

U.B.C. LIB. IN

Z 577.2 . 36

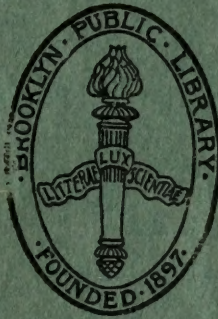
Trees, Forestry and Lumbering

A List of Books *38-83-11*

and of References to Periodicals

in the

Brooklyn Public Library



DRAGE-ITEM
MILLAN
-G28D
U.B.C. LIBRARY

Published by
THE BROOKLYN PUBLIC LIBRARY
Brooklyn, New York
1911

D 373
6
11

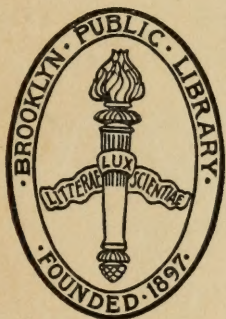
THE LIBRARY



THE UNIVERSITY OF
BRITISH COLUMBIA

ees, Forestry and Lumbering

A List of Books
and of References to Periodicals
in the
Brooklyn Public Library



Published by
THE BROOKLYN PUBLIC LIBRARY
Brooklyn, New York
1911

PREFACE

This list comprises a selection of the books on trees, forestry, and related subjects in the Brooklyn Public Library, and a selection of articles in recent periodical literature which deal with these subjects.

Many of the older books of course contain information which was of value in their day, but they have been for the most part superseded by later books, which present the results of the advance of knowledge, and so they have ceased to be of interest or value to the reader of to-day. It is, therefore, of the more modern books that this list is mainly made up, but a few old books, such as Evelyn's *Sylva* and Michaux's and Nuttall's *North American sylva*, have been included, because of their monumental character, historical interest, or the like.


The arrangement of the first part, that devoted to books, is alphabetical by authors under a number of subjects.

Books whose numbers are preceded by **R** do not circulate; with the exception of these, any of the books listed may be obtained through any branch.

Those books whose numbers are preceded by **J** are written especially for children.

In cases in which the Library has more than one edition of a work, usually only the latest one in the Library is mentioned.

The list of references to periodicals is arranged alphabetically by titles under two headings.



Digitized by the Internet Archive
in 2010 with funding from
University of British Columbia Library

PART I. BOOKS.

Trees, their botany, description and identification.

A. United States and especially the northeastern states.

Apgar, A. C. Trees of the Northern United States. [c1892.]
582A64

"Their study, description and determination for the uses of schools and private students." Part I deals with the essential organs and the terms needed for description of the trees; Part II with a plan and models for tree description; Part III, by far the largest portion of the book, consists of a key and classification and of description of the species. Not only native species but successfully cultivated ones are included.

Bailey, L. H. and Miller, W. Cyclopedia of American horticulture. 4 v. 1900-02. R716B15C
Ed. 4. 6 v. R716B15C6

Contains technical descriptions of the species and varieties of trees (under their genus names), with information as to the planting and growing of cultivated ones.

Britton, N. L. and Shafer, J. A. North American trees; being descriptions and illustrations of the trees growing independently of cultivation in North America, north of Mexico and the West Indies. 1908. 582B86

The book is designed not only for persons trained in botany but for any person "of ordinary information." The trees are described and illustrated, their relationships to those in other parts of the world are given, and the products of trees useful in the arts, sciences and industries are described or mentioned.

Chase, J. Smeaton. Cone-bearing trees of the California mountains. 1911. 582C48
Full non-technical descriptions, with half-tones and line drawings.

Church, Mrs. E. R. (M.). Among the trees at Elmridge. [c1886]. J582C56

A governess is represented as describing various trees to three children. Both native and foreign trees are included.

Clark, G. Big trees of California, their history and characteristics. 1907. 634C59

A small book treating of their origin, distribution, size, habits, etc., and describing and illustrating celebrated specimens.

Dame, L. L. and Brooks, H. Handbook of the trees of New England; with ranges throughout the United States and Canada. 1902. **582D15**

Gives the botanical name and the common names actually used in New England of each tree, its habitat, habit and horticultural value, and describes its bark, winter buds and leaves, inflorescence and fruit.

Flagg, Wilson. Year among the trees; or, The woods and by-ways of New England. [c1881]. **J582F57**

This volume, besides giving particular description of species, treats of the value and beauty of trees and forests, of their climatic influence and of their relations to water, temperature, soil, birds, insects, etc. The matter is taken wholly from his "Woods and byways of New England" (1872), 582F57W.

Going, Maud. With the trees. [c1903]. **582G61**

Description of various trees in the different seasons, with miscellaneous information, bits of poetry, etc.

Hall, H. M. Studies in ornamental trees and shrubs. 1910. **582H17**

A botanical study of certain species and a summary of information as to their suitability for culture, and the like.

Hough, R. B. American woods, exhibited by actual specimens and with copious explanatory text. II v. 1893-1904c1888-1910. **R581H83**

There are 275 specimens.

————— **Handbook of the trees of the northern states and Canada east of the Rocky Mountains. 1907. 582H83**

Two pages are devoted to each species, there being photographs of the fresh leaves, fruits, and leafless branchlets on a measured background and of typical barks, and descriptive text. There are also pictures of transverse sections of wood structure and outline maps showing regions of distribution of each species.

Huntington, Annie O. Studies of trees in winter. 1902. **582H94**

"A description of the deciduous trees of northeastern America; with introduction by C. S. Sargent; illustrated with colored plates by M. S. Morse and photographs by the author."

Jepson, W. L. Trees of California. 1909. **582J54**

A manual for use in the field, giving their names, botany, geographical and economic interest, etc., but also designed to induce persons who have opportunity, to take up special studies of trees for the sake of intellectual pleasure and cultivation.

Keeler, Harriet L. Our native trees and how to identify them. 1900. **582K26**

"A popular study of their habits and their peculiarities." The trees are those indigenous to the Northern United States, east of the Rocky Mountains and a few well-known and naturalized foreign ones. The form, growth and life history of trees are treated of and there is a guide with descriptions of the different species, index of Latin and common names, and many illustrations.

Knobel, E. Guide to find the names of all wild-growing trees and shrubs of New England by their leaves. [c1894]. **582K72**

Gives a key based on leaf appearance, with illustrations, and a list of trees with brief characterizations.

Lounsberry, Alice. Guide to the trees. [1900]. **582L88**

Nearly 200 trees and some shrubs, including all those prominent in northeastern America and a few distinctive and rare species from the south and west are described and illustrated.

The descriptions are headed by the common and scientific names of the species, the family name, shape, height, range, etc. Special features are analyzed and other information of various sorts given.

McFarland, J. Horace. Getting acquainted with the trees. 1904. **582M14**

These "random bits" of a descriptive and reflective nature, record the growth of the author's interest in and information about the trees. Well illustrated.

Massachusetts. Zoological and botanical survey. Report on the trees and shrubs growing naturally in the forests of Massachusetts. 1846. **582M41**

Descriptions, localities, value of wood and uses are given in this exhaustive report by Professor G. B. Emerson (1797-1881), who was chairman of the commission for the survey and who made it.

Mathews, F. Schuyler. Familiar trees and their leaves.
1901. **582M42**

A guide to the trees of this part of the country, describing their parts, especially their leaves, so as to enable anyone to identify them, and giving their geographical range and other information about them. Colored illustrations and many drawings from nature by the author.

Michaux, F. Andrew. North American sylvia. 3 v. 1865.
R582M622

"A description of the forest trees of the United States, Canada and Nova Scotia, considered particularly with respect to their use in the arts and their introduction into commerce; to which is added a description of the most useful of the European forest trees." This famous work, translated from the French, embodies the researches made by the Michauxs, father and son, the former in 1785-1796 and the latter in 1801 and 1807.

Newhall, C. S. Leaf-collector's hand-book and herbarium.
1891. **582N54L**

"An aid in the preservation and in the classification of specimen leaves of the trees of northeastern America." Leaves of nearly all the native and of the most important introduced and naturalized trees of northeastern America are described and pictured with drawings, a guide to their identification being furnished.

————— **Trees of northeastern America.** 1901 [c1891].
582N54

All of the native and the more important introduced and naturalized trees are described from their foliage, bark and style in non-technical language so as to furnish a guide to their easy recognition. The same matter is included in **Newhall, C. S.** Trees of northeastern America; The Shrubs of northeastern America. 1904. 582N54T.

Nuttall, T. North American sylvia. 3 v. in 2. 1865.
R582N98

"A description of the forest trees of the United States, Canada, and Nova Scotia not described in the work of F. Andrew Michaux, and containing all the forest trees discovered in the Rocky Mountains, the territory of Oregon, down to the shores of the Pacific, and into the confines of California, as well as in various parts of the United States." A supplement to Michaux's work, carried out on the same lines.

Parkhurst, H. E. Trees, shrubs and vines of the north-eastern United States. 1903. **582P24**

"Their characteristic landscape features fully described for identification by the non-botanical reader.....with an account of the.....trees, shrubs and vines.....found in Central Park."

Peet, L. H. Trees and shrubs of Central Park. c1903.
582P37T

Similar in plan and treatment to the next.

————— Trees and shrubs of Prospect Park. [c1902].
582P37

A handbook to aid the nature lover to identify the trees and shrubs of the park. Representative trees of the various kinds are located by means of illustrations from photographs, text description covering various walking trips through the park, and diagrams in which the positions of the individual trees and shrubs described are indicated, various landmarks being shown to aid in finding them.

Rogers, Julia E. Among green trees. 1902. 582R72

"A guide to pleasant and profitable acquaintance with familiar trees." Intended to be an all-round tree book—not a mere identification book. Describes the common and important species of northeastern America and also deals with the life and cultivation of trees and with outdoor studies of them.

————— Tree book. 1908c1905. 582R72T

"A popular guide to a knowledge of the trees of North America and to their uses and cultivation." A very comprehensive book divided into four parts: I. How to know the trees; II. Forestry; III. The Uses of wood; IV. The Life of the trees. There are 16 colored plates and 160 plates from photographs by A. Radclyffe Dugmore.

————— Trees that every child should know. 1909.
J582R72Tr

Divided into autumn, winter, spring and summer studies, with a preliminary chapter on How to know the trees. The trees and their parts are described in simple language and various miscellaneous information is given.

Sargent, C. S. Manual of the trees of North America
(exclusive of Mexico). 1905. 582S24M

An analytical key leads to a botanical description of the species, with their range, etc. An authoritative book by the professor of arboriculture in Harvard University and director of the Arnold Arboretum of that institution.

————— Silva of North America. 14 v. 1891-1902.
R582S24

"A description of the trees which grow naturally in North America exclusive of Mexico." Illustrated with figures and analyses drawn from nature by C. E. Faxon and engraved by Philibert and Eugène Picart. The most comprehensive and authoritative work on the subject.

Sargent, C. S. ed. Trees and shrubs. 1905C1902-05. 4 pts. in
I v. **R582S24T**

Consists of a series of plates with brief description of new or little known ligneous plants, prepared chiefly from material at the Arnold Arboretum.

Schauffler, R. H. ed Arbor day. 1909. **808.5S3I**

"Its history observance, spirit and significance; with practical selections on tree-planting and conservation, and a nature anthology."

Stokes, Susan. Ten common trees. [C1898-1901]. **J582S87**

Describes for children such trees as the black willow, elm, oak, apple and chestnut and has a final chapter on Forests and their preservation.

Taylor, N. Native trees of the Hudson river valley. (In New York (State). Hudson-Fulton celebration commission. New York botanical garden, Bronx Park. 1900. 580N56H).

A descriptive list of the trees known to grow naturally in the counties of New York and New Jersey which border the Hudson River, with illustrations of typical specimens.

Weed, C. M. Our trees; how to know them. 1908.

582W39

A guide to their recognition at any season of the year, with notes on their characteristics, distribution and culture, and illustrations from photographs.

B. Foreign countries.

Boulger, G. S. Familiar trees. n. d. **582B76**

An English book giving descriptions of such trees, with botanical, historical and literary information and colored plates.

Brandis, D. and others. Indian trees. 1906. **582B81**

"An account of trees, shrubs, woody climbers, bamboos and palms indigenous or commonly cultivated in the British Indian empire." A practical work for foresters and others, the principal object of which is to facilitate identification.

Buckley, A. B. (Mrs. Fisher). Trees and shrubs. 1906.

J582B92

A book by an English writer, intended to interest children in country life. The information is given in simple language and there are very good colored illustrations.

Cooper, C. S. and Westell, W. P. Trees and shrubs of the British Isles, native and acclimatised. 2 v. 1909. **582C77**

Prepared to enable the reader to identify the trees and shrubs and to furnish him with valuable information in a concise form, on such subjects as timber, insect and fungoid pests, methods of propagation, etc. More than 550 species are described and there are 16 full-page colored and 70 full-page black and white plates.

Dyson, Mrs. W. H. Stories of the trees. 1890. **582D99**

Various trees are described in simple language, and bits of varied information, such as historical and other lore, are added.

Evelyn, John. Silva; or, A discourse of forest-trees and the propagation of timber in His Majesty's dominionswith notes by A. Hunter. 2 v. 1801. **R582E93S**

This work, first published in 1664, was long a standard.

————— **Sylva**..... 1679. **R582E93**

This is the third edition (enlarged).

Fraser, H. Handy book of ornamental conifers and of rhododendrons and other American flowering shrubs suitable for the climate and soils of Britain. 1875. **582F84**

Describes various species and gives facts and suggestions designed to assist gardeners and others in their cultivation.

Groom, P. Trees and their life histories. 1907. **582G87**

The chief object is to demonstrate certain structural features or general phenomena in tree life, and hence particular trees which exhibit these have been selected for more detailed discussion and shorter treatment has been accorded to others.

Heath, F. G. Our British trees and how to know them. Ed. 3, rev. 1908. **582H43**

A pocket volume describing the principal trees (not limited to native ones). Special features are diagrammatic illustrations of tree structure and pictures of leaf sprays.

————— **Sylvan winter.** 1886. **582H43S**

The especial theme is the interest and beauty of trees in winter and the aim is to point out the especial charm of out-of-door winter.

Heath, F. G. Tree gossip. 1885. **582H43T**

Consists of short sketches or articles of a very miscellaneous character. For example, there is an article on the Destruction of American forests.

Jarvis, Mary R. Tree book. 1903. **582J38**

An English book giving descriptions of the trees and various bits of lore gleaned from books and from men of the woods.

Loudon, J. C. Arboretum et fruticetum Britannicum. 8 v.
Ed. 2. 1854. **582L886**

———— Same. 8 v. in 6. 1854. **R582L886A**

"The trees and shrubs of Britain native and foreign, hardy and half-hardy, pictorially and botanically delineated, and scientifically and popularly described: with their propagation, culture, management, and uses in the arts, in useful and ornamental plantations and in landscape gardening; preceded by a historical and geographical outline of the trees and shrubs of temperate climates throughout the world." This monumental work consists of four volumes of letterpress, illustrated by above 2500 engravings, and four of octavo and quarto plates.

———— Encyclopædia of trees and shrubs. 1853.
R582L886En

An abridgment of the preceding. It contains the specific characters, description and figures of some species not in the country in 1838, when the large work was completed.

Michie, C. Y. (The) Larch. 1882. **582M62**

A practical manual containing the most essential information concerning the larch, "whether as a tree, forest, domestic or commercial product."

Mosley, C. (The) Oak. 1910. **582M91**

"Its natural history, antiquity and folk-lore." Besides its life history, folk-lore, etc., its economic value and insect and parasite enemies are dealt with.

Nisbet, J. Our forests and woodlands. 1900. **582N72**

Various trees are described and various aspects of forestry and tree cultivation are discussed.

Step, E. Wayside and woodland trees. 1904. **582S82**

A popular guide to the British silva, including indigenous and foreign species (some of which are American), with photographs of the trees in their summer and winter appearance and numerous drawings of foliage, etc.

Stevenson, W. Trees of commerce. n. d. **582S84**

A popular account of timber trees, the names, description, properties and uses of each being given.

Ward, H. M. (The) Oak. 1892. **582W25**

"A popular introduction to forest botany, giving a short account in non-technical language of the principal points in the anatomy and physiology of this tree.

Trees. 5 v. 1904-09. **582W25T**

The purpose of this work begun by the late professor of botany at Cambridge University and completed by Percy Groom (v. 4 & 5) is to provide "a handbook of forest botany for the woodlands and the laboratory." V. 1, Buds and twigs; v. 2, Leaves; v. 3, Flowers and inflorescences; v. 4, Fruits; v. 5, Form and habit, with an appendix on seedlings.

Forestry and Conservation of Forests.

A. America.

A great deal of valuable material on these topics is to be found in periodicals (see Part II of this list), in the reports and other publications of the United States Department of Agriculture (see also Part II), including especially the bulletins of the Forestry Bureau of that department (a few of which are listed in Part I), and in the annual reports and other publications of the state departments charged with the care of the state forests. Of these last, the reports of the Pennsylvania Forest Department, of which the Library has those for 1905-07 (R634P41), and especially the reports of the New York State Forest, Fish and Game Commission, most of which the library possesses (R630N56), will be found very useful.

The Arbor-day annuals of the New York State Education Department, especially those for 1910 and 1911, contain valuable brief articles and bibliographies dealing with trees and forestry.

American Academy of political and social science (Philadelphia). Conservation of natural resources. 1909.

338A51

Part I consists of three papers on forestry. 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 of the Louisiana bar.

American forest congress. Washington (D. C.), 1905.
Proceedings. 1905. **R634A51**

Gives all the papers read and the more important impromptu addresses made at this congress, which was held January 2-6, 1905, under the auspices of the American Forestry Association. All aspects of the forestry question were dealt with.

Brisbin, J. S. Trees and tree-planting. 1888. 634B85

There are descriptions of various forest trees and directions and suggestions as to their cultivation. The book was written especially to urge the planting of new forests throughout the country.

Brown, J. P. Practical arboriculture. 1906. 634B878

"How forests influence climate, control the winds, prevent floods, sustain national prosperity; a text-book for railway engineers, manufacturers, lumbermen and farmers. How, where and what to plant for the rapid production of lumber, cross-ties, telegraph poles and other timbers, with original photographs by the author."

Bruncken, E. North American forests and forestry; their relations to the national life of the American people. 1900. 634B89

Deals with the larger aspects and issues of forestry and is addressed not to the professional forester but to "those who take a living interest in all questions affecting the welfare of the nation."

Cary, A. Manual for northern woodsmen. 1909. 634C33

Treats of land surveying, forest maps, log and wood measurements, and timber estimating, and gives many useful tables.

Chittenden, H. M. Forests and reservoirs in their relation to stream flow, with particular reference to navigable rivers. 1909. 627C54

Consists of a paper by the author, in which he combats the commonly accepted opinion that forests have a beneficial influence on stream flow, and of discussion pro and con by various engineers, scientists and foresters.

Egleston, N. H. Hand-book of tree planting. 1884. 634E31

Treats of the planting of trees of economic value in masses and is designed especially for landowners and others desirous of cultivating trees for profit.

Fernow, B. E. Brief history of forestry in Europe, the United States, and other countries. [c1907].

634F36B

This book is the result of a series of twenty-five lectures delivered before the Yale Forest School. "Merely a compilation of facts." Germany is most extensively treated.

————— **Economics of forestry.** [c1902] **634F36**

"A reference book for students of political economy and professional and lay students of forestry."

————— **Forests of Alaska.** (In Burroughs, John and others. Alaska v. 2, pp. 235-256. 1902. R917.98B97.)

Names and locates the forest regions and describes and names the trees, giving information as to their economic value, etc.

Fuller, A. S. Practical forestry. 1884. **634F96P**

"A treatise on the propagation, planting, and cultivation, with a description and the botanical and popular names of all the indigenous trees of the United States."

Gifford, J. Practical forestry. 1902. **634G45**

"For beginners in forestry, agricultural students, woodland owners and others desiring a general knowledge of the nature of the art." A popular but accurate treatise written by an expert to give information about and right conceptions of forestry and so to mold public opinion.

Graves, Henry S. Forest mensuration. 1906. **634G77**

A systematic work describing the principles of the subject, "designed as a guide for students of forestry and as a reference book for practical foresters and lumbermen."

————— **Principles of handling woodlands.** 1911. **634G77P**

"Deals primarily with the principles of cutting mature stands of timber with a view to their replacement by new growth; cuttings in immature stands made for their improvement; and forest protection, with particular reference to forest fires."

Green, S. B. Principles of American forestry. 1903. **634G79**

A comprehensive book on elementary forestry, prepared especially for students and others beginning the subject and also intended for the general reader, for whom it forms a convenient digest of information.

Hough, F. B. Elements of forestry. 1882. **634H83**

"Designed to afford information concerning the planting and care of forest trees for ornament or profit and giving suggestions upon the creation and care of woodlands." Aims to be a general outline of forestry in its most ample relations.

Houston, E. J. Outlines of forestry; or, The elementary principles underlying the science of forestry. 1893.

634H84

A primer pointing out to the general public the effects of the unsystematic removal of the country's forests on climate and rainfall.

Ivy, T. P. Forestry problems in the United States. 1906.

634I96

A pamphlet written to present the forest situation as it appears to be to-day. The author believes that much of what the national government is doing is based upon a mistaken forest policy. He attacks the methods of the Forestry bureau and advocates the establishment of "national necessity parks or reserves" by statute and of compulsory reforestation.

Jarchow, H. N. Forest planting. 1893. **634J37**

"A treatise on the care of timber lands and the restoration of denuded woodlands on plains and mountains." The work has special reference to conditions in the State of New York. The author writes from twenty years' experience in northern Germany and a like period of observation in this country.

National business league of America. Tree planters of America, a potent factor for the reforestation of the United States and extension of practical arboriculture by the American farmer boys. Ed. 3, enl. 1911.

634N27

New York (State). Fisheries, game and forests commission. Adirondack black spruce, by W. F. Fox. 1895. **634N56F**

A reprint from the annual report of the commission for 1894. It furnishes information of a general character concerning this important commercial species of tree.

Pinchot, Gifford. Fight for conservation. 1910. **338P64**

Presents the author's views of the conservation problem and an account of the government work. While general, of course forestry receives much attention.

Pinchot, Gifford and Graves, Henry S. White pine; a study with tables of volume and yield. 1896. **634P64**

The growth, situation and occurrence, neighbors, and various silvicultural notes precede the tables, all being based largely upon observations made by Mr. Graves and an assistant in central Pennsylvania and northern New York.

Roth, F. First book of forestry. 1902. **J634R84**

Presents in simple non-technical language some of the general principles of the science and the methods employed and the objects sought in the practice of forestry. Designed to provide a book for use in public schools and country homes.

Schwarz, G. Frederick. Forest trees and forest scenery. 1901. **634S4I**

The leading object of this book is an appreciation of the esthetic value of some of our commonest trees. Such references as are made to forestry matters are introduced because the operations of forestry will modify forest scenery.

Longleaf pine in virgin forest; a silvical study. 1907. **634S4IL**

Deals with the life history of one of our most important forest trees, but gives also considerable general forestry information.

United States. Agriculture, Department of. Report upon forestry, prepared under the direction of the Commissioner of agriculture..... by F. B. Hough. 1878. **R634U58H**

More than 600 pages of miscellaneous information, including the resources of various states, statistics of forest products, effects of forests on climate, diseases and injuries of forest trees, laws of the states, etc.

United States. Forestry bureau. Instructions for making forest surveys and maps. 1910. **526U58Fo**

A little pocket book issued to members of the forest service to insure uniformity in making these.

Bulletin No. 24, parts I & 2. Primer of forestry, by Gifford Pinchot. 2 v. 1899-1905. **634U58P**
Part I, The Forest. Part II, Practical forestry.

United States. Forestry bureau. Protection of forests from fire, by Henry S. Graves. 1910.

634U58Fb

A bulletin by the United States Forester, giving information as to the kinds of fires, the damage done, and methods of preventing and of fighting fires.

Use of the national forests. 1907. **R634U58Fu**

Regulations and instructions as to the qualifications, etc., of foresters of all sorts, the uses permitted, laws, etc., are given.

Van Hise, C. R. Conservation of natural resources in the United States. 1910. **338V25**

The material of this book was originally lectures delivered at the University of Wisconsin by its president. Part III is devoted to forests. Presents the essential information an intelligent citizen might desire.

Vrooman, F. B. Theodore Roosevelt, dynamic geographer. 1909. **338V98**

Notices his efforts in behalf of conservation and acclaims him as the originator of a national forest policy.

B. Foreign countries.

Ablett, W. H. English trees and tree-planting. 1880.

634A15

Describes the trees and their varieties and methods of planting and cultivation.

Bagneris, G. Elements of sylviculture: a short treatise on the scientific cultivation of the oak and other hardwood trees; trans. from the French, by E. E. Fernandez and A. Smythies. 1882. **634B14**

Brown, James. (The) Forester. Ed. 4, rev. & enl. 1871.

634B87F

"A practical treatise on the planting, rearing and general management of forest-trees." Gives the results of the author's extensive experience in all parts of Great Britain.

Brown, John Croumie, comp. Finland; its forests and forest management. 1883. **634B877Fi**

, *comp.* Forestry and forests in Poland, Lithuania, the Ukraine and the Baltic provinces of Russia, with notices of the export of timber from Memel, Dantzic and Riga. 1885. **634B877Fr**

- Brown, John Croumbie, comp.** Forestry in Norway; with notices of the physical geography of the country. 1884. **634B877Fo**
- , *comp.* Forestry in the mining districts of the Ural mountains in eastern Russia. 1884. **634B877**
- , *comp.* Forests and forestry of northern Russia and lands beyond. 1884. **634B877F**
- Forests and moisture; or, Effects of forests on humidity of climate. 1877. **634B877Fm**
- , *comp.* Forests of England and the management of them in bye-gone times. 1883. **634B877Fe**
- , *comp. & tr.* French forest ordinance of 1669; with historical sketch of previous treatment of forests in France. 1883. **634B877Ff**
- Introduction to the study of modern forest economy. 1884. **634B877I**
- , *comp.* Pine plantations on the sand wastes of France. 1878. **634B877P**
- Reboisement in France; or, Records of the replanting of the Alps, the Cevennes, and the Pyrenees with trees, herbage and bush, with a view to arresting and preventing the destructive consequences and effects of torrents. 1880. **634B877R**
- , *comp.* School of forest engineers in Spain, indicative of a type for a British national school of forestry. 1886. **634B877S**
- , *comp.* Schools of forestry in Germany, with addenda relative to a desiderated British national school of forestry. 1887. **634B877Sf**

Most of these compilations were prepared in anticipation of the International Forestry Exhibition in Edinburgh in 1884. The author had been government botanist at the Cape of Good Hope and professor of botany in the South African College, Cape-town.

- Cox, J. C.** Royal forests of England. [1905]. 634C87
History and antiquities of these.
- Des Cars, A. J. de P., comte.** Treatise on pruning forest and ornamental trees. 1881. 634D44
A small treatise translated from the French, with an introduction by C. S. Sargent. The system of the author is based upon de Courval's system of rational pruning.
- Eardley=Wilmot, S.** Forest life and sport in India. 1910. 915.4E12
The author, who was for many years a forest inspector in India, describes the forest and forest trees of that country.
- Forbes, A. C.** Development of British forestry. 1910. 634F69
A general review of "the whole problem of afforestation as it must appear to the landowner and the practical forester."
- Howitz, D.** Forest protection and tree culture on water frontages. (In London. International fisheries exhibition, 1883. Fisheries exhibition literature. 1884. v. 7, p. 265. 634L84.)
Consists of a paper by the Danish commissioner to the exhibition, with discussion. The point of view is that "of providing a constant and steady supply of water, food, shade, and shelter for freshwater fish."
- Maw, P. T.** Practice of forestry: concerning also the financial aspect of afforestation. 1909. 634M46
A general treatise for landowners, land agents, and all students of the science, which does not deal with the study of the natural history sciences allied to forestry, but pays special attention to the practical and financial aspects of the subject.
- Rattray, J. and Mill, H. R. ed.** Forestry and forest products. 1885. 634R23
21 essays submitted in competition for prizes at the Edinburgh International Forestry Exhibition of 1884. They cover a variety of topics, mostly British in their subject or application.
- Rodway, J.** Story of forest and stream. 1897. 634R697
A little book sketching the life of trees in wood and forest and showing the benefits derived by man and other animals from the forests and streams. The author is an Englishman living in the tropics.

Schlich, W. Manual of forestry. v. I. 1889. 634S34

This volume deals with the utility of forests and the fundamental principles of silviculture.

Simpson, J. New forestry; or, The continental system adapted to British woodlands and game preservation. 1900. 634S61

Endeavors to combine all that is best in British forestry of the past with the superior methods of Continental forests adapted to British conditions of private ownership instead of state ownership.

Townley, H. English woodlands and their story. [1910.] 914.2T74

Description and history of noted English forests.

Unwin, A. H. Future forest trees; or, The importance of the German experiments in the introduction of North American trees. 1905. 634U62

Presents for the information of English foresters, the results of numerous experiments, chiefly made in Germany, with North American trees.

Wood, S. Tree planter and plant propagator. Ed. 3. 1894. 634W87

"A practical manual on the propagation of forest trees, fruit trees, flowering shrubs, flowering plants, pot herbs, etc., with numerous illustrations of grafting, layering, budding, cuttings, useful implements, houses, pits, etc."

Timber and Lumbering.

Baterden, J. R. Timber. 1908. 634B32

A practical work describing briefly and noting the value and use of those timbers most generally used and of some others likely to come into the market.

Boulger, G. S. Wood. Ed. 2, rev. & enl. 1908. 634B76W

"A manual of the natural history and industrial applications of the timbers of commerce."

Charpentier, P. Timber. 1902. 634C48

"A comprehensive study of wood in all its aspects, commercial and botanical, showing the different applications and uses of timber in various trades, etc.; translated from the French by Joseph Kennell."

Defebaugh, J. E. History of the lumber industry of North America, vol. I. 1906- 634D31

Very comprehensive and detailed. Forestry and lumbering in Canada are first dealt with and then various past and present aspects of these subjects presented in the United States.

- Grainger, M. A.** Woodsmen of the West. 1908. 634G74
Personal narrative of logging in British Columbia.
- Hale, P. M., comp.** Woods and timbers of North Carolina. 1883. 634H16
A compilation from the botanical and geological reports of Drs. Curtis, Emmons and Kerr and other sources. Part I. The woody plants; Part II, Forest statistics; Part III, Facilities for travel.
- Laslett, T.** Timber and timber trees, native and foreign. 1875. 691L34
Describes the various timbers, and give their properties, an estimate of their strength and value, and other useful information.
- Noyes, E. G. anon.** Redwood and lumbering in California forests. 1884. 634N95
Gives a history and description of lumbering methods and has a special essay on the redwood, written by Dr. A. Kellogg of the California Academy of Sciences.
- Sargent, C. S.** Woods of the United States, With an account of their structure, qualities and uses. With geographical and other notes upon the trees which produce them. 1885. 634S24
This is condensed from vol. IX of the reports of the tenth census and covers the woods contained in the Jesup collection in the American Museum of Natural History. Divided into two parts; a catalogue of the forest trees of North America (exclusive of Mexico). and an account in tabular form of the physical properties of the woods of the United States.
- Snow, C. H.** Principal species of wood; their characteristic properties. 1908c03-08. 634S67
An untechnical presentation of the subject intended for those who are not foresters or botanists, but who use woods or desire knowledge of their distinguishing properties.
- Stone, H.** Timbers of commerce and their identification. 1904. 634S87
Describes all the woods he has met with in British markets and those which have been sent him from the colonies as useful and abundant, and a few others. Each timber tree is treated separately in tabular form, its botanical position, names, sources of supply, physical and anatomical characters, uses, etc., being given. There are 186 photo-micrographs, mainly of cross-sections.

Ward, H. M. Timber and some of its diseases. 1889.

691W25

A popular exposition, giving the general characters and structure, the properties and varieties, and classification of timbers and describing the commoner diseases.

Trees for the street, lawn and park, and their culture and care.

Cook, E. T. Trees and shrubs for English gardens. 1902.

715C77

Describes suitable trees and gives information as to their culture and care.

Davey, J. Tree doctor. 1907.

715D24

"The care of trees and plants profusely illustrated." Describes the methods of tree surgery practiced by the author and his pupils, gives formulas for the treatment of plant diseases and insect pests, directions for planting, pruning, etc.

Fernow, B. E. Care of trees in lawn, street and park; with a list of trees and shrubs for decorative use. 1910.

715F36

A comprehensive compilation intended for the practical lovers and owners of trees.

Fox, W. F. Tree planting on streets and highways. 1904.

715F79

A reprint from the seventh report of the Forest, fish and game commission of the State of New York, giving advice and suggestions as to what trees to plant, how to plant, transplant, and protect them, and the like. The laws of the different states on the subject are also given.

Gaut, Alfred. Seaside planting of trees and shrubs. 1907.

715G27

A contribution to the solution of the very difficult problem of planting trees and shrubs in situations where they are exposed to strong winds and gales, based upon a survey of a portion of the English Coast, viz., Yorkshire. The solution is demonstrated by plans, notes and illustrations and a list of trees and shrubs useful for such planting is given.

Mongredien, A. Trees and shrubs for English plantations. 1870.

715M74

"A selection and description of the most ornamental trees, native and foreign, which will flourish in the open air in our climate," etc. Object is to furnish information for practical application.

Powell, E. P. Hedges, windbreaks, shelters and live fences. 1908c00. **715P88**

"A treatise on the planting, growth and management of hedge plants for country and suburban homes." Is included in this list because of the information it gives concerning the use of trees as windbreaks.

Solotaroff, W. Shade trees in towns and cities. 1911. **715S68**

"Their selection, planting, and care as applied to the art of street decoration; their diseases and remedies; their municipal control and supervision." Well illustrated.

Weathers, J. Beautiful flowering trees and shrubs for British and Irish gardens. **715W36**

Designed to assist in making a selection suitable for a person's garden and to be of service to nurserymen. The trees and shrubs are described and advice and suggestions as to their culture are given.

Webster, A. D. Hardy ornamental flowering trees and shrubs. Ed. 3, rev. 1908. **715W37**

Fully 1,300 species and varieties are described. Hints on tree cultivation are given and there are lists of trees suitable for town planting, seaside planting, etc.

Diseases and injurious insects.

Some of the books in the preceding divisions deal in a general way with these.

Duggar, B. M. Fungous diseases of plants. c1909. **632D86**

"With chapters on physiology, culture, methods and technique." A comprehensive technical discussion of the subject dealing with the life history, pathological effects, etc., of the fungi and with methods of prevention or control. Trees are included.

Felt, E. P. Elm leaf beetle in New York State. 1902. **632F32E**

Gives the life history and habits of the beetle, an account of its ravages, information about remedies, and short accounts of three other insects which work with this beetle.

Insects affecting park and woodland trees. 2 v. 1905-06. **632F32I**

The insects are described, their life histories and food plants are given and remedial measures are indicated. There are colored and other plates.

Forbush, E. H. and Fernald, C. H. Gypsy moth, *porthetria dispar* (Linn.) 1896. **632F69**

A report of the work of destroying the insect in Massachusetts, with an account of its history and habits both in Massachusetts and Europe.

Fürst, H. H. Protection of woodlands against dangers arising from organic and inorganic causes, as rearranged for the fourth edition of Kauschinger's "Waldschutz"; authorized translation with notes by John Nisbet. 1893. **634F95**

A work for practical foresters and students of forestry and those engaged in supervising and controlling silvicultural operations. Part II deals with injuries due to plants and animals, especially insects.

Harris, T. W. Treatise on some of the insects injurious to vegetation. 1862. **632H31**

Scientific and practical details of their natural history. Illustrated by engravings drawn from nature under the supervision of Professor Agassiz.

Hartig, R. Text-book of the diseases of trees; translated by William Somerville; revised and edited with a preface by H. M. Ward. 1894. **634H32**

A work by a leading German authority, giving much information about parasitic and destructive fungi and the diseases and injuries they cause.

Lodeman, E. G. Spraying of plants. 1903 [c1896]. **632L82**

"A succinct account of the history, principles and practice of the application of liquids and powders to plants for the purpose of destroying insects and fungi." Trees are included to some extent.

Massee, G. Diseases of cultivated plants and trees. Pref. 1910. **581M41**

The diseases are described in technical language and remedial measures are indicated.

Ormerod, Eleanor A. Manual of injurious insects. Pref. 1881. **632O73**

"With methods of prevention and remedy for their attacks to food crops, forest trees and fruit, and with short introduction to entomology." Part II deals with forest trees and the insects that injure them.

United States. Entomological commission. Bulletin No.
1-7. 7 v. in 1. 1877-81. **632U58E**

Bulletin No. 7, Insects injurious to forest and shade trees. by A. S. Packard, gives a summary of what was then known of the habits and appearance of such insects, and of remedies for them.

Weed, C. M. Fungi and fungicides. 1896 [c94]. 632W39

"A practical manual concerning the fungous diseases of cultivated plants and the means of preventing their ravages." Includes those affecting shade and fruit trees.

Insects and insecticides. 1891. 632W39I

"A practical manual concerning noxious insects and the methods of preventing their injuries." Includes those affecting shade and fruit trees.

PART II. REFERENCES TO PERIODICALS.

The following selection of titles of periodical articles dealing with trees and forestry is made from the references given in *The Readers' Guide to Periodical Literature*, covering January, 1905, to March, 1911, inclusive. A considerable number of titles of articles in the yearbooks of the United States Department of Agriculture, given in the *Guide* (1905-10), are also included. Other references may be obtained from the same source and from *Poole's Index*.

A. Trees and their Care.

Diseases of ornamental trees. H. Metcalf. *U. S. Agric. Dept. Yearbook*, 1907: 483-94.

The diseases are described and directions or recommendations for their treatment are given.

Effect of tarred roads upon trees and shrubs. F. Honore. *Scientific American*, 103:156 (Aug. 27, '10).

Fifty years of tree planting. E. Watson. *Country Life*, 11:47-50 (Nov., '06).

On an estate in Concord, Mass.

Foreign-born American trees. M. Smith. *Review of Reviews*, 43: 72-9 (Jan., '11).

Tells of the work of European nurseries in propagating our native trees for exportation to this country.

How one town is saving its trees. W. A. Dyer. *Country Life*, 17:545-6 (March, '10).

Claremont, N. H.

How to destroy boring insects in shade trees. J. J. Levison. *Country Life*, 17:776 (April, '10).

The arboriculturist of the Brooklyn Park Department tells more especially of the use of carbon bisulphid for deep burrows.

How to fight the elm-leaf beetle. S. Hawley. *Country Life*, 15:562 (March, '09).

How to plant a tree. F. A. Waugh. *Country Life*, 7: 281-2 (Jan., '05).

An illustrated article dealing with methods of planting fruit, shade, avenue and ornamental trees on a small or large scale.

Landscape value of some of our common trees. J. Craig. *Chautauquan*, 41: 357-8 (June, '05).

Points out how the form, color, and texture of the trees affect their landscape value.

Life of a thousand year pine. E. A. Mills. *World's Work*, 16: 10543-6 (Aug., '08).

"The history of a Colorado tree, reconstructed from data contained in its trunk."

Museum of living trees; Arnold Arboretum. *World's Work*, 21: 14147-58 (March, '11).

Belongs to Harvard University, is situated in West Roxbury, Mass., and covers more than 200 acres.

Our friends the trees. E. W. Foster. *St. Nicholas*, 32: 577-83, 703-8, 812-5 (May-July, '05).

Illustrated articles designed to tell children how to know the trees.

Planting for winter effect. S. R. Duffy. *Country Life*, 19: 147-8 (Dec 1., '10).

Tells what trees to plant and where to plant them.

Planting trees about a country home. L. O. Machin. *House Beautiful*, 27: 106-7 (March, '10).

Advice and suggestions as to the proper selection and the best disposition of the trees.

Pruning shrubs and trees. J. E. Rogers. *Country Life*, 7: 448-9 (March, '05).

Reforestation of a great city. J. H. Prost. *World To-day*, 19: 735-40 (July, '10).

The city forester of Chicago tells of tree planting in that city.

Significance of tree surgery. L. G. Vair. *House Beautiful*, 28: 26-7 (June, '10).

Affirms that it is a science, is one of the greatest issues before the country to-day, and that there is an actual school of such surgery.

Surgical treatment of our trees. C. A. Sidman. *World To-day* 16: 98-100 (Jan., '09).

Tells about the work of the tree doctor, describing some proper methods of performing operations.

Taking care of our trees. *Independent*, 67: 837-9 (Oct. 7, '09).

Editorial dealing with the ravages of insects and remedies.

Transplanting large trees. T. McAdam. *Country Life*, 8: 537 (Sept., '05).

Gives the reasons for doing it.

Transplanting large trees. J. A. W. *Country Life*, 8:35 (May, '05).

Describes the methods.

Tree protection in the United States. Mrs. C. F. Millspaugh. *Chautauquan*, 41: 326-335 (June, '05).

Describes the work of various organizations devoted wholly or partly to the protection of forest and shade trees.

Tree study in winter. A. B. Comstock. *Chautauquan*, 41: 66-72 (March, '05).

An illustrated article telling how to learn to distinguish trees in winter and describing the characteristics of some of our common trees as seen in winter.

Tree surgery. *Craftsman*, 17: 177-83 (Nov., '09).

"A lesson in the care of trees along scientific lines." Illustrated.

Trees in cemeteries. O. C. Simonds. *Chautauquan*, 41: 338-44 (June, '05).

Tells what trees are best to plant and how to get the best effects.

Trees of a great city. J. H. McFarland. *Outlook*, 82: 203-11 (Jan. 27, '06).

Description of and other information about individual trees in the streets and squares of Manhattan.

Trees of the Lord and the tree butcher. J. Davey. *Chautauquan*, 41: 319-22 (June, '05).

Shows how trees are injured and destroyed by unskillful trimming.

Trees on small home grounds. F. C. Seavey. *Chautauquan*, 41: 312-6 (June, '05).

Advice as to what trees to choose and where to plant them.

Trimming street and lawn trees. E. P. Powell. *American Homes and Gardens*, 7:107 (March, '10).

What it would mean to the nation if city folk and farmers would plant trees. *Craftsman*, 16: 364-6 (June, '09).

Would promote beauty and insure a lumber supply.

What we really know about tree surgery. J. J. Levison, *Country Life*, 19: 163-4 (Dec. 1, '10).

An illustrated article telling what is positively known and what is experimental and describing proper and improper methods.

Your own tree doctor. E. P. Powell. *Collier's Weekly*, 44:27 (Oct. 16, '09).

B. Forestry, Conservation of forests and Lumbering.

The importance of these subjects in recent years as matters of study, popular agitation, and national and state legislation has given rise to a flood of periodical articles. An attempt has been made to cull from the great number of titles listed in *The Readers' Guide* for the last six years those which seem to indicate the more interesting and valuable material.

In this connection, particular attention may be called to the organ of the American Forestry Association, *American Forestry*, formerly known as *The New Jersey Forester* and *The Forester* (to v. 7), *Forestry and Irrigation* (v. 1-14), and *Conservation* (v. 15), of which the Library has v. 4—, Jan. 1898—date.

A B C of conservation. G. Pinchot. *Outlook*, 93: 770-2 (Dec. 4, '09).

Answers to six searching questions asked of the late United States Forester.

Advance of forestry in the United States. H. S. Graves. *Review of Reviews*, 41: 460-6 (April, '10).

The present United States Forester tells of what has been accomplished and what is being done by the nation and the states towards solving the forestry problem.

America, the prodigal; the possibility of a famine in wood and what can be done to avert it. C. R. Lamb. *Craftsman*, 16: 371-82 (July, '09).

Advocates systematic reforestation and particularly gives suggestions as to planting trees along rights of way.

Are we to lose our chestnut forests? E. A. Sterling. *Country Life*, 15: 44-5 (Nov., '08).

Tells of the ravages of a bark disease.

At the stream's source. E. A. Mills. *Country Life* 18: 518-23 (Sept., '10).

Account of the phenomena witnessed during a day in the rain at the source of a river in the Rocky Mountains of Colorado. Calls attention to the beneficial effect of forests in producing a steady flow in rivers.

Atlantic forest region of North America. S. Trotter. *Popular Science Monthly*, 75: 370-92 (Oct., '09).

A philosophical study of the influences of the forest upon the life, literature, etc., of man in a new country.

Common defects in timber and their causes. H. Busbridge. *Scientific American Supp.*, 59: 24432-3 (March 25, '05).

An illustrated article dealing with the defects which originate before the timber is felled.

Conservation of our national resources. J. L. Mathews. *Atlantic Monthly*, 101: 694-704 (May, '08).

General, but touching considerably upon forests.

Conservation of our natural resources. T. E. Will. *Independent*, 64: 946-52 (April 30, '08).

Cutting timber on the national forests and providing for a future supply. R. Zon and E. H. Clapp. *U. S. Agric. Dept. Yearbook*, 1907: 277-88.

History of the government timber sale policy and description of the methods used by the Forest Service.

Danger confronting our resources—and the remedy. A. C. Laut. *Outing*, 54: 361-7 (June, '09).

Day with a forest ranger. A. Chapman. *Outlook* 81: 489-95 (Oct. 28, '05).

Illustrated article describing his work.

Economic problem of forest taxation. F. R. Fairchild. *Yale Review*, 17: 377-91 (Feb., '09).

Advantages of a tax upon yield and disadvantages of the general property tax are given.

Engineering in the logging industry. H. Hale. *Cassier's Magazine*, 29: 443-57 (April, '06).

Describes the methods of lumbering used in the Pacific Northwest.

Fighting forest fires. H. M. Suter. *Chautauquan*, 41: 348-54 (June, '05).

Their causes and effects and the methods of preventing them are dealt with.

Forest destruction and the erosion of arable lands. D. A. Willey. *Scientific American*, 98: 372-3 (May 23, '08).

Shows the damage done.

Forest fire problem. W. D. Hulbert. *Outlook*, 97: 207-13 (Jan. 28, '11).

Forest fires. J. S. Whipple. *Outing*, 54: 527-37 (Aug., '09).

An illustrated article telling of their causes and results, of noted fires and of measures of preventing and of fighting the fires.

Forest fires: their cost, cause and prevention. C. H. Forbes-Lindsay. *Craftsman*, 15: 322-9 (Dec., '08).

Forest fires and their prevention. A. L. Donaldson. *Outlook*, 90: 876-8 (Dec. 19, '08).

Forest planting for railroad purposes. E. A. Sterling. *Engineering Magazine*, 34: 338-9 (Nov., '07).

Review of an article in *The Engineering News* telling what the Pennsylvania R. R. has done.

Forest primeval. P. W. Ayres. *Outlook*, 82: 681-92 (March 24, '06).

An illustrated article on the forests of the Southern Appalachians and the White Mountains.

Forest preserve near the metropolis. E. L. Partridge. *Country Life*, 14: 456-9 (Sept., '08).

A plea for legislation to perpetuate a tract in the Highlands of the Hudson.

Forest reserves. W. B. Heyburn. *Independent* 60: 667-71 (March 22, '06).

Senator Heyburn of Idaho has been an opponent of the forest policy of the last administration. The withdrawal of so much land from settlement, he believes has been a great injury to his state as limiting its growth.

Forest resources and conservation. J. H. Finney. *Annals of the American Academy of Political and Social Science*, 35: 67-76 (Jan., '10).

Forest service. R. L. Black. *Outlook*, 80: 1020-8 (Aug. 26, '05).

Describes the work of foresters in the field.

Forester and his work. A. H. Hodgson. *Overland Monthly*, new series, 50: 20-4 (July, '07).

The field and office work are described.

Foresteing the prairies. C. M. Harger. *World's Work*, 10: 6255-61 (June, '05).

Shows how extensive tree planting has changed the physical aspect of large areas, created a new timber industry, and made ugly places sightly.

Forestry education; its importance and its requirements. E. P. Stebbing. *Nature*, 85: 61-2 (Nov. 10, '10).

Forestry policy of New York. A. Cary. *Annals of the American Academy of Political and Social Science*, 35: 248-51 (March, '10).

Forests and rivers. *Nature*, 73: 319-20 (Feb. 1, '06).

Digest of views on their relation brought out at a then recent meeting of the International Navigation Congress at Milan.

Forests of the Philippines. H. Wright. *World To-day*, 11: 953-60 (Sept., '06).

Describes the forests and especially the wonderful hardwoods and shows what the introduction of modern methods will do.

Fungi destroying eastern forests. W. H. Ballou. *Scientific American Supp.*, 66: 12-4 (July 4, '08).

An illustrated article on the various species.

Fungous diseases of forest trees. H. von Schrenk. *U. S. Agric. Dept. Yearbook*, 1900: 199-210.

A comprehensive article, well illustrated. Tells how trees are infected, the results of the infection, describes remedial treatments, etc. "Some destructive fungi" are described in detail.

German and American forestry methods. G. Thomas. *Forum* 36: 458-66 (Jan., '05).

The differences in methods are indicated and the history of progress in the two countries is given.

Gifford Pinchot, the awakener of the nation. W. H. Page. *World's Work*, 19: 12662-8 (March, '10).

A defense of Pinchot and his work.

Grazing in the forest reserves. F. Roth. *U. S. Agric. Dept. Yearbook*, 1901: 333-48.

A general discussion of the functions and object of the reserves and their character is followed by the regulations for grazing and information as to the extent of it, methods, results, etc.

Handmade forests. J. L. Mathews. *Everybody's Magazine*, 21: 223-33 (Aug., '09).

Describes the forests in parts of Germany and of France and indicates their lessons for us.

Heart of the big timber country. R. D. Paine. *Outing*, 48: 719-30 (Sept., '06).

Lumbering in the Pacific Northwest is described.

How forest rangers protect Uncle Sam's forests. A. L. Dahl. *Overland Monthly*, new series, 55: 357-61 (April, '10).

An illustrated article on their methods.

How to grow young trees for forest planting. E. A. Sterling. *U. S. Agric. Dept. Yearbook*, 1905: 183-92.

Full directions, illustrated.

Influence of forestry upon the lumber industry. O. W. Price. *U. S. Agric. Dept. Yearbook*, 1902: 309-12.

Exerted in various ways, as in steadying prices, in developing a trained class of forest workers, and in establishing a permanent industry.

Injuries to forest trees by flat-headed borers. H. E. Burke.
U. S. Agric. Dept. Yearbook, 1909: 399-415.

Insect enemies of forest reproduction. A. D. Hopkins.
U. S. Agric. Dept. Yearbook, 1905: 249-56.
Illustrated description of them and their work.

Insect injuries to forest products. A. D. Hopkins. *U. S. Agric. Dept. Yearbook*, 1904: 381-98.

Insects vs. fires. C. R. Dodge. *Scientific American Supp.*, 69: 61-2 (Jan. 22, '10).
The annual money loss due to the ravages of insects on trees greater than that by fire.

Is New England's wealth in danger? Our vanishing forests. P. W. Ayres. *New England Magazine*, new series, 38: 34-48 (March, '08).

Lumber as a crop. P. N. Beringer. *Overland Monthly*, new series, 55: 191-3 (Feb., '10).
A brief article showing how lumber may be made a crop by intelligent handling of standing timber.

Lumber industry of America. M. O. Nelson. *Review of Reviews*, 36: 561-75 (Nov., '07).
Describes the present condition of the industry and tells of economies of manufacture, etc.

Lumbering in the world's greatest forests. A. W. Day. *Cassier's Magazine*, 39: 291-306 (Feb., '11).
The modern methods in use in our Pacific Northwest are described.

Making of a forest ranger. A. Chapman. *Review of Reviews*, 35: 447-51 (April, '07).
Tells what kind of men are chosen and describes their training and work.

Man and his job. A. W. Dimock. *Country Life*, 17: 157-60, 291-4 (Dec., '09, Jan. '10).
The work of the foresters in Canada.

National afforestation. H. Maxwell. *Nineteenth Century*, 65: 648-62 (April, '09).

Deals with forest problems in Great Britain.

National forests and the lumber supply. T. H. Sherrard. *U. S. Agric. Dept. Yearbook*, 1906: 447-52.

Discusses the effects of the use of the timber of national forests upon the lumber supply and points out that future effect will be far greater, as the timber will bridge over the inevitable period of scarcity.

National forests in the Appalachians. T. E. Will. *Review of Reviews*, 37: 450-5 (April, '08).

Describes the present state of forests and argues for legislation to conserve them.

Necessity for corporation forestry. E. A. Sterling. *Engineering Magazine*, 35: 434-7 (June, '08).

A paper read before the Engineers' Club of Philadelphia, in which the author maintains that the problem of the future timber supply in the East will have to be solved by the wood-using corporations.

New trees introduced by the government. W. H. Evans. *Chautauquan*, 41: 345-7 (June, '05).

Names them and tells briefly of their culture.

Newspaper and the forest. W. S. Rossiter. *Review of Reviews*, 37: 71-6 (Jan., '08).

Shows how the making of paper from wood has affected our forests, how the cost of wood paper has increased, and offers some suggestions as to the solution of the problem of the increased cost of paper.

Opportunities in forest planting for the farmer. A. S. Peck. *U. S. Agric. Dept. Yearbook*; 1909: 333-44.

Other side of conservation. G. L. Knapp. *North American Review*, 191: 465-81 (April, '10).

"A large part of the present 'conservation' movement is unadulterated humbug." Presents facts and arguments against forest and other conservation policies.

Our national resources in the White mountains. P. W. Ayres. *New England Magazine*, new series, 38: 435-49 (June, '08).

Peril of the pines, a sketch of the forest fires of the north.

C. C. Thomas. *World To-day*, 15: 1118-24 (Nov., '08).

Planting trees for profit. T. E. Will. *World's Work*, 15: 9580-8 (Nov., '07).

Tells what the national government, the states, the railroads, and private individuals are doing.

Plea for the forest reserves. T. E. Will. *Independent*, 62: 35-40 (Jan. 3, '07).

Shows the destruction already caused and the necessity for national legislation.

Practicability of forest planting in the United States. W. L. Hall. *U. S. Agric. Dept. Yearbook*, 1902: 133-44.

States the considerations determining the practicability for any specific region and discusses the regions where forest planting is practicable.

Practical forestry in the southern Appalachians. O. W. Price. *U. S. Agric. Dept. Yearbook*, 1900: 357-68.

The region is described, as are also the forest, lumbering, etc., and suggestions for management are offered.

Practical work of the United States bureau of forestry. D. A. Willey. *Scientific American*, 98: 295-6 (April 25, '08).

Tells what has been accomplished in the last ten years.

Present status of the bark disease of the chestnut. H. Metcalf. *Science*, 31: 239 (Feb. 11, '10).

Profession of forestry for young men. G. E. Walsh. *World To-day* 11: 1321-3 (Dec., '06).

Describes the training and work and tells of the opportunities, salaries paid, etc.

Protecting our forests from fire. J. Wilson. *National Geographic Magazine*, 22: 98-107 (Jan., '11).

Reforestation of reservoir lands. E. R. B. Allardice. *Engineering Magazine*, 39: 267-9 (May, '10).

A paper read before the Boston Society of Civil Engineers. "A summary of the cost of reforesting the marginal lands of the Wachusett Reservoir of the Boston water supply system."

Relation of forests to stream flow. J. W. Toumey. *U. S. Agric. Dept. Yearbook*, 1903: 279-88.

A discussion in which the author reaches the conclusion that the economic importance of forests "in regulating the flow of streams is beyond computation."

Riches of the Philippine forests. R. Crandall. *World's Work* 16: 10228-35 (May, '08).

Rivers and the conservation movement. J. H. Quick. *Putnam's Monthly*, 4: 3-15 (April, '08).

Points out that forestry is essential to the redemption of the streams by the reservoir system and touches upon the relation of forests to river flow.

Roof of New England—a plea to save our forests—their economic value set forth. T. L. Hoover. *Craftsman* 11: 434-41 (Jan., '07).

Saving the big trees. F. Strother. *World's Work*, 18: 11697-706 (June, '09).

A well-illustrated article showing the need of further national state and private protection for the remnants of groves being cut.

Saving the tremendous waste of forest fires. B. E. Fernow. *Country Life*, 12: 414-7 (Aug., '07).

Description of fires and of methods of preventing and of fighting them.

Shall our forest wealth be destroyed? T. E. Will. *Popular Science Monthly*, 73: 176-87 (Aug., '08).

Describes forest conditions in the southern Appalachians, tell of the foes of the forest, and gives outline of recent attempts a legislation.

Shall the nation take thought for the morrow? F. P. Elliott. *North American Review*, 192: 209-16 (Aug., '10).

Slaughter of the trees. E. Hough. *Everybody's Magazine* 18: 578-92 (May, '08).

Illustrated article showing the devastation wrought and giving figures, etc. Avers that timber famine is on us now.

State taxation and forest lands. C. F. Robinson. *Political Science Quarterly* 24: 615-22 (Dec., '09).

Gives the experience of Maine and discusses various proposed schemes of taxation.

Statesmanship of forestry. A. W. Page. *World's Work*, 15: 9739-57 (Jan., '08).

The government's methods of perpetuating our forests are described and what it means to the future of the country is indicated.

Tariff and the lumber trade. W. B. Mershon. *Annals of the American Academy of Political and Social Science*, 29:556-8 (May, '07).

Task of the forest service. O. W. Price. *Independent*, 67: 537-45 (Sept. 2, '09).

The work of the service in administering the national forests and in teaching the citizens how to make the best use of private forests and their products.

Tests on the physical properties of timber. F. E. Olmsted. *U. S. Agric. Dept. Yearbook*, 1902: 533-8.

Timber gleaners; a new movement for the prevention of forest fires and the utilization of damaged trees. C. W. Meighan. *Collier's Weekly*, 46: 24 (Dec. 3, '10).

Tree planting on treeless land. S. M. Coulter. *Chautauquan*, 41: 322-5 (June, '05).

Gives data as to reforestation in the United States.

Turning national forests into homesteads. J. L. Ellis. *World To-day*, 16: 636-40 (June, '09).

Shows the benefit to the ranchers or small local owners of the fee system for grazing on the national forests.

Uncle Sam's woodlot. G. Pinchot. *Independent*, 64: 1374-7 (June 18, '08).

Tells how much of the forest reserves are really timber land, speaks of the other uses and of the cost and methods of administration.

Usefulness of forests and what can be done to preserve them. C. Whitney. *Outing*, 51: 625-9 (Feb., '08).

Utilization of eucalyptus. C. S. Smith. *Overland Monthly*, new series, 54: 208-15 (Aug., '09).

This rapidly growing tree appears to be a worthy substitute for many of the most valuable hardwoods that are rapidly exhausted.

Value of the United States forest service. *National Geographic Magazine*, 20: 29-41 (Jan., '09).

The service has been of much value in improving the forest and ranges, diminishing loss from fires, preventing a timber trust, etc.

What a forest fire means. F. J. Dyer. *World's Work*, 10906-8 (Nov., '08).

What New England says on deferred forestry legislation symposium. *New England Magazine*, new series, 39: 17 (Dec., '08).

Gifford Pinchot, Governors Guild of Mass., Floyd of New York, Cobb of Me., Higgins of R. I., and ex-Governor Proctor of N. H. are the contributors.

When our country is fifty years older. R. Zon. *National Geographic Magazine*, 20: 573-80 (June, '09).

Abstracted from "The Future use of land in the United States." U. S. Forest Service Bulletin, No. 159.

~~LIBRARY USE ONLY~~

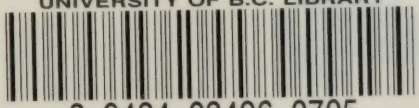
DISCARD

FOR TRY
AGRICULTURE

STORAGE

FORM 310

UNIVERSITY OF B.C. LIBRARY



3 9424 03496 0705

