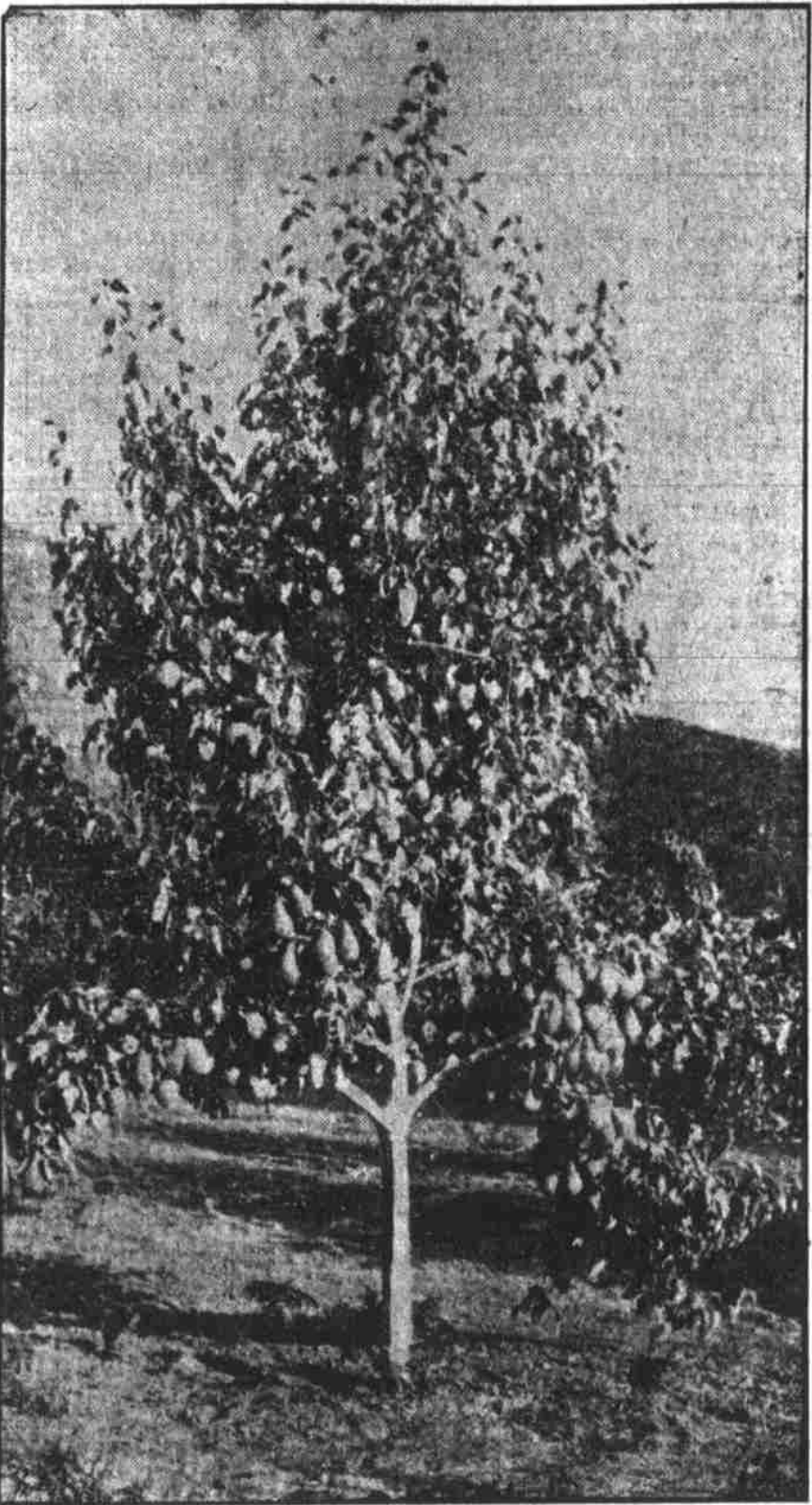


SCIENCE OF PRUNING TOLD AND ILLUSTRATED

The first point in cleaning up a fruit garden or orchard, is to decide what trees or bushes, if any, should be removed entirely.



PROPERLY PRUNED.

In pruning, if the tree is vigorous and healthy and bearing fruit, the necessary pruning will be merely to thin out the top so that no large limbs will cross, and those distributed as evenly as possible.

Leave Only Sound Limbs. If the top is old and scraggly, diseased and scale infested, as so many are, then climb into it prepared to do some vigorous work.

Currents and Gooseberries. Currants and gooseberries should have all the old wood cut away, leaving four to six of the one and two-year-old shoots, shortened to the desired length.

Trees Must Be Sprayed. If you wish to hire the spraying done, there are several men about Portland who will do it for from 5 to 25 cents per tree, according to the size of tree and ease of access to it.

Formula for a Spray. The formula for a lime, sulphur and salt spray is: 1 pound lime, 1 pound sulphur, 1 pound salt to each 3 gallons of spray.



Cleft grafting—a, splitting the stock; b, scion prepared for insertion; c, scion inserted. Successive steps of stock grafting—d, splice graft; e, tongue graft, separate parts; f, tongue graft, parts united; g, wax applied.

