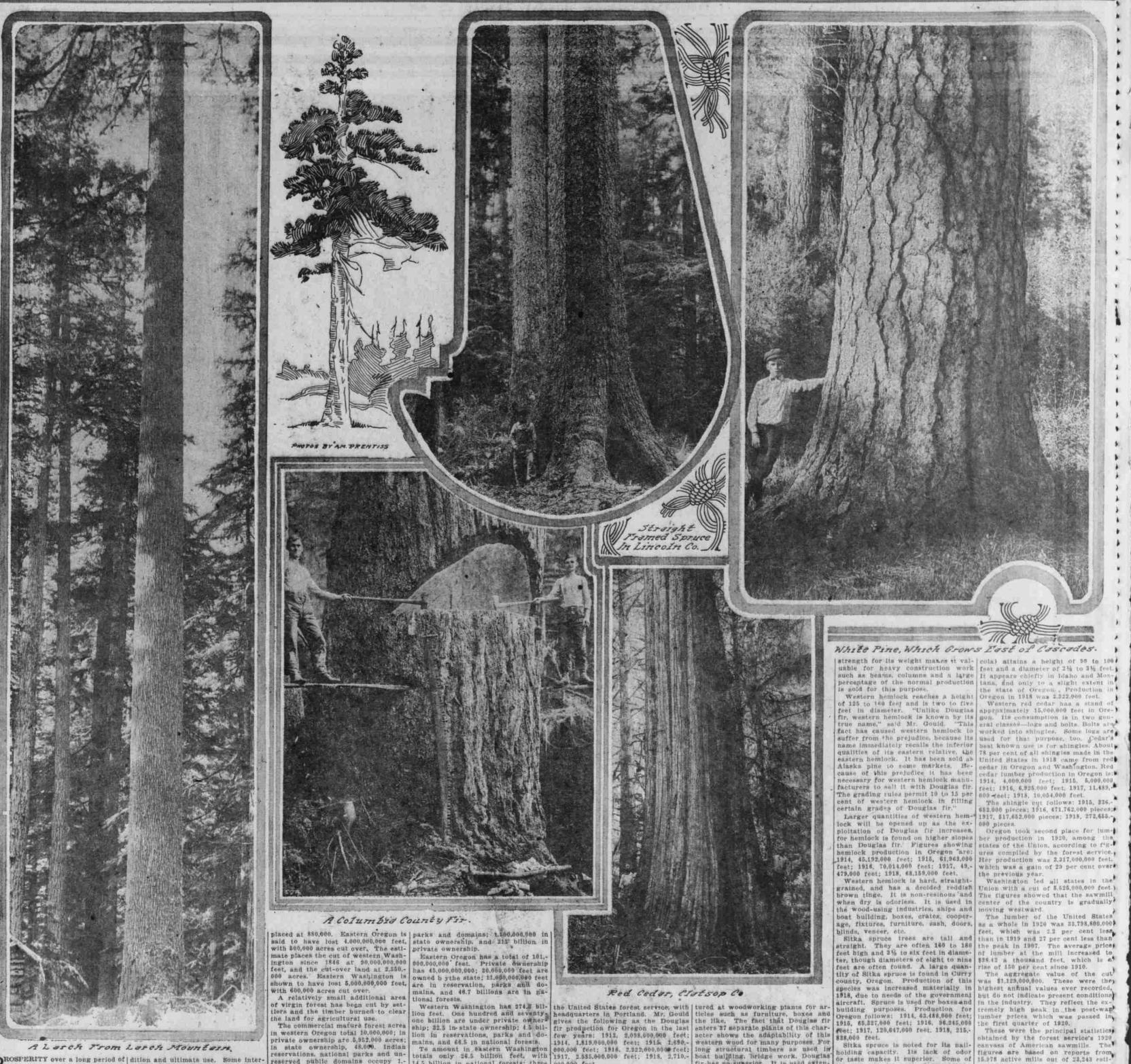
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## TIMBER RESOURCES OF WEST KEY TO LONG PERIOD OF PROSPERITY

Oregon Leads Nation With Stard of 444,000,000,000 Feet of Commercial Value-Douglas Fir Shows Adaptability for Unusual Number of Uses-Large Bodies of Hemlock to Be Tapped-Business Is Better



A Larch From Larch Mountain.

DROSPERITY over a long period of dition and ultimate use. Some intertime-active sawmill and logging esting facts regarding the timber

operations, employment for many thousands more men and an equable climate. That is what timber means to Oregon! With the forests of the north depleted and with the southern pine belt facing the prospect of ex-some 28,000,000 acres of forest land. operators of the United States have not all commercial timber, however, and unreserved public domain; and About 30 per cent of this acreage of 4,500,000 in national forests. their eyes on the great forests of the timber has been devastated by fire, For here is found the last great so that the amount of timber availstand of timber of the nation. The lat- able is far below what it would have est estimates made by the forest serv- been if every acre contained a normal ice of the quantity of standing com- stand spared by fire. East of the mercial timber in all forms of owner- Cascade range in Oregon and Washship give Oregon 444,000,000,000 feet ington there were originally 20,000,-and Washington 301,000,000,000 feet 000 acres of forest, a minority of This recompliation of estimates has been made in response to senate reso-lution 311-the Capper resolution-the cut annually in Oregon and 5,500,000,calling upon the secretary of agricul. 000 feet of logs in Washington, inture for information regarding the cluding cedar cut for shingle bolts, and domains; 170,000 in state owner-amount of timber in the United States, This means the annual cutting of ship and 1,830,000 in private owneramount of timber in the United States, over 100,000 acres of Oregon's timber ship. vestigators were impressed by the in- land and 160,000 acres of Washing- The volume of merchantable tim- will be materially increased. At presconsistencies in the various cruises ton's.

