

60 PER CENT OF TREE IS WASTED

So Says Dr. Wilson Compton in Urging Preservation of West's Timber.

EUGENE, Ore., June 19 (AP)—Asserting that 60 per cent of every tree cut in the timber lands of the United States is wasted, Dr. Wilson Compton, secretary and manager of the National Lumber Manufacturers' association of Washington, D. C., today asked assembled scientists of the Pacific coast to lend their best efforts "toward preservation of the most precious resource." He spoke at the annual meeting of the Pacific coast division of the American Association for the Advancement of Science.

"Of the average tree cut for lumber manufacture, one-fourth, including defective trees, tops, limbs and stumps, is left in the woods unutilized," Dr. Compton said. "Because there is no present use for it. Of the log brought to the saw mill, one-fourth, consisting largely of bark and saw kerf, is not utilized except for fuel. Another fourth, consisting of slabs, edgings and trimmings is usually converted, so far as possible, into by-products. The other 50 per cent of the log emerges in the form of rough lumber.

Named To Office



Dr. Harold C. Bryant has been appointed assistant to the director of the national park service in charge of education and research work.

use of these resources. But it is also true that the permanent status of the lumber industry will not be determined until science and industry together, and much more extensively than has heretofore been done, shall have explored the possibilities of improved utilization of wood.

"If science will lead the way, industry will follow."

THOUSANDS OF TONS OF WOOL GOES TO PORT

PORTLAND, Ore., June 19 (AP)—A saving of a fraction of a cent a pound by water transportation as against rail is sending thousands of tons of wool through the port of Portland this year that formerly moved inland.

As a consequence the American-Hawaiian Steamship company has added four vessels to the regular intercoastal sailings from this port. Two of the extra ships have loaded and two others are to arrive within the week.

The saving in transportation is being effected by the National Wool Growers' association, nationwide cooperative formed under the direction of the federal farm board.

TO ACCREDIT 5 COUNTIES

SALEM, Ore., June 19 (AP)—Five more Oregon counties are soon to be accredited by the state livestock sanitary board with respect to bovine tubercular infection, according to Dr. W. H. Latta, state veterinarian, and next winter three others will be added. Those to be accredited at once are Coos, Deschutes, Curry, Columbia and Benton, and those expected to qualify next winter are Clackamas, Lane and Linn.

Counties already accredited are Tillamook, Clatsop, Polk, Josephine, Lincoln, Yamhill and Hood River.

A \$400,000 building for the school of commerce and finance of St. Louis university will be built this summer.

Gasoline tax collected in Mississippi for May totaled \$662,130.-45.

Thirteen million barrels of flour are shipped to Chicago annually.

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"Nor does the loss of material end there. When the finished lumber is used, the further fabricating losses in building usually range between 5 and 15 per cent; in box manufacture, between 10 and 15 per cent; in furniture making nearly 25 per cent.

"Of the total wood content of the average tree, therefore, as it stands in the woods, only 25 per cent in its finished form is finally used in ordinary building, and less than 20 per cent in the more exacting manufacture of finely fabricated wood products.

"These facts give a fair quantitative measure of the stupendous physical opportunities for more complete utilization of raw material in the wood industries. They provide a great field for scientific exploration."

"Our age has been described often as the age of steel, the age of electricity, the age of concrete, the age of anything except wood," Dr. Compton said. "Unmindful of the fact that timber is our only renewable natural resource, the impression has gained popularity that our forests are vanishing.

"Timber is the world's greatest resource," he continued. "The lumber and wood-using industries are its greatest industrial asset."

Of the annual drain upon the forests of the country, Compton said, less than 25 per cent goes into the manufacture of lumber. Nearly 40 per cent is used for fuel; only 4 per cent for wood chemical and pulp purposes. Ten per cent is destroyed by forest fires, tree diseases and forest insects.

Speaking of European culture of forests, Dr. Compton said "forestry in America has still a long way to go to reach that point. America still burns from ten to twenty million acres each year. Fires each year burn over an area twice as great as the area logged by the industries. The average in Sweden is less than 500 acres, and in many continental countries, proportionately even less."

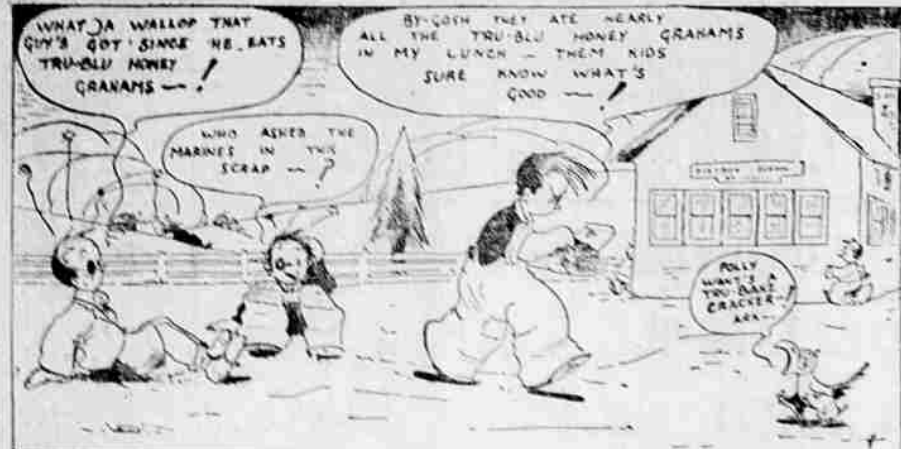
"Scientific research in wood utilization," the speaker said, has its largest opportunities in four directions:

"First: In the determination of the mechanical, physical and chemical properties of the important commercial American woods

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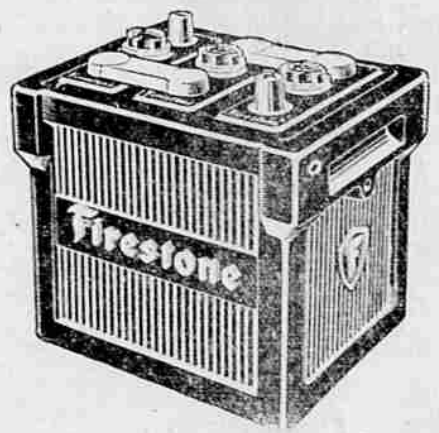
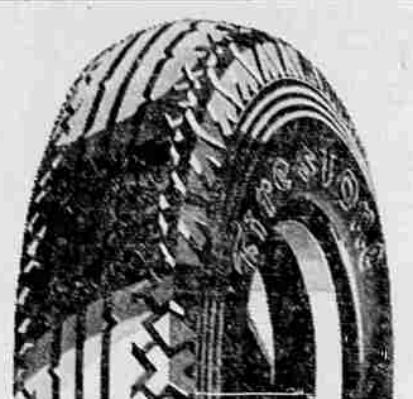


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