Antique Bonnets Shown. Miss Emily Duttilh loans a collection of many years. From the Philadelphia Bulletin. Miss Emily Duttilh of 211 South Broad street for many years has been making a collection of bonnets, which, now that it is completed, she has loaned to the Pennsylvania Museum and School of Industrial Art.

Mother's! Mother's!! Mother's!!! Mrs. Winslow's Soothing Syrup. Has been used for over SIXTY YEARS by MILLIONS OF MOTHERS FOR THEIR CHILDREN.

GOSSIP ABOUT SOME CURRENT BOOKS

"The New American Navy."—John D. Long, ex-secretary of the navy. With the navies of the world massing their strength, tried and untried; fitting themselves for active combat; waiting with strained ears and nerves for the first gun which, if sounded, will plunge them into the greatest conflict the world has ever seen.

The first volume begins with the birth of the new navy in 1882-1883, when congress authorized the construction of three steel cruisers and one steel dispatch boat, which, however, were never built, but a year after resulted in the construction of the Boston, Chicago, Atlanta and Dolphin.

Unfortunately this cannot be said for all parts of this book. Undoubtedly the ex-secretary wrote from official records, but we are too near to them to forget that even they were disputed by contending factions, and as a history of war events, which occurred during Mr. Long's incumbency, a generation at least must pass away ere many things are accepted without a question mark in the minds of the readers.

The troubles in Samoa and later the Boxer troubles in China and the part the navy took in them is graphically told. Throughout the book is clear, concise and to the point, and written by one who had every opportunity to observe and appreciate the strength and weakness of our new navy, as its secretary for five years, the book should be of inestimable value both to the constructors of the navy and the department that directs their movements.

"Montaigne's Essays."—A reprint of the Florio translation, which is soon to be issued by the Houghton-Mifflin company, in the Riverside Press series of limited editions, is looked forward to by the literati of the country, especially those who are interested in French literature, with unusual pleasure on account of the editor, Mr. George B. Ives, having had access to the valuable collection recently acquired by the Harvard library. This collection was the property of the late Professor Ferdinand Bocher, and procured by Harvard through the generosity of Mr. James H. Hyde.

"American Art Annual."—After two years suspension this valuable book has reappeared, including in its scope all art events occurring in the last year. The usefulness of its art directory is apparent to artists, art students, clubs and schools. It has also a record of exhibitions and important sales. The catholicity of the editor, Miss Florence N. Levy, is shown in the list of writers on art, mostly of the decided race of critics, but this list is manifestly incomplete. The misprints that disfigured the earlier copies have measurably disappeared.

Only One More Week Of Our January Clearance Sale of Books. A FEW SPECIALS. KINGSLEY'S WORKS, 3 volumes \$3.15. SHAKESPEARE'S WORKS, 8 volumes \$2.95. IRVING'S WORKS, 8 volumes \$2.75. COOPER'S WORKS, 5 volumes \$2.25. HAWTHORNE'S WORKS, 9 volumes \$2.40.

French literature, as he not only perfected a style, but created one, and like so many writers previous to the 18th century much of his life and valuable work remains unobserved.

"The Consul."—The Equitable Life Assurance society and French classics seem incongruous, and yet the vice-president of the former has done more for the promotion and recognition of the latter in America than any other person. It has been through Mr. James H. Hyde's indefatigable work and generous gifts to various universities that valuable Montaigne material has been found.

"Algonquin Indian Tales."—By Egeron R. Young, is a fine new book for all lovers of outdoor life and Indian adventure. The tales are few men who know so much about Indian legends, and the history and life of these American tribes as the author of this book. This knowledge combined with a happy style of narrative lends an irresistible charm to all of his books.

"The Yellow Ban."—Richard Whiting. This is Mr. Whiting's first novel since his great success, "No. 5, John Street," and in it he does for the rural districts of England, what his early book did for the city of London. The contrast between the life of the great estate-owners of England and that of their tenants in the country villages is the motive of the story which is full of delicate bits of comedy and of a finish that gives charm to every chapter.

"Pa Gladden."—By Elizabeth Cherry. This is one of the most original and entertaining characters in recent fiction. In him is the unique mingling of religious sentiment and racy humor. The story of his singular experience in a remote community, his relation to the people and the animals among whom his kindly life is led—has a strange fascination. The work is likely to be one of the most notable issues of the year.

"Japan's Mikado Is More Than an Oriental Figurehead."—From the Kansas City Star. Compared with few foreigners have seen the mikado of Japan closely. In spite of its wonderful advance in Occidental ideas in recent years, Japan retains enough of Orientalism to insist upon a certain seclusion for its ruler.

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DR. WING LEE

CHINESE PHYSICIAN, 280 Burnside St., Portland, Oregon.

feudalism that bound Japan to the middle ages were broken; a constitution was granted by him voluntarily; the old social order of caste limitations gave way to a more liberal order of equality; modern education, literature, arts, science and industry were welcomed; the army and the navy were changed from the bow and arrow stage to modern organizations. It was only this remarkable advancement in the reign of Mutsuhito that made it possible for Oriental Japan to be equal to the task of a possible successful war with Russia.

BELMONT WAS PLEASED.

From the New York World. William Jennings Bryan greeted Perry Belmont yesterday in the Shoreham hotel. Mr. Belmont had not met Mr. Bryan since they were in congress together before Mr. Bryan was nominated for president the first time.