and the absence of reliable and de-

in state ownership, 48.000. Indian reservations, national parks and unreserved public domains occupy 1 .-14.5 billion in national forests; three billion in reservations, parks and do- "The wood 000,000 acres and national forests

total 3,000,000 acres. Eastern Oregon's total acreage is slaced at 8,775,000. Of this amount hands.

3,345,000 are in private ownership: 20,000 in state ownership; 1,000,000 in Indian reservations, national parks

Western Washington has 7,500,000 acres of commercial mature forest acres. In private ownership are the major part of the dense stand of timber found on the western slope of It has been estimated 4,020,000 acres; in state ownership, 170,000; in Indian reservations, national parks and unreserved public domains, 180,000; and in national forests 2,500,000. It ordinarily reaches 180 to 190 feet

Eastern Washington's forest acres in height and 3% to 6 feet in diamaggregate 4,300,000, with the follow-ing divisions: 1,800,000 in national and from 8 to 10 feet in diameter are ing divisions: 1.800,000 in national and from 8 to 10 forests; 500,000 in reservations, parks frequently found.

It is expected that with the decline of the southern pine cut the production of Douglas fir and other species

ton's. It is estimated that 30,000,000,000 ber, log scale, in western Oregon is ent more lumber is cut from Douglas fir each year than from any other tailed information as to the amount feet of logs have been cut in western 243,000,000 feet. Of this amount species. Much valuable information of timber in the several counties, the Oregon since logging operations be- \$5,500,000,000 feet are in national for- and useful statistics on production amount of cut-over land, and its con- gan in 1846. The acreage cut over is ests; 45,000,000,000 in reservations, have been furnished by C. W. Gould of

totals only 16.5 billion feet, with 1917, 2.555,000,000 feet; 1918, 2,710,- boat building, bridge work, Douglas" fir has no superior. It is used exten-

"The wood of Douglas fir varies sively in manufacture of sash, doors, mains; one billion in state owner-ship and eight billion in private hands. hip and eight billion in private from fairly soft, tine-grained, in our single soft, time-grained, the soft soft, time-grained, the soft soft, time-grained, the soft soft, time-grained, time-grained, the soft soft, time-grained, tim source is its large stand of Douglas fir. This timber, sometimes called Douglas spruce, yellow fir. red fir. Oregon pine or Washington fir, is the most shudden is strong, tough, resilient, straight-grained, resinous and com-paratively light. When slash sawed pipe, pulleys, foundry appliances, saf-pipe, pulleys, foundry appliances, saf-pipe, pulleys, foundry appliances, saf-pipe, pulleys, foundry appliances, safmost abundant and the largest tree in Oregon and Washington. It forms in alls firmly and is fairly dur-boids nails firmly and is fairly dur-Douglas fir is used also for making cooperage, pulp and paper, veneer, ross ties, posts, poles and pilling, It has been estimated that about

the Cascade mountains. Its range varies in altitude from sea level to about 6000 feet. In soil to its liking Resistance of hr to abraision makes.

## TIMBER STAND IS SHOWN BY SPECIES.

Species-		4	West. Ore.	West. Wash.	East, Ore.	East Wash
Western Western Sitka spi	fir. yellow pine hemlock red cedur uce		275	159 60 32 6	13 65	8 13 1 1
Totals			. 342	275	101	26

or taste makes it superior. Some of its uses are for sash, doors, blinds,

boxes, crates, car work, furniture, sral thousand mills cutting less than novelties, agricultural implements, 50,000 feet were not tabulated, but sounding boards, plano keys, parts of allowance was made for their cut. the Pacific const group and the Rocky electrical equipment. ountains. Oregon, in taking second "Western yellow pine is commonly

place, nosed out Louisiana. Califorcalled yellow pine, bull pine, western soft pine and white pine, but the official term is western yellow pine," cific coast and Rocky mountain dis-said Mr. Gould. "The trees reach a trict produced 35.6 per cent of the elfic coast and Rocky mountain disheight of 125 to 140 feet, and are from country's cut. six to seven feet around."

Western yellow pine production i 438,000,000 feet. The wood varies from a pale lemon

to orange brown or reddish yellow One of the features of the industry, It is light, fine-grained and very is the small sawmill. Many of these slightly resinous. The largest use plants are in operation all over the probably is for boxes for shipping state's timbered areas, and in some fruits and vegetables. Western yellow cases are run as side lines to other pine is an ideal wood for sash, doors, businesses. The smail mills claim, bilinds, columns and interior wood-work. It nails well and does not split readily. Western white pine (pinus Monti- sums in overhead



mated to have been in operation. Sev-