it would be a very simple matter, by marking different books under each head, to furnish any person wishing to familiarize himself with forestry as a whole, or with any definite branch of forestry, with a list of books which he ought to read. Aside from the educational value of this

arrangement, it is the most natural and logical one, since it shows the dependence of the different branches of forestry upon each other.

In addition to the classified bibliography, an alphabetically arranged author index has been prepared, for the use of those who wish to find books known to them by authors' names, or to ascertain everything the library contains by a certain author. While it has been the aim of the library to secure all of the books on forestry written in English, the bulk of the forest literature is still in German and French.

The titles listed in this bulletin include all of the books and pamphlets on forestry in the department library, but no periodical articles unless reprinted in separate form. This is perhaps the largest collection devoted strictly to forestry in the United States, if not in the world. The latter, however, is a difficult matter to determine, as nearly all foreign bibliographies include books on hunting, fishing, and allied subjects, which are more closely connected with the subject of forestry in Europe than in this country.

HENRY S. GRAVES,
Forester.

CATALOGUE OF PUBLICATIONS RELATING TO FORESTRY IN THE LIBRARY OF THE DEPARTMENT OF AGRICULTURE.

In the case of publications for which printed cards have been issued by the Library of Congress, the serial number to be used in ordering such cards (e. g., 3—14644, Agr 7—1871) is given in small type in the right-hand margin following the entry. All correspondence in regard to cards should be addressed to the Librarian of Congress, Washington, D. C.

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Bruncken, Ernest. A bibliography of forestry in California, compiled in the California state library. 16 p. 8°. Sacramento, 1908. (California—State board of forestry. Circular no. 3)

Edinburgh museum of science and art—*Science and art dept.* List of books, &c., relating to botany and forestry. 199 p. 8°. Edinburgh, 1897.

France—*Administration des forêts.* Catalogue raisonné des collections exposées par l'Administration des forêts. 224 p. pl. 8°. Paris, 1878. (Exposition universelle de Paris en 1878)

Hohenbruck, Arthur von. Oesterreichische land- und forstwirtschaftliche bibliographie. 225 p. 4°. Wien, 1899. (Archiv für landwirtschaft (Beilage zur "Wiener landwirtschaftlichen zeitung") Hrsg. von Hugo H. Hitschmann . . . nr. 35) 3—14644

Jordana y Morera, José, and Vidal y Soler, Sebastian. Apuntes bibliográfico-forestales. 320 p. 8°. Madrid, 1873.

Laurop, Christian Peter. Handbuch der forst- und jagdliteratur; von den ältesten zeiten bis ende des jahres 1828 systematisch geordnet. 443 p. 12°. Erfurt & Gotha, 1830. (Bechstein, J. M., and Laurop, C. P., ed. Die forst- und jagdwissenschaft. theil 15)

Löffelholz-Colberg, Friedrich, i. e. Sigmund Friedrich Eberhard Wilhelm, freiherr von. Forstliche chrestomathie; beiträg zu einer systematisch-kritischen nachweisung und beleuchtung der literatur der forstbetriebslehre und der dahin einschlagenden grund- und hülfswissenschaften. [bd.] 1—3, abt. 1; [bd.] 4—5, abt. 1. 8°. Berlin, 1866—74. 3—27010

Bd. 5, abt. 1, last published.

Newark, N. J.—*Free public library.* List of books on trees & forests in the Newark library. 7 p. 12°. Newark, N. J., 1907. Agr 7—1871

Rehder, Alfred. The Bradley bibliography; a guide to the literature of the woody plants of the world published before the beginning of the twentieth century. Comp. at the Arnold arboretum of Harvard university under the direction of Charles Sprague Sargent. v. 1. Dendrology. pt. 1. 4°. Cambridge, 1911. (Publications of the Arnold arboretum, no. 3)

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Tharandt, K. *Sächsische forstakademie—Bibliothek*. Katalog der bibliothek. 755 p. 4°. Tharandt, 1900. 1—2439

United States—*Dept. of agriculture—Library*. List of publications relating to forestry in the Department library. 93 l. 8°. Washington, 1898. (*Its Bulletin* 24)

1—2320

b. GENERAL WORKS.

Allen, Everett Tyson. Practical forestry in the Pacific northwest; protecting existing forests and growing new ones, from the standpoint of the public and that of the lumberman, with an outline of technical methods. 130 p. 8°. Portland, Ore., 1911.

Agr 11—1755

Issued by the Western forestry & conservation association.

American academy of political and social science, Philadelphia. Conservation of natural resources. 256 p. 4°. Philadelphia, 1909. [The annals of the American academy of political and social science. vol. 33, no. 3] 9—14081

CONTENTS.—pt. 1. Forestry on private lands [by] G. Pinchot. Public regulation of private forests [by] H. S. Graves. Can the states regulate private forests? [by] F. C. Zacharie.—pt. 2. Water as a resource [by] W. J. McGee. Water power in the United States [by] M. O. Leighton. The scope of state and federal legislation concerning the use of waters [by] C. E. Wright. The necessity for state or federal regulation of water power development [by] C. W. Baker. Federal control of water power in Switzerland [by] T. Cleveland.—pt. 3. Classification of the public lands [by] G. W. Woodruff. A summary of our most important land laws [by] K. Nelson. Indian lands: their administration with reference to present and future use [by] F. E. Leupp. The conservation and preservation of soil fertility [by] C. G. Hopkins. Farm tenure in the United States [by] H. Gannett. What may be accomplished by reclamation [by] F. H. Newell. The legal problems of reclamation of lands by means of irrigation [by] M. Bien.—pt. 4. Our mineral resources [by] G. O. Smith. The production and waste of mineral resources and their bearing on conservation [by] J. A. Holmes. Preservation of the phosphates and the conservation of the soil [by] C. R. Van Hise.

Baker, Floyd P. Forestry. (*In* U. S. Commission to the Paris exposition, 1878. Reports. Washington, 1880. 4°. v. 3, p. 389—431) 5—31762-3

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CONTENTS.—abth. 1. Oryktognosie.—abth. 2. Geognosie und geologie.

Bourgeois, C. Forstwirtschaft und forstwirtschaftspolitik. 17 p. 8°. Bern, 1903. (Handwörterbuch der schweizerischen volkswirtschaft. bd. 2. Forstwesen a) Bibliography: p. 17.

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From the Rept. of the Secretary of the Conn. Board of agriculture, 1876.

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California water and forest association. Should the forests be preserved? 48 p. illus. 8°. [San Francisco] 1903.

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Agr 8—1079

Cleveland, H. W. S. The culture and management of our native forests for development as timber or ornamental wood. 16 p. 8°. Springfield, Ill., 1882.

