# **HUGE SALE OF PUBLIC TIMBER**

# Sierra Forest Opened to Lumber Companies.

Feet - Growth Will Replace Small Percentage Used.

Washington, D. C .- Final arrangements for the sale of 800,000,000 feet of government timber to the Sierra Sugar Pine company, a California corporation, will shortly be concluded in San Francisco by Chief Forester Henry S. Graves, who is due to arrive there on September 28.

The timber, which stands in the Sierra national forest, has already been awarded, after public advertisement, but, under the terms of the advertisement, the contract will not become binding until the company has been shown on the ground what timber the government will reserve in order to provide for reproduction, and as agreed in writing to the terms im-

The company will be allowed to cut in full 800,000,000 feet, but it will not be allowed to cut clean. As a rule, the Forest Service reserves about one-third of the stand.

"Such large and long-term sales are a new development of the service,' said Chief Forester Graves. "Great bodies of mature but inaccessible timber can be put on the market only if sale contracts are let on terms which will justify a very heavy initial investment in transportation facilities. In entering into such contracts, however, special safeguards to protect the public against monopoly and to prevent an undue speculative profit to the purchaser are employed.

"The national forests contain the equivalent of nearly 600,000,000,000 feet of timber now of merchantable total of 27,034 cars. size, besides young growth for future from market, only a small percentage sale of less than one-fifth of 1 per cent by other companies.

The timber which has been sold to back in the Sierra Nevada mountains miles of standard gauge railroad to tory of the railroads. One reports no open up the area. The company is surplus cars whatever at the present a quarter of an inch thick, and when-given a cutting period of 22 years to time, while another lays stress on the ever possible should be at right angles tional two years for the construction the Missouri river is becoming strong moved. The proportion of rings govof logging and manufacturing facili- and grain shipments have increased erns the grading of the fruit to a con-

'For several years the Forest Service has been selling in the neighborbood of \$1,000,000 worth of national forest stumpage each year, but this, combined with what is cut for free use, is only one-eighth of what might be cut without reducing the permanent stock of the forests. The supply will be kept up through growth. By making long-term sales, it will be possible greatly to increase the amount available for present needs of the timber-consuming public, without endangering future supplies through over-cutting.

# STRIKERS CAPTURE UTAH MINE; FIRE ON SHERIFFS his statements.

men employed in the copper mines many Eskimos with blue eyes, reddish here laid down their tools Thursday hair and light complexions. If these morning, after the operators refused white Eskimos are descendants of the to meet their demands for an increase lost colonists of Greenland, it is inin pay of 50 cents a day. Every mine teresting to know that this type of in the camp, with one exception, is

The strikers are mostly foreigners and are determined that no one shall found the facial index was the same enter the mines or buildings until their demands have been granted.

Shots were fired when deputies marched to the mines to draw the fires. A striker was shot by a deputy at another point.

# Criminal Bureau Is Plan.

Wenatchee, Wash. - The organization of a bureau for the detection of cipal matters discussed at the semiaccurate record of all criminals in the conformity with the budget plan. West. A bureau where thumb prints, kept is to be established.

# Heat Record Is Broken.

San Francisco-San Francisco and Sacramento were singled out as points of attack by a heat wave Thursday, placed in communication with the outboth cities recording temperatures of side world by rail Saturday. The first about 10 degrees above the average train sent to the copper camp from for the rest of the state. The San Naco since the rebels under Emilio Francisco maximum was 94 degrees, a Campa destroyed the bridges at Vilrecord for the year. The prophecy is laverde contained provisions, which for a drop in the thermometer of from were becoming scarce at Cananea. A 5 to 10 degrees, with indications of trainload of copper bullion was shipclear weather immediately to fol-

# Shingle Market Is Firm.

Seattle, Wash.-Efforts of wholesale shingle dealers to break the market and force prices down so far has met with little success. shingles for future delivery at \$2.50 pany, including a 12 per cent increase in the East, the prevailing price at in pay, a like increase for overtime the mills on the Coast. So far as work and a reduction in hours from an cut prices.

REBELLION IS FAILING.

Superior Mobility of Insurgents, However, May Prolong War.

Washington, D. C. - Further evidence of the weakening of the Orozco rebellion is conveyed to the State and War departments in the latest reports from army officers and consuls of the movements of the various rebel leaders operating in Northern Mexico.

These movements are so irresolute as to satisfy the officials that no California Firm Buys 800,000,000 longer are the various generals acting under common leadership.

Officials here say reports show that nowhere do the rebels feel disposed to meet the government forces in action except where they can attack some small town or mining camp garrisoned by a force much smaller than their own. It is expected this sort of warfare may be kept up several weeks or even months, in view of the superior mobility of the well mounted rebels who are living on the country and are free from heavy equipment or artil-

Colonel Pasqual Orozco, Sr., and other rebel officers captured by Captain Mitchell, of Presidio, Texas, have been turned over to the United States civil authorities at Marfa.

The mining plant at El Tigre, which was captured recently by the rebels and retaken by the federals a few hours later, has begun to operate

Robbing and looting are still prevalent in the neighborhood of Madgalene.

## DEMAND FOR CARS GREAT.

Northwest Railroads Break Records In Handling Grain.

Chicago - Results of the bountiful crop to be moved this year by the railroads are beginning to show themselves in the statistics of car movement. This is brought out strikingly in the case of the Chicago & Northwestern railway, which is breaking all previous records in this respect. The Northwestern on September 13 moved on the lines of its system 28,000 almost duplicated the figures with a

This, it is said by the management harvest. Because of its remoteness of the road, exceeds greatly any record must be exercised lest too much sulheretofore established for a single can now be sold on any terms. The day's business and the performance is dition forbidden by law. The time made possible by extensive terminal of our total supply to one company improvements which have been inleaves plenty of room for competition stalled in the past two years, enabling a more expeditious movement of cars.

the California companies lies well constant increase in the demand for a good estimate of the amount recars and all indications point to one and will require the construction of 70 of the largest traffic years in the hisremove the timber, besides an addi- fact that the demand for cars west of to the hole whence the core was repercepitbly in the last week, bringing business as a whole above last year by a considerable margin.

## WHITE ESKIMO CREDITABLE.

## Scientists Believe Explorer Stefanson Will Prove Claims.

Washington, D. C .- The lