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UNITED STATES TREE BOOKS

A Bibliography of Tree Identification

by

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Continually the question is asked, "Where can I obtain information about this or that tree?" Anyone who attempts botanical identifications finds himself confused by the vast array of literature on the subject, and yet is frequently hard-pressed to put his finger on the titles that will satisfy the need of the moment.

This list of publications was compiled as the result of the numerous inquiries received for literature on tree identification. Such a bibliography will fill a long-felt need of foresters and botanists. It should also be helpful to librarians, teachers, naturalists, students, and all individuals who are interested in the outdoors.

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INTRODUCTION

This list of 381 titles includes publications on trees of Alaska. "Books" includes publications of all sorts—bound books, bulletins, leaflets, separates, etc., printed or processed. Publications of the twentieth century only are listed. Publications describing shrubby species are also included because some important works on trees include shrubs, because shrub species are continually being discovered in an arborescent state, and because there are relatively few publications on shrubs alone. Emphasis is placed on works that are useful for identification purposes and also on those giving tree information of general interest. Technical works primarily of silvical, ecological, or economic nature are listed only when they contain a considerable amount of descriptive matter or illustrations. Important monographs on tree genera and families are included, but works confined to a single species are omitted. Where a work has been revised, an effort has been made to list only the latest edition or revision.

So enormous is the literature on trees and other woody plants that it is often difficult to know where to draw the line in compiling a bibliography of this sort. For example, the six following works (among others), although they contain a great store of information on United States trees, are omitted from the body of the list, since judging by title alone, many readers might be puzzled by their inclusion.

BAILEY, L. H. *The Standard Cyclopedia of Horticulture*. 3 vols., 3,639 pp., illus. Macmillan Co., N. Y. 1935.

This magnificent work has gone through many printings.

BEAN, WILLIAM JACKSON. *Trees and Shrubs Hardy in the British Isles*. 2 vols., illus. John Murray, London. 1936-50. Vol. 1 is now in Ed. 7, 703 pp., 1950; Vol. 2 is in Ed. 6, 1936.

DOMINION FOREST SERVICE. *Native Trees of Canada*. Ed. 4. 293 pp., illus. (some in color), maps. Dom. For. Serv., Can. Dept. Mines and Resources Bul. 61. Ottawa. 1949.

One of the most beautiful modern tree books.

ELWES, HENRY JOHN, and HENRY, AUGUSTINE. *The Trees of Great Britain and Ireland*. 7 vols., 2,022 pp., illus. Edinburgh. 1906-13.

SCHENK, CARL ALWIN. *Fremländische Wald und Parkbäume*. 3 vols. illus., maps. Paul Parey, Berlin. 1939.

STANDLEY, PAUL C. *Trees and Shrubs of Mexico*. U. S. Natl. Herb. Contrib. 23, 1,720 pp. Washington, D. C. 1920-26.

Originally issued in 5 parts. An extraordinary assemblage of botanical, distributional, and economic information. A valuable reference for tree and shrub species occurring on the southern border of the U.S.—particularly the Southwest.

Likewise, the various botanical manuals are also omitted, though

of course they include trees. Among the most important and useful "floras" of the United States are the following.

ABRAMS, LEROY. An Illustrated Flora of the Pacific States, Washington, Oregon, and California. Vol. 1, *Ophioglossaceae* to *Aristolochiaceae*. 557 pp., illus. 1923-44 (incomplete).

N.B.—This volume was reissued with some changes and corrections in 1940. Vol. 2, *Polygonaceae* to *Krameriaceae*. 635 pp., illus. 1944. Vol. 3, *Geraniaceae* to *Scrophulariaceae*. 861 pp., illus. 1951. Stanford University Press, Calif.

BRITTON, NATHANIEL LORD, and BROWN, ADDISON. An Illustrated Flora of the Northern United States, Canada, and the British Possessions. Ed. 2., reprinted. 3 vols., illus. N. Y. Bot. Gard., N. Y. 1947.

This work is now being thoroughly revised.

DAVIS, RAY J. Flora of Idaho. 828 pp. Wm. C. Brown Co., Dubuque, Iowa. 1952.

DEAM, CHARLES C. Flora of Indiana. 1,236 pp., distribution maps. Ind. Dept. Conserv., Div. Forestry. 1940.

FERNALD, MERRITT LYNDON. Gray's Manual of Botany, Ed. 8 (*centennial*).

A handbook of the flowering plants and ferns of the central and northeastern United States and adjacent Canada. 1,632 pp., illus. American Book Co., N. Y. 1950.

JEPSON, WILLIS LINN. A Flora of California. (Illus.). Associated Students Store, University of California, Berkeley. 1909-43.

Unfinished—author died Nov. 8, 1946. Part 8 of Vol. 1 not published; all of Vol. 2, and two parts of Vol. 3 published.

_____. A Manual of the Flowering Plants of California. 1,238 pp., illus. Associated Students Store, University of California, Berkeley. 1923-25.

KEARNEY, THOMAS H., and PEEBLES, ROBERT H. Flowering Plants and Ferns of Arizona. U. S. Dept. Agr. Misc. Pub. 423, 1,069 pp., illus. 1942. \$2.00.

_____, and Collaborators. Arizona Flora. 1,032 pp., illus. Univ. Calif. Press, Berkeley, Calif. 1951.

PECK, MORTON EATON. A Manual of the Higher Plants of Oregon. 866 pp., illus. Binfords & Mort, Portland. 1941.

PIPER, CHARLES V. Flora of the State of Washington. U. S. Natl. Herb. Contrib. 11, 637 pp., map. 1906.

RYDBERG, P. A. Flora of the Rocky Mountains and Adjacent Plains. 1,110 pp. Published by the author, N. Y. 1918 ("1917"). A so-called Ed. 2 of this work appeared in 1923 ("1922") consisting of extra pages 1111-1144.

_____. Flora of the Prairies and Plains of Central North America. 969 pp., illus. N. Y. Bot. Gard., N. Y. 1932.

SMALL, JOHN KUNKEL. Manual of the Southeastern Flora. 1,554 pp., illus. Published by author, N. Y. 1933.

TIDESTROM, IVAR. Flora of Utah and Nevada. U. S. Natl. Herb. Contrib. 25, 665 pp., illus., colored map. 1925.

WOOTON, E. O., and STANDLEY, PAUL C. Flora of New Mexico. U. S. Natl. Herb. Contrib. 19, 794 pp.

The following bibliographies, in which literature on trees and wood is involved, should be mentioned.

BLAKE, S. F., and ATWOOD, ALICE C. Geographical Guide to Floras of the World. Part I: Africa, Australia, North America, South America, and islands of the Atlantic, Pacific, and Indian Oceans. U. S. Dept. Agr. Misc. Pub. 401. 336 pp. 1942.

Complete through 1939. Part II, Europe and Asia, is now in preparation.

FELDKAMP, CORA L. Landscape Gardening for the Rural Community in the United States. U. S. Dept. Agr. Library List 35, 46 pp. Apr. 1947.

HARLOW, WILLIAM M. State Publications on Tree Identification (United States and Adjacent Canada). 10 pp., N. Y. State Univ. Coll. Forestry, Syracuse. Aug. 1951.

Has State lists of 91 titles and a Canadian list of 6 titles.

UNITED STATES FOREST SERVICE, FOREST PRODUCTS LABORATORY. Some Reference Books on Domestic and Foreign Woods. List R1479, 13 pp., Mar. 1945.

_____. List of Publications on the Growth, Structure, and Identification of Wood. List R177, 37 pp., Apr. 1948.

_____. Some Books About Wood. List R399, 4 pp., Rev. May 1948.

The author extends thanks to his colleague, Dr. Elbert L. Little, Jr., for reviewing this list and offering valuable criticism and suggestions; also to Dr. S. F. Blake, who has offered additional titles and information on later editions. Corrections, additions, or suggestions for improvement by those who use it will be gratefully received.

REFERENCES FOR GENERA AND FAMILIES

BAILEY, L. H. The Cultivated Conifers in North America. 404 pp., illus. The Macmillan Co., N. Y. 1948. A revision of an earlier work "Cultivated Evergreens."

BOMHARD, MIRIAM L. Palm Trees in the United States. U. S. Dept. Agr., Agr. Inform. Bul. 22, 26 pp., illus. 1950. \$0.15.

BOWERS, C. G. Rhododendrons and Azaleas: Their Origins, Cultivation, and Development. 549 pp., illus. The Macmillan Co., N. Y. 1936.

- CAMPUS, AIMÉE. Les Chênes; Monographie du Genre *Quercus*. 2 vols., illus. P. Lechevalier & fils. Paris. 1934-39.
- DALLIMORE, W., and JACKSON, A. BRUCE. A Handbook of Coniferae. Ed. 3. 682 pp., illus. Edward Arnold & Co., London. 1948.
- FLOUS, F. Révision du Genre *Pseudotsuga*. Toulouse Lab. For. Trav. Vol. 4, Art. 2, 132 pp., illus. (Extract from Toulouse Soc. d'Hist. Nat. Bul. Vol. 71, pp. 33-164. 1937). Toulouse, France. 1936.
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- FRANCO, JOAO DO AMARAL. Abetos. Inst. Sup. Agron. An. Vol. 17. 261 pp., illus. Separate. Lisbon, Portugal. 1950. A world monograph on firs.
- FULLING, EDMUND H. Identification, by Leaf Structure, of the Species of *Abies* Cultivated in the United States. Torrey Bot. Club Bul. 61: 497-524, illus. Dec. 1934. Includes native species.
- HARLOW, W. M. The Identification of the Pines of the United States, Native and Introduced, By Needle Structure. N. Y. Coll. Forestry Bul. Vol. 4, No. 2a, 60 pp., illus. 1931.
- HENRY, AUGUSTINE, and FLOOD, MARGARET G. The Douglas Firs: A Botanical and Silvicultural Description of the Various Species of *Pseudotsuga*. Roy. Irish Acad. Proc. 35(5), Sec. B: 67-92, illus. Dublin. 1920.
- JACKSON, A. BRUCE. The Identification of Conifers. 152 pp., illus. Edward Arnold & Co., London. 1946.
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- JONES, GEORGE NEVILLE. A Synopsis of the North American Species of *Sorbus*. Arnold Arbor. Jour. 20(1): 1-43, illus. Jan. 1939.
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- PALMER, ERNEST J. Hybrid Oaks of North America. *Arnold Arbor. Jour.* 29(1): 1-48. Jan. 1948.
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- SCHNEIDER, CAMILLO. Notes on American Willows. 1918-21. A series of papers on North American willows published in the *Botanical Gazette* for 1918 and Vols. 1-3 of the *Journal of the Arnold Arboretum*.
- SHAW, GEORGE RUSSELL. The Genus *Pinus*. *Arnold Arbor. Pub.* 5, 96 pp., illus. Riverside Press, Cambridge, Mass. 1914.
- SMALL, JOHN K. Palms of the Continental United States. *Sci. Monthly* 32: 240-255, illus. Mar. 1931.
- TRELEASE, WILLIAM. The American Oaks. *Natl. Acad. Sci. Mem.* 20, 255 pp., illus. 1924.
- VIGUÉ, MARIE-THERÈSE, and GAUSSEN, HENRI. Révision du Genre *Abies*. *Toulouse Lab. For. Trav.* Vol. 2, Art. 1, 386 pp., illus. Published in two fascicles as extracts from *Toul. Soc. Hist.* Vol. 57, pp. 369-434, and Vol. 58, pp. 245-564, 1928-29. Toulouse, France. 1928-29.
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- _____. Native American Species of *Prunus*. *U. S. Dept. Agr. Bul.* 179, 75 pp., illus. Apr. 2, 1915.
- WOLF, CARL B. The North American Species of *Rhamnus*. *Rancho Santa Ana Bot. Gard., Bot. Ser. Monogr.* 1, 136 pp., illus, maps. 1938.
- _____, and WAGENER, WILLIS W. The New World Cypress-es. *El Aliso Vol.* 1, 444 pp., illus. *Rancho Santa Ana Botanic Garden, Anaheim, Calif.* 1948.

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BRITTON, NATHANIEL LORD, and SHAFER, JOHN ADOLPH. North American trees. 894 pp., illus. Henry Holt & Co., N. Y. 1908.

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CROSS, P. G. Our Friends the Trees. 334 pp., illus. E. P. Dutton & Co., N. Y. 1936. Largely philosophical and practical essays.

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FELT, EPHRAIM PORTER. Our Shade Trees. Ed. 2. 316 pp., illus. Orange Judd Pub. Co., N. Y. 1942.

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—————. *The Book of Shrubs*. Ed. 5. 438 pp., illus. A. T. De La Mare Co., Inc., N. Y. 1950. Contains botanical, horticultural, and landscaping information on both native and cultivated shrubs.

ILLUICK, JOSEPH SIMON. (A series of ten illustrated articles on beech, birch, maple, oak, pine, sycamore, and walnut appearing in *American Forests* in Vol. 27 (1921) (July, Aug., Sept., Nov.); Vol. 28 (1922) (Jan., Mar., June, Sept., Oct.), and Vol. 31 (Aug., 1925). 1921-25.

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pp., maps; Part II, Angiospermae, 125 pp. Colo. Agr. Coll., Forestry Dept., Fort Collins. 1934.

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MARX, DAVID S. Learn the Trees From Leaf Prints. 1940. Unpaged. Illus. with 38 pls. of leaf-prints of 194 tree species.

MATTHEWS, FERDINAND SCHUYLER. Familiar Trees and Their Leaves, described and illustrated. 320 pp., illus. D. Appleton & Co., N. Y. 1901.

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MATTOON, WILBUR R. Forest Trees and Forest Regions of the United States. U. S. Dept. Agr. Misc. Pub. 217, 55 pp., illus. 1936.

McKENNEY, MARGARET. Trees of the Countryside. 62 pp., illus. (with lithographs in color by Alice Bird). Alfred A. Knopf, N. Y. 1942. For children; 29 species (both eastern and western), native and cultivated, are annotated.

MUENSCHER, W. C. Keys to Woody Plants. Ed. 6. 108 pp., illus. Comstock Publishing Co., Ithaca, N. Y. May 1950.

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MURRILL, WILLIAM ALPHONSO. Trees. 65 pp. Published by author, Gainesville, Fla. 1945.

PEATTIE, DONALD CULROSS. Trees You Want to Know. 95 pp., illus. Whitman Pub. Co., Racine, Wis. 1934. Descriptions given for 178 species, with illustrations in color, those of eastern species reproduced from the classic "Silva of North America" by Michaux. Pocket-size, 3¼ x 5 in.

PRESTON, RICHARD J., JR. North American Trees (exclusive of Mexico and tropical United States). 371 pp., illus., maps. Iowa State College Press, Ames. 1948.

RANDALL, CHARLES E., and EDGERTON, D. PRISCILLA. Famous Trees. U. S. Dept. Agr. Misc. Pub. 295, 116 pp., illus. 1938. Notes on trees remarkable for size, associations, etc.

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- SARGENT, CHARLES SPRAGUE. *The Silva of North America; a description of the trees which grow naturally in North America exclusive of Mexico*. 14 vols., illus. Houghton, Mifflin & Co., Boston and New York. 1891-1902. This magnificent work was later reproduced, in a reduced size, by photographic process.
- _____. *Manual of the Trees of North America (exclusive of Mexico)*. Ed. 2. 910 pp., illus., map. Houghton, Mifflin & Co., Boston and New York. 1948.
- SCHOONOVER, SHELLEY E. *American Woods*. 250 pp., illus. Watling & Co., Santa Monica, Calif. 1951. Contains notes on 137 species of trees and their woods, mostly natives but including a few species naturalized or commonly cultivated in this country, with considerable miscellaneous information. The illustrations, mostly half-tones or color, are superb.
- TRELEASE, WILLIAM. *Plant Materials of Decorative Gardening. The woody plants*. 177 pp. Published by author, Urbana, Ill. 1921.
- _____. *Winter Botany*. Ed. 2, Rev. 396 pp., illus. Published by author, Urbana, Ill. 1925. Twig, bud, and leaf-scar keys for woody plants.
- UNITED STATES FOREST SERVICE. *Wood Handbook*. 326 pp., illus. 1940. (Prepared by R. F. Luxford, George W. Trayer *et al.* of Forest Products Laboratory and the Division of Forest Products, Branch of Research).
- _____. *Useful Trees of the United States*. 1941-43. A series of 28 4-page leaflets, covering 17 softwoods and 11 hardwoods.
- _____. *Woody-Plant Seed Manual*. U.S. Dept. Agr. Misc. Pub. 654, 416 pp., illus. 1948. \$3.00.
- _____. *Edible Fruits of Forest Trees*. 4 pp. 1950. Un-numbered leaflet.

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EASTERN STATES GENERALLY

- BLACKBURN, BENJAMIN. Trees and Shrubs in Eastern North America. 358 pp., illus. Oxford University Press, N. Y. 1952.
- BLAKESLEE, ALBERT FRANCIS, and JARVIS, CHESTER DEACON. Trees in Winter; Their Study and Identification. 292 pp., illus. Macmillan Co., N. Y. 1931. This book, of eastern and cultivated trees, is an abridged edition of "Trees in winter; their study, planting, care, and identification," 446 pp., same authors, published in 1913 and reprinted in 1926.
- COPE, J. A., and WINCH, FRED E., JR. Know Your Trees. Cornell Univ. 4-H Club Bul. 85. 77 pp., illus. Ithaca. Mar. 1948.
- EMERSON, ARTHUR I., and WEED, CLARENCE M. Our Trees, How to Know Them. 295 pp., illus. (with "photographs from nature" by senior author). Garden City Pub. Co., Garden City, N. Y. 1946. This book, originally published in 1908 by J. B. Lippincott Co., Philadelphia, went through at least five editions and, as indicated, has recently been republished by another firm. It deals primarily with eastern and cultivated trees.
- FOX, HELEN M. Low-growing Native American Flowering Trees. Natl. Hort. Mag. 23(2): 64-72, illus. Apr. 1944. Deals with eastern trees.
- HARLOW, WILLIAM M. Trees of the Eastern United States and Canada. 288 pp., illus. Whittlesey House (McGraw-Hill Book Co., Inc.), New York and London. 1942.
- _____. Twig Key to the Deciduous Woody Plants of East-

ern North America. Ed. 4. 56 pp., illus. Published by author, Syracuse, N. Y. 1946.

HOUGH, ROMEYN BECK. Handbook of the Trees of the Northern States and Canada East of the Rocky Mountains. 470 pp., illus. The Macmillan Co., N. Y. 1947. Frequently reprinted from the original 1907 edition.

ILLICK, JOSEPH S. Tree Habits: How to Know the Hardwoods. 337 pp. American Nature Assoc., Washington, D. C. 1924. Essentially eastern.

JAQUES, HARRY EDWIN. How to Know the Trees; all-illustrated key to the most common species of trees found east of the Rocky Mountains, with suggestions and aids for their study. 166 pp., illus. Dubuque, Iowa. 1946.

KEELER, HARRIET L. Our Northern Shrubs and How to Identify Them. 521 pp., illus. Chas. Scribner's Sons, N. Y. 1910.

_____. Our Native Trees and How to Identify Them. 533 pp., illus. Chas. Scribner's Sons, N. Y. 1929. This book first appeared in 1900 and has gone through many reprintings. Mrs. Keeler died in 1921.

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