Cleveland, Treadwell, jr. What forestry has done. 31 p. 8°. Washington, 1908. (U. S.—Dept. of agriculture—Forest service. Circular 140) Agr 8—237

Contzen, Heinrich. Ein wort über und für den wald; skizzen aus zwei vorträgen, gehalten in der aula der Königl. polytechnischen schule zu Aachen. Ed. 2. 52 p. 8°. Berlin, 1873.

Cooper, Robert T. Forestry and the survival of the fittest; read before the Undergraduates' agricultural club, St. John's college, Cambridge, December 1, 1902. 16 p. 8°. London, 1902.

Curtis, Charles E. Practical forestry and its bearing on the improvement of estates. Ed. 2. 124 p. 12°. London, 1898.

Dickerson, Mary Cynthia. Trees and forestry: an elementary treatment of the subject based on the Jesup collection of North American woods in the American museum of natural history. 104 p. illus. 8°. New York, 1910. (Guide leaflet series of the American museum of natural history . . . no. 32) 11—16781

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Dorrien, S. von. Forests and forestry, a letter . . . to Verplanck Colvin, esq., superintendent of the Adirondack surveys, on the importance of forests, their management in Germany, with a short review of the historical development of forestry. 45 p. map. 8°. New York, 1879.

Drummond, Andrew Thomas. Forest preservation in Canada. 7 p. 8°. Montreal, 1885.

Printed in advance of the Report of the annual meeting at Boston of the American forestry congress.

Fauchald, Kr. Forestry. 332—350 p. illus. 4°. [Kristiania, 1900] Agr 2—109
Reprint from *Norway* (official publication for the Paris exhibition, 1900), p. 332—350.

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Reprint from the *Forester*.

Fernow, Bernhard Eduard. Forestry in the United States. (*In* Universal exposition, Paris, 1889. Reports of the United States commissioners. v. 5, p. 747—777)

Fernow, Bernhard Eduard. La forêt; conférences . . . à l'École de minéralogie de Kingston, Ont., 26—30 janvier 1903. Publié par le Département des terres et forêts de la province de Québec. 149 p. plates. 8°. Québec, 1906. Agr 10—1647

Fernow, Bernhard Eduard. Our forestry problem. 11 p. 8°. [New York, 1887]

Reprinted from the *Popular science monthly*, Dec. 1887.

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Fernow, Bernhard Eduard. What is forestry? 52 p. 8°. Washington, 1891. (U. S.—Dept. of agriculture—Forestry division. Bulletin no. 5) Agr 9—378

Goube, Ignace Joseph Casimir. Traité de la physique végétale des bois, et des principales opérations forestières, avec le modèle des actes à rédiger; terminé par le tableau des proportions que doivent avoir les bois de construction pour la marine rapportées au calcul décimal. 326 p. 3 fold. tables. 8°. Paris, 1801. Agr 12—2

Hossfeld, Johann Wilhelm. Triumph eines abgelebten dorfschulmeisters über einem rüstigen oberforstprofessor in der forstwissenschaft davon getragen. 98 p. 16°. Hildburghausen, 1822.

Hough, Franklin Benjamin. Familiar talk about trees. 12 p. 8°. Concord, N. H., 1883.

Japan—Dept. of agriculture & commerce—Forest bureau. [Contributions concerning forest investigations] no. 1—3. pl., diagr. 4°. [Tokio, 1905—06]
In Japanese.

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10th-12th, 1904-06, issued combined in 1 vol. Library has no copy of separate reports. 13th-15th, 1907-09, issued combined in 1 vol. (4°). In addition Library has 14th-15th in separate form (8°). The text of the two editions varies somewhat and plates are different.

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1862-73 have title: Verhandlungen des Badischen forst-vereins bei seiner 16.-25. versammlung; 1874-99 have title: Verhandlung des Badischen forst-vereins bei seiner 26.-42. versammlung.

Badischer forst-verein. Statuten des Badischen forst-vereins. 7 p. 8°. Engen, 1863.

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Deutscher forstverein. Tagesordnung der hauptversammlung, 8th-9th, 1907-08. 8°. [Berlin, 1907-08]

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1869-85 have title: Verhandlungen des Pfälzischen forst-vereins bei seiner 1.-11. jahres-versammlung.

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Finska forstföreningen. Meddelanden. bd. 1–26, pt. 3. illus., plates. 8°. Helsingfors, 1879–1909.

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Russia—*Lēsnoï departament.* Ezhegodnik, 1909, v. 1–2. 4° (v. 2, f°) St. Petersburg, 1911.

Report of forest dept.

St. Petersburg. Lēsnoï institut. Izvēstīā. v. 1–4, 18, 20–21. pl. 8°. St. Petersburg, 1886–1910.

Have also supplements to v. 18–19.

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Cape of Good Hope—Dept. of crown lands and public works. Report of the superintendent of woods and forests, 1882-84. f°. Cape Town, 1882-[85] 7-26483

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East Africa Protectorate—Forest dept. Leaflet. no. 2. 8°. Nairobi [1906]

East Indies (Dutch)—Dienst van het boschwezen. Verslag, 1901-10. plates. f°. Batavia, 1902-11.

Each report issued in two parts: deel i. Algemeen verslag.—deel ii. Afzonderlijke verslagen der bosch-districten en houtvesterijen op Java en Madoera.

Hongkong—Botanical and forestry dept. Annual report . . . for 1887, 1892, 1903-07. f°. Hongkong, 1888-1908.

1887-1904, name of department was Botanical and afforestation dept.

India—Ajmer-Merwara—Forest dept. Annual report on the forest administration in Ajmer-Merwara for 1883/84, 1889/90-1907/08, 1909/10. f°. Calcutta, 1884-1910.

Title varies: 1883/84-91/92, 1896/97, Progress report of forest administration in Ajmere-Merwara; 1892/93, Report on the Ajmere-Merwara forest department; 1895/96, Progress report of forest administration in Ajmere.

India—Andaman Islands—Forest dept. Progress report of forest administration in the Andamans for 1889/90-96/97, 1900/01-09/10. f°. [Simla] & Calcutta, 1891-1910.

India—Assam—Forest dept. Progress report of forest administration in the province of Assam for 1889/90-94/95, 1896/97-1904/05. f°. Shillong & Calcutta, 1891-1905.

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India—Baluchistan—Forest dept. Progress report of forest administration in Baluchistan for 1890/91-1909/10. f°. Calcutta, 1891-1911.

India—Bengal—Forest dept. Progress report of forest administration in Bengal for 1889/90. f°. n. p., 1891.

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India—Bombay Presidency—Forest dept. Administration report of the Forest circles in the Bombay presidency, including Sind for 1870/71–75/76, 1890/91–1909/10. f°. Bombay, 1892–1911.

1870/71 has title: Forest report; 1890/91–1903/04 have title: Administration report of the Forest dept., etc.

India—Burma—Forest dept. Progress reports on forest administration in Lower Burma for 1889/90–91/92. f°. Rangoon, 1891–93. 8—12617

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India—Burma—Forest dept. Progress reports on forest administration in Upper Burma for 1889/90–91/92. f°. Rangoon, 1891–93. 8—12618

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India—Central provinces—Forest dept. Report on the forest administration, 1862/63, 1866/67, 1868/69, 1878/79, 1880/81, 1882/83–1909/10. f° (1862/63, 8°) Nagpur, 1864–1911. 8—12647

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India—Eastern Bengal and Assam—Forest dept. Progress report, 1905/06–09/10. maps. f°. Shillong, 1906–10.

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India—Forest dept. Forest pamphlet. no. 1–16. plates. 4°. Calcutta, 1908–10.

India—Forest dept. The Indian forest memoirs. Chemistry series. v. 1, pt. 1–2. plates. sq. f°. Calcutta, 1908–09.

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— — — Forest zoology series. v. 1, pt. 1–3. sq. f°. Calcutta, 1908–10.

India—Forest dept. Indian forest records, Jan. 1908–Nov. 1910. v. 1–2, pt. 3. plates. 4°. Calcutta, 1908–10.

India—Forest dept. Leaflet. Forest zoology series. no. 1–4; Oct. 15, 1908–Dec. 1909. illus. 4°. Calcutta, 1908–09.

India—Forest dept. Reports on the forest administration of the several provinces under the government of India, 1870/71–75/76. f°. Calcutta, 1872–77. 8—12674

India—Forest dept. Review of forest administration in British India for 1879/80–1909/10. f°. Calcutta, 1881–1911.

India—Forest dept.—Survey branch. Progress report of the forest surveys in India for 1882/83–97/98, 1903/04–05/06. f°. Calcutta, 1884–1907.

1882/83–97/98 have title: Progress report of the Forest survey branch.

India—Hyderabad assigned districts—Forest dept. Progress report of forest administration in the Hyderabad assigned districts for 1881/82, 1889/90–92/93, 1897/98–1901/02. f°. Hyderabad, 1882–1902. 8—12620

1881/82 has title: Report on arboriculture in the Hyderabad assigned districts; 1889/90 has title: Progress report of forest administration in Berar.

India—Madras Presidency—Forest dept. Annual administration report for 1870/71–76/77, 1879/80–1909/10. maps. f°. Madras, 1871–1911.

1870/71–71/72 have title: Report of the conservator of forests.

India—Northwestern Provinces and Oudh—Dept. of land records and agriculture. Report on the arboricultural operations, 1892/93–99/1900. f°. Allahabad, 1893–1900.

India—Punjab—Forest dept. Progress report on forest administration in the Punjab for 1889/90–1907/08. f°. Lahore, 1891–1908.

India—United provinces of Agra and Oudh—Forest dept. Annual progress report of forest administration in the Central, Oudh and School circles for 1889/90–1904/05. f°. Allahabad [1891]–1905. 8—18796

1889/90–1900/01, published by the Forest dept. of the Northwestern Provinces and Oudh.

India—United Provinces of Agra and Oudh—Forest dept. Annual progress report of forest administration in the Western and Eastern circles for the forest year 1905/06–07/08, 1909/10. f°. Allahabad, 1906–10.

Natal—Forestry dept. Report, 1902–1903/04. 8°. Pietermaritzburg, 1903–05.

South Africa—Forest dept. Bulletin. 1910, no. 1, 3; 1911, no. 1. 8°. Cape Town, 1910–11.

Straits settlements—Forest dept. Annual report for 1884–86, 1888–95. f°. [n. p.] 1885–96.

No report published for 1887; 1888 has title: Annual reports on the forest departments, Singapore, Penang and Malacca; 1889–95 have title: Annual report on the Botanic gardens and forest department.

Sudan—Woods & forests dept. Annual report, 1904–06. 8°. [Khartoum, 1904]–07.

Transvaal—Conservator of forests. Transvaal forest report. 8°. Pretoria, 1904. Later reports contained in Report of the director of agriculture.

13. AUSTRALASIA.

New South Wales—Dept. of agriculture—Forestry branch. Report . . . for 1902–09/10. plates, fold. map. f°. Sydney, 1903–10. 1902–07/08, issued by Dept. of lands, Forestry branch.

New South Wales—Forest dept. Annual progress reports of state forest administration . . . 1882–86, 1889–92. f°. Sydney, 1884–93.

1882–86 have title: New South Wales—Forest branch, Department of mines. (Annual report)

1889 has title: New South Wales . . . Forest conservancy branch (Report on, for 1889)

Forest reports for 1894–95, 1897 are contained in the report of the Dept. of mines and agriculture, entitled Agriculture and forestry.

South Australia—Forest board. Woods and forests; annual report of the Forest board, with conservator's progress report and appendices for 1878/79–80/81. f°. Adelaide, 1879–81.

Forest board abolished in 1882 and superseded by Woods and forests dept.

South Australia—Woods and forests dept. Annual progress reports upon state forest administration in South Australia for . . . 1881/82–85/86, 1888/89–95/96, 1897/98–1909/10. pl. f°. Adelaide, 1882–1910.

Tasmania—Conservator of forests. Report for the year ending June 30th, 1886–87; 1889–92. plates. f°. [Hobart] 1886–92.

Western Australia—Woods and forests dept. Annual progress report for the financial year 1897/98; by J. Ednie-Brown. map. f°. Perth, 1898.

g. YEARBOOKS AND CALENDARS.

Annuaire des eaux et forêts, contenant le tableau complet . . . du personnel de l'administration des forêts, 1881, 1883–84, 1887–89, 1895–98, 1904–11. année 20, 22–23, 26–28, 34–37, 43–50. pl. 16°. Paris, 1881–1911.

Anuario forestal de España para 1874; publicado por la Revista forestal, económica y agrícola. 16°. Madrid, 1874.

Ehrenkreutz, baron von. Neuer hundertjähriger jagd- und forstkalender, für jeden jäger, fischer, vogelfänger, land-, guts- und gartenbesitzer, pflanzen-, kräuter- und wurzelsammler. 188 p. 12°. Ulm, 1859.

Forst- und jagd-kalender; begründet von Judeich und Schneider . . . bearbeitet von M. Neumeister und M. Retzlaff, 1876, 1881–82, 1898, 1903–04, 1906–11. jahrg. 4, th. 2; jahrg. 9, th. 2; jahrg. 10, th. 2; jahrg. 26, th. 1; jahrg. 31, th. 2; jahrg. 32, th. 1; jahrg. 34–39. 16°. Berlin, 1876–1911.

1876, has title: Deutscher forst- und jagd-kalender. Editors vary somewhat.

Hempel, Gustav, comp. Taschenkalender für den forstwirt für . . . 1903, 1909. v. 22, 28. illus. 16cm. Wien [1902–08]

Jahrbuch der preussischen forst- und jagd-gesetzgebung und verwaltung, 1869-82, 1885-86, 1888-93, 1895-99. v. 1-14, 17-18, 20-25, 27-31. 8°. Berlin, 1869-99.

Pliwa, Ernst. Fachkalender mit vormerk-blättern für holzverarbeitung und holzhandel, 1895. nar. f°. Wien [n. d.]

Polk, R. L., & co., pub. Polk's lumber directory of the United States . . . 2d rev. ed., 1904-05. 1184 p. 8°. Chicago [etc., 1904]

— — — 3d rev. ed., 1907-08. 1614 p. 8°. Detroit, Chicago [etc.] 1907.

Radtke, Richard. Handbuch für den preussischen forster enthaltend sämtliche, die betriebs- und schutzbeamten des staats-, kommunal- und privat-forstdienstes angehenden gesetzte, verordnungen usw. 4., gänzlich neu bearb. und erweiterte aufl. 999 p. 8°. Neudamm, 1908. Agr 8-1097

Webster, Angus Duncan, comp. Webster's forester's pocket diary and note book. For the use of foresters, estate agents, nurserymen, etc. [1904] 24°. London [1903]

h. FOREST PERIODICALS.

Agricultural ledger; special forest series. no. 1. 8°. Calcutta, 1895.

Allgemeine forst- und jagd-zeitung [monthly] Oct. 1832-Dec. 1910. jahrg. [8] (neue folge, jahrg 1)-jahrg. 86. 4°. Frankfurt a. M., 1832-1910.

Wanting 1833-34, 1836-37; 1840, sem. 1; 1857, sem. 1; Jan. 1860.

— — — Supplemente 1866/67-1910. 4°. Frankfurt a. M., 1867-1910.

Supplemente 1866/67-[1891] numbered jahrg. 6, hft. 2-jahrg. 14, hft. 3.

Supplemente [1889] (jahrg. 14, hft. 1)-1910 are: Jahresbericht über veröffentlichungen und wichtigere ereignisse des forstwesens, der forstl. botanik, der forstl. zoologie, der agrikulturchemie und der meteorologie für . . . 1888-1909.

Allgemeine jahrbücher der forst- und jagdkunde. [bd. 1], hft. 1-bd. 4, hft. 2. pl. 8°. Gotha [etc.] 1830-35.

Formed by the union of Neue jahrbücher der forstkunde and Zeitschrift für das forst- und jagdwesen mit besonderer rücksicht auf Bayern.

[Bd. 1], heft 1-2, and bd. 2, heft 2, have also title: Neue jahrbücher der forstkunde, heft 7-9.

[Bd. 1], heft 3, bd. 2, heft 1, and bd. 2, heft 3-bd. 4, heft 2, have also title: Zeitschrift für das forst- und jagdwesen, neue folge, bd. 4-6.

After 1835, both Neue jahrbücher and Zeitschrift drop the title Allgemeine jahrbücher and continue under their individual titles.

American forestry, the magazine of the American forestry association [monthly] Jan. 1895-Dec. 1910. v. 1-16. illus. 8°. Camden, N. J., Washington, D. C., 1895-1910.

Title varies: v. 1, no. 1-3, New Jersey forester, an illustrated bi-monthly journal devoted to forestry; official organ of the South Jersey woodmen's association; v. 1, no. 4-v. 7, Forester; v. 8-9, Forestry and irrigation, official organ of the American forestry association and the National irrigation association; v. 10-14, no. 8, Forestry and irrigation, official organ of the American forestry association; v. 14, no. 9-v. 16, Conservation, official magazine of the American forestry association.

Forestry and irrigation, v. 8, 1902, claims to be a consolidation of The forester and National irrigation, but the latter continues without break in numbering as the National home maker and later The home maker.

American journal of forestry, devoted to the interest of forest tree planting, the formation and care of woodlands, and ornamental planting generally, and to the various economies therein concerned; edited by F. B. Hough [monthly] Sept. 1882-Sept. 1883. 8°. Cincinnati, O., 1882-83.

Ceased publication, Sept. 1883.

Annalen der forst- und jagd-wissenschaft. bd. 1, heft 3-4; bd. 2, heft 1-2. 12°. Darmstadt, 1811-12.

Bd. 1 ed. by C. W. J. Gatterer and C. P. Laurop; bd. 2 ed. by C. P. Laurop.

Annales forestières et métallurgiques. t. 1-5, 1842-46; t. 6-9 (2. sér., t. 1-4) 1847-50; t. 10-20, 1851-61; nouv. période, t. 1-4, 1862-65. plates. 8°. Paris [1842]-65.

1842-54 have title: Annales forestières.

2-11940-2

Merged into Revue des eaux et forêts in 1866.

Arbrciculture; a journal of the forests, Sept. 1902–Oct. 1909. v. 1–8. illus. 8°. Connorsville, Ind., 1902–09.

Published irregularly. Ceased publication.

Aus dem walde; mittheilungen in zwanglosen heften. hft. 1–10. illus., pl. 8°. Hannover, 1865–81.

Ed. by Heinrich Burckhardt.

Beiträge zur kenntniss des forstwesens in Deutschland. hft. 1–4. 8°. Leipzig, 1819–21.

Canadian forestry journal . . . published at Ottawa by the Canadian forestry association [quarterly] Jan. 1905–Dec. 1910. v. 1–6. illus. 8°. Ottawa, 1905–10.

Centralblatt für das gesammte forstwesen [monthly] Jan. 1875–Dec. 1910. v. 1–36. illus. 8°. Wien, 1875–1910.

Chronik des deutschen forstwesens in den jahren 1873–88. jahrg. 1–14. 8°. Berlin, 1876–89.

Erdészeti lapok, as Országos erdészeti egyesület közlönye [semi-monthly] Jan. 1, 1909–Dec. 15, 1910. v. 48–49. illus. 8°. Budapest, 1909–10.

Forest and stream; a weekly journal of the rod and gun, Aug. 14, 1873–Aug. 6, 1874; Feb. 10, 1876–Jan. 31, 1878; Aug. 8, 1878–Jan. 30, 1879; Feb. 2, 1882–Jan. 25, 1883; Jan. 29, 1885–Dec. 31, 1910. v. 1–2, 6–9, 11, 18–19, 24–75. f°. New York [1873–1910]

Have incomplete copies of v. 10, 14–17, 20–23. Title varies: v. 8, no. 1–15, *Forest and stream*, devoted to outdoor recreation and study; v. 8, no. 16–v. 18, *Forest and stream and Rod and gun*. The American sportsman's journal.

May 3, 1877 (v. 8, no. 13) absorbed *Rod and gun*.

Forest, fish, and game [bi-monthly] Apr. 1907–Nov. 1910. v. 1–3, no. 5. illus. 8°. [Athens, Ga., 1907–10]

Wanting v. 3, no. 2.

Vol. 3 pub. irregularly.

Vol. 1–2 have title: *Southern woodlands*.

Forest leaves; published bi-monthly by the Pennsylvania forestry association, July, 1886–Dec. 1910. v. 1–12. pl. 8°. Philadelphia, 1886–1910.

Vol. 1 published irregularly; v. 2, no. 1–v. 3, no. 8, published monthly.

Wanting v. 7, no. 1, Feb. 1899.

Forestry; a journal of forest and estate management, May, 1883–April, 1886. v. 7–11. illus. pl. 8°. London [1884–86]

Vol. 7–8, title reads, *Forestry*; a magazine for the country.

Vol. 1–6 published under the title of *Journal of forestry*, q. v.

Edited by F. G. Heath.

Forestry bulletin, May, 1884–Jan. 1885. no. 1–3. 8°. New York, 1884–85.

Forestry quarterly, Oct. 1902–Dec. 1910. v. 1–8. 8°. Ithaca, N. Y., 1902–10.

Vol. 1 published under the direction of a board of advisers of the faculty and alumni of the New York state college of forestry.

Forst- und jagd-archiv von und für Preussen. jahrg. 4, heft 1–2. pl. 8°. Leipzig, 1819.

Hrsg. von G. L. Hartig.

Forstlich-naturwissenschaftliche zeitschrift; zugleich organ für die laboratorien der forstbotanik, forstzoologie, forstlichen chemie, bodenkunde und meteorologie in München [monthly] Jan. 1892–Dec. 1898. v. 1–7. illus., pl. 8°. München, 1892–98.

Ed. by Carl von Tübeuf.

Forstliche blätter; zeitschrift für forst- und jagdwesen, 1861–June, 1892. hft. 1–16 ([jahrg. 1–8]); neue folge, jahrg. 1–folge 3, jahrg. 16 (jahrg. [9]–29) 8° & 4° (hft. 1–16, 8°, jahrg. [9]–29, 4°) Berlin, 1861–92.

No numbers published in 1869, 1870 & 1871.

Ceased publication in June, 1892.

Forstliche blätter für Württemberg. hft. 5, 8. 8°. Tübingen, 1831-42.
Ed. by W. Widenmann.

Forstliche mittheilungen. bd. 1-3 (hft. 1-12) 1836-47. pl. 8°. Stuttgart, 1838-47.
Hft. 1-8, 11-12, ed. by W. H. Gwinner; hft. 9-10 by H. G. Gwinner.

Forstliche mittheilungen aus Baden. hft. 1. pl. 8°. Karlsruhe, 1857.

Forstliche zeitschrift. bd. 1, hft. 1-3; bd. 2, hft. 1-3. 12°. Carlsruhe, 1838-43.

Forstliches jahrbuch für Oesterreich-Ungarn, 1880-82. jahrg. 1-3. 8°. Wien [n. d.]
Ed. by Josef Wessely.

Forstwirthschaftliches jahrbuch; herausgegeben von der Königlich sächsischen akademie für forst- und landwirth zu Tharand. v. 1-5. illus. 8°. Dresden, 1842-48.

For later volumes, see Tharander forstliches jahrbuch.

Forstwissenschaftliches centralblatt [monthly] 1857-1910. v. 1-54 (n. s., v. 31) 8°. Stuttgart & Berlin, 1857-1910.

Title varies: v. 1,[3]: Monatschrift für das forst- und jagdwesen mit besonderer berücksichtigung von Süddeutschland; v. [4]-22: Monatschrift für das forst- und jagdwesen.

Editors, v. 1, Dr. v. Gwinner; v. [2-9] L. Dengler; v. [10]-40, Franz Baur; v. 41-54, Hermann Fürst.

— Supplemente. no. 1-3. 8°. Stuttgart, 1869-70.

Garden and forest; a journal of horticulture, landscape art, and forestry [weekly] Feb. 29, 1888-Dec. 29, 1897. 10 v. illus. f°. New York, 1888-97. 5-40093

No more published.

Ed. by C. S. Sargent.

Giornale di economia forestale ossia Raccolta di memorie lette nel R. Istituto forestale di Vallombrosa. v. 1. 4°. Firenze, 1871-72.

Ed. by Adolfo di Bérenger.

Hawaiian forester and agriculturist [monthly] Jan. 1904-Dec. 1910. v. 1-7. 8°. Honolulu, 1904-10.

Indian forester; a monthly magazine of forestry, agriculture, shikar, and travel, July 1882-Dec. 1886, Jan. 1889-Dec. 1910. v. 8-12, 15-36. 8°. Allahabad [etc.] 1882-1910.

Wanting v. 9, no. 6; v. 10, no. 11, 12; v. 11, no. 1-2.

Jahresbericht über die leistungen und fortschritte in der forstwirtschaft . . . herausgegeben von . . . Saalborn, 1879-88. jahrg. [1]-10. 8°. Frankfurt a. M., 1880-89.

Jahrg. 10 being Bericht über die leistungen und fortschritte im waldbau für die zehn jahre 1879-88 . . . von Saalborn.

Jahresberichte über die fortschritte der forstwissenschaft und forstlichen naturkunde . . . 1836 und 1837. jahrg. 1, hft. 1-3. 8°. Berlin, 1837-39.

Hrsg. von Theodor Hartig.

Journal of forestry and estates management; a monthly illustrated magazine devoted to the science and practice of arboriculture and the general management of estates, May, 1877-April, 1883. v. 1-6. illus., pl. 8°. London, 1878-83.

Vol. 6, title reads Journal of forestry and estate management. Later volumes published under the title Forestry, q. v.

Vol. 6 ed. by F. G. Heath.

Kritische blätter für forst- und jagdwissenschaft. bd. 3-13, bd. 48, hft. 2-bd. 52. 8°. Leipzig, 1825-70.

Лѣсной журнал, изданіе Лѣснаго обшчествa в С. Петербургѣ, 1873, 1877, 1881-88, 1890-96, 1899-1910. v. 3, 7, 11-18, 20-26, 29-40. 8°. S.-Peterburg, 1873-1910.
Forestry journal published by the Forestry society of St. Petersburg.

Vol. 3, 7, 16-34, bi-monthly; v. 11-15 have 12 numbers a year; v. 35-40 have 10 numbers a year.

— Index bibliographique des principaux articles contenus dans le Journal forestier, période des 28 années, 1871-98. 104 p. 8°. St.-Petersbourg, 1900.

Лѣсopомышлennyй вѣстник [weekly] Jan. 4, 1901-Dec. 1910. v. 3-12. f°. Moskva, 1901-10.

Incomplete.

Bulletin of forest industry.

Literarische berichte für forstmänner, von W. Widenmann. bd. 1, bericht 1-5. 8°. Tübingen, 1822-33.

Minnesota forester [monthly] Oct. 1909-Dec. 1910. v. 2, no. 10-v. 3. illus. 8°. St. Anthony Park, Minn., 1909-10.

Official bulletin of the Minnesota forestry association.

Mündener forstliche hefte, herausgegeben in verbindung mit den lehrern der forstakademie Münden von W. Weise. heft 1-17. 8°. Berlin, 1892-1901.

No more published.

Neue jahrbücher der forstkunde. heft 1-17, 19-33, 35, 37; 2te folge, jahrg. 2, heft 1-3; jahrg. 5, heft 1-2. pl. 8°. Mainz, etc., 1828-55.

Hefte 7-9 have also the title *Allgemeine jahrbücher der forst- und jagdkunde*, heft 1-2; bd. 2, heft 2; which journal was formed by the union of the above and the *Zeitschrift für das forst- und jagdwesen*, mit besonderer rücksicht auf Bayern.

For further information, see *Allgemeine jahrbücher and Zeitschrift für das forst- und jagdwesen*.

Hrsg. von G. W. von Wedekind.

Nuova rivista forestale pubblicata per cura dei professori dell' Istituto forestale di Vallombrosa [bi-monthly] Sept. 1882-Dec. 1884. v. 5, no. 5-v. 7. 8°. Firenze, 1882-84.

Discontinued Dec. 1884.

Wanting v. 7, no. 1, Jan.-Feb. 1884.

Oesterreichische forst- und jagdzeitung; illustirtes wochenblatt für forstwirthschaft und holzhandel, holzindustrie, jagd und fischerei, Jan. 1883-Dec. 1910. jahrg. [1]-28. illus. f°. Wien, 1883-1910.

1883-94, title reads, *Oesterreichische forstzeitung*; illustrierte zeitung für forstwirthschaft und holzhandel, jagd und fischerei.

Oesterreichische vierteljahresschrift für forstwesen; herausgegeben vom Oesterreichischen reichsforstvereine, 1851-1910. v. 1-58. illus., pl. 8°. Wien, 1851-1910.

Vol. 21-32 published under the title *Oesterreichische monatschrift für forstwesen*.

Quarterly journal of forestry . . . including transactions of the Royal English arboricultural society and the Irish forestry society, Jan 1907-Oct. 1910. v. 1-4. illus. 8°. London, 1907-10.

Revista de montes [semi-monthly] Feb. 1, 1877-Dec. 15, 1877; Oct. 1, 1880-Dec. 1, 1884. v. 1, v. 4, no. 89-v. 8, no. 189. 8°. Madrid, 1877-84.

1881 and 1884 incomplete.

Revista forestal, económica y agrícola. v. 1-7. 8°. Madrid, 1868-74.

Revue des eaux et forêts [semi-monthly] Nov. 1882-May 1884, 1885, 1887-1910. v. 21, no. 11-v. 23, no. 5, v. 24, 26-49. 8°. Paris, 1882-1910.

— *Répertoire de législation et de jurisprudence forestières.* v. [18]-22. 8°. Paris, 1892-96.

Wanting 1892, no. 4; 1893, no. 8, 24; 1894, no. 2.

The alternate numbers of *Revue des eaux et forêts* have the title *Répertoire de législation*.

1892 of *Répertoire* is numbered on cover v. 31, being the vol. no. of the *Revue* for that year.

— 1. *Table alphabétique des matières et des noms d'auteurs.* 2. *Table chronologique des jugements et arrêts, lois, arrêtés et décisions.* 2. et 3. séries, années 1887-1902. 110 p. 4°. Paris, 1903.

Revue forestière de France [monthly] Jan. 1907-Dec. 1910. v. 2-5. 4°. Paris, 1907-10.

Schweizerische zeitschrift für das forstwesen. Organ des Schweizerischen forstvereins. v. [17]-61; 1866-1910. illus. 8°. Lenzburg [etc.], 1866-1910.

Skogvårdsföreningens folkskrifter; utgifna af Föreningen för skogsvård, Stockholm, 1905-10. no. 1-24. 8°. Stockholm, 1905-10.

Wanting no. 14.

Skogvårdsföreningens tidskrift . . . utgifven af Föreningen för skogsvård, Jan. 1903-Dec. 1910. v. 1, no. 1-2, 4-12, v. 2, no. 12-v. 8. illus. 4°. Stockholm, 1904-10.

Tharander forstliches jahrbuch; in vierteljahresheften herausgegeben unter mitwirkung der lehrer an der Königlich sächsischen forstakademie. v. 1-61, hft. 2. illus., pl. 8°. Dresden, 1842-1910.

Wanting v. 6, 7.

Title varies: v. 1-5, Forstwirtschaftliches jahrbuch, herausgegeben von der Kön. sächsischen akademie für forst- und landwirth zu Tharand; v. 8-15, Jahrbuch der Kön. sächsischen akademie für forst- und landwirth zu Tharand; v. 17, Tharander jahrbuch; zugleich festschrift zum 50jährigen jubiläum der akademie, 1866.

— Supplemente. v. 1-2, hft. 1, 4-6. 8°. Dresden, 1878-90.

Vereinsschrift für forst-, jagd- und naturkunde, 1849-96/97, hft. 2. hft. 1-202. pl. 8°. Prag, 1849-96.

Wanting hft. 104, 116.

Hft. 1-52, hrsg. von dem Vereine böhmische forstwirthe; hft. 53-145, hrsg. vom Böhmische forstvereine; hft. 146-202, Organ der Forstlichen landesversuchsstelle für das königreich Böhmen.

Hft. 1-52, published irregularly; hft. 53-120, quarterly; hft. 121-202, bi-monthly; hft. 121-202 have also title, Spolkový časopis pro lesnictví, myslivost a přírodovědu.

Woodland and roadside; a journal of New England forestry; official bulletin of the Massachusetts forestry association; published monthly except in August, September and October, Mar. 1902-Dec. 1910. v. 1-8, no. 9. 8° (v. 1-4, 4°) Boston, 1902-10.

Wanting v. 7, no. 5.

Vol. 1-4, quarterly.

No more published.

Zeitschrift für das forst- und jagdwesen mit besonderer rücksicht auf Bayern. bd. 1-neue folge, bd. 10. pl. 8°. Bamberg [etc.] 1823-29.

Wanting neue folge, bd. 3, hft. 2-4; neue folge, bd. 4, hft. 4.

Bd. 1 has title, Neue zeitschrift für das forst- und jagdwesen in Bayern.

Neue folge, bd. 4-6, have also title, Allgemeine jahrbücher der forst- und jagdkunde, with volume numbers as follows: [bd. 1], hft. 1-bd. 4, hft. 2.

The latter periodical was formed by the union of the Zeitschrift für das forst- und jagdwesen mit besonderer rücksicht auf Bayern and the Neue jahrbücher der forstkunde.

From neue folge, bd. 7, the periodical was again published under the single title, Zeitschrift für das forst- und jagdwesen mit besonderer rücksicht auf Bayern.

Zeitschrift für forst- und jagdwesen . . . hrsg. in verbindung mit den lehrern der Forstakademie zu Eberswalde, sowie nach amtlichen mittheilungen . . . [monthly] 1869-1910. v. 1-42. pl. 8°. Berlin, 1869-1910.

Editors: 1869-1900, Bernhard Danckelmann; 1901, Laspeyres; 1902-date, Paul Riebel.

— Gesamtregister für band 1 bis 20, 1869-88. 57 p. 8°. Berlin, 1889.

i. LUMBER AND TRADE JOURNALS.

American lumberman [weekly] Jan. 7, 1899-Dec. 31, 1910. no. 1233-1859. illus. f°. Chicago [1899-1910]

Formed by the union of Northwestern lumberman and Timberman.

Barrel and box, a monthly package, Jan. 1902-Dec. 1910. v. 6, no. 11-v. 15, no. 10. f°. Louisville [1902-10]

Wanting v. 7, no. 5.

Canada lumberman [semi-monthly] Jan. 1904-Dec. 1910. v. 24-30. f°. Toronto [1904-10]

Wanting v. 25, no. 3; v. 30, no. 13, 19.

1904-Oct. 1907, monthly.

Carriage and wagon builder, horse-drawn and self-propelled [monthly] Apr. 1906-Dec. 1910. v. 1-10, no. 3. f°. Philadelphia, 1906-10.

Vol. 1-2, no. 3, Apr.-Dec. 1906, have title: Wagon builder, and were published in New York.

Gummi-zeitung. Fachblatt für die gummi-, gutta-percha- und asbest-industrie sowie alle hilfs- und nebenbranchen, mit der monatsbeilage "Die celluloid-industrie" [weekly] Oct. 1, 1901-Dec. 30, 1910. v. 16-25, no. 13. illus. f°. Dresden, 1902-10.

Jan. 30, 1903-date, "Marktberichte" issued as supplement with each number.

Wanting v. 18, no. 36; Die celluloid-industrie, v. 16, no. 11; v. 23, no. 22; Marktberichte, v. 17, no. 24, 31, 41; v. 19, no. 47; v. 20, no. 2, 20; v. 21, no. 8, 15, 21; v. 22, no. 1, 8, 21, 26; v. 23, no. 2, 7, 22, 23, 30, 49-50.

Hardwood, a journal of the hardwood-lumber trade [semi-monthly] Jan. 25, 1892-July 10, 1897. v. 1-11 (no. 132) 8°. Chicago, 1892-97.

United in 1897 with Hard wood record to form Chicago hardwood record, which changed its title in April, 1902, to Hardwood record.

Hardwood record [bi-weekly] Aug. 14, 1897-Dec. 25, 1910. v. 4, no. 9-v. 31, no. 5. illus. f° (v. 4-13, 4°) Chicago, [1897-1910]

Wanting v. 5, no. 12; v. 6, no. 2, 5; v. 8, no. 1; v. 9, no. 11.

Vol. 4-13, 1897-Apr. 5, 1902, have title: Chicago hardwood record. This was formed in 1897 by the union of Hardwood and Hardwood record.

India-rubber & gutta-percha and electrical trades journal [bi-weekly] Feb. 1, 1904-Dec. 26, 1910. new ser., v. 27, no. 3-v. 40. 4°. London, 1904-10.

Wanting v. 35, no. 3.

India rubber world [monthly] Oct. 10, 1897-Dec. 1910. v. 17-41, no. 3. illus. 4°. New York [1897-1910]

Lumber review [semi-monthly] Jan. 1906-Dec. 1910. v. 16-20. f°. Chicago, 1906-10.

1906-Aug. 1907, monthly.

Lumber trade journal [semi-monthly] Jan. 1, 1899-Dec. 15, 1910. v. 34-58. f°. Chicago & New Orleans [1899-1910]

Lumberman's review [monthly] Jan. 1904-Dec. 1910. v. 12, no. 137-v. 19, no. 220. f°. New York, 1904-10.

New York lumber trade journal [semi-monthly] Jan. 2, 1893-Dec. 15, 1910. v. 14-49 (no. 157-588) illus. f°. New York, 1893-1910.

1896, 1898, 1901-03 incomplete.

Northwestern lumberman [weekly] Jan. 7, 1893-Dec. 31, 1898. v. 21-[26] illus. f°. Chicago, 1893-98.

Incomplete.

1896 is Eastern ed.

United with Timberman to form American lumberman.

Pacific lumber trade journal, devoted to the lumber interests of the West and Pacific coast [monthly] Nov. 1900-Dec. 1910. v. 6, no. 4-v. 16, no. 8. illus. f°. Seattle, Wash. [1900-10]

Paper and pulp, a fortnightly journal devoted to the interests of the paper, pulp, and allied trades, Jan. 1, 1902-Dec. 15, 1905, Jan. 1906. v. 7-9, 11, no. 1. 8°. London, 1902-06.

Wanting v. 7, no. 19, 20; v. 9, no. 23.

In Feb. 1906, was incorporated with Paper making.

Paper makers' monthly journal, Jan. 15, 1902-Dec. 15, 1910. v. 40-48. 4°. London, 1902-10.

Paper making . . . with which is incorporated Paper and pulp and Wood pulp [monthly] Feb. 1906-Dec. 1910. v. 25, no. 2-v. 29. illus. 8°. London, 1906-10.

Paper mill and wood pulp news; a journal of news and practical information about machinery and supplies for paper makers [weekly] Jan. 1901-Dec. 1910. v. 24-33. illus. f°. New York, 1901-10.

Paper trade journal [weekly] v. 22-30; Jan. 7, 1893-May 3, 1900; v. 38, no. 2-v. 51; Jan. 14, 1904-Dec. 29, 1910. illus. f° & 4°. New York, 1893-1910.

Vol. 24-26, 38-40 incomplete.

Der Papier-fabrikant; zeitschrift für die papier-, pappen-, holz-, stroh- und zellstoff-fabrikation [weekly] Jan. 1909-Dec. 1910. v. 7-8. illus. 4°. Berlin, 1909-10.

Papier-zeitung; fachblatt für papier- und schreibwaren-handel und -fabrikation, buchbinderei, druck-industrie, buchhandel, Jan. 1902-Dec. 1910. v. 27-35. f°. Berlin, 1902-10.

Pennsylvania lumberman [monthly] Nov. 1906-Dec. 1910. v. 4, no. 7-v. 8, no. 91. f°. Scranton, Pa., 1906-10.

Pioneer western lumberman [semi-monthly] Jan. 1893-Dec. 1910. v. 19-54. illus. f°. San Francisco [1893-1910]

Vol. 20-29 incomplete.

Vol. 19-52, 1893-1909, have title: Pacific coast wood and iron; v. 19-50, monthly.

Puget Sound lumberman [monthly] Oct. 1893-Feb. 1896. v. 4, no. 8-v. 7. illus. 4°. Tacoma, Wash., 1893-96.

Wanting v. 6, no. 12; v. 7, no. 4.

United with West coast lumberman to form West coast and Puget Sound lumberman.

Vol. 4 ends Feb. 1894; v. 6 begins Mar. 1894.

Pulp and paper magazine of Canada [monthly] Jan. 1904-Dec. 1910. v. 2-8. illus. 8°. Toronto, 1904-10.

St. Louis lumber reporter [semi-monthly] Nov. 5, 1904-Dec. 20, 1905. v. 2, no. 45-v. 4, no. 65. 4°. St. Louis, 1904-05.

Ceased publication in July, 1906.

St. Louis lumberman [semi-monthly] Jan. 1892-Dec. 15, 1910. v. 9-46. illus. f°. St. Louis [1892-1910]

Vol. 9-30, monthly.

Vol. 10, 21, 23, 30, incomplete; v. 31-32 wanting.

Southern industrial and lumber review [monthly] Aug. 1903-Dec. 1910. v. 11-18, no. 5. illus. f°. Houston, Tex. [1903-10]

Cover-title reads: "Southwest"; southern industrial and lumber review.

Southern lumber journal [semi-monthly] Dec. 1, 1905-Dec. 15, 1910. v. 16, no. 9-v. 26. f°. Norfolk, 1905-10.

Norfolk edition.

Incomplete.

Southern lumberman [weekly] Jan. 1, 1893-Dec. 31, 1910. v. 23-61 (no. 267-797) illus. f°. [Nashville, 1893-1910]

Vol. 23-52, no. 616, 1893-July 13, 1907, semi-monthly.

Vol. 31 ends May, 1897; v. 33 begins June, 1898; v. 37 has only one number.

Vol. 23, 33-34, 44, 54, incomplete. Many numbers mutilated.

Spokesman [monthly] Jan. 1907-Dec. 1910. v. 23-26. f°. Cincinnati, 1907-10.

Timber news and saw mill engineer [weekly] Feb. 22, 1896-Jan. 29, 1898; Nov. 18, 1905-Apr. 18, 1908. no. 153-254 (v. 9-14); no. 661-787. f°. Liverpool [etc.] 1896-1908.

1896-98, incomplete.

No. 153-215, Feb. 22, 1896-May 1, 1897, have title: Timber news and saw mill engineer and builders' directory; no. 216-254, May 8, 1897-Jan. 29, 1898, have cover-title: London and Liverpool timber news and saw mill engineer.

Vol. 10 ends Dec. 1896; v. 12 begins Jan. 1897.

Timber trades journal and saw-mill advertiser [weekly] Oct. 23, 1897-Dec. 23, 1899; Jan. 2, 1904-Dec. 31, 1910. v. 43-48 (no. 1104-1226) v. 56-68 (no. 1427-1792) f°. London, 1897-1910.

Vol. 43-48, 57, incomplete.

Timberman [weekly] Jan. 7, 1893-Dec. 31, 1898. v. 14-25. illus. f°. Chicago, 1893-98.

Vol. 14-22, incomplete.

United with Northwestern lumberman to form American lumberman.

Timberman, devoted to the lumber interests of the Pacific coast [monthly] Sept. 1900–Dec. 1910. v. 1, no. 11–v. 12, no. 2. illus. f°. Portland, Ore. [1900–10]

Wanting v. 3, no. 5.

Vol. 1, no. 11–v. 6, no. 2, have title: Columbia River and Oregon timberman.

West coast lumberman [monthly] Mar. 1896–May 1898; Oct. 1903–Dec. 1910. v. 7–9 (no. 78–104) v. 15–22, no. [3] (no. 169–254) f°. Tacoma, 1896–1910.

Wanting v. 9, no. 103; v. 15, no. 170–171.

Formed by the union of West coast lumberman and Puget Sound lumberman.

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Wooden and willow-ware trade review [semi-monthly] May 25, 1905–Dec. 22, 1910. v. 27, no. 6–v. 38, no. 8. 4°. New York, 1905–10.

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Burrows, A. J. Science for foresters; or, A practical introduction to chemistry, geology, vegetable physiology and botany, as aids in the selection of sites and soils, and the profitable growth of trees. 72 p. sq. 16°. London, 1884. (Forestry handbooks. no. 2)

Davis, William Morris. Elementary meteorology. 355 p. 8°. Boston, 1894.

Grothe, Otto. Sammlung von forstlichen rechenaufgaben, mit berücksichtigung des praktischen bedürfnisses für forstlehrlinge zur vorbereitung auf die jägerprüfung. 62 p. 8°. Berlin, 1881.

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Haberlandt, Friedrich. Compendium für den arithmetischen unterricht, mit besonderer anwendung auf die verhältnisse der land- und forstwirtschaft. 244 p. 8°. Wien, 1858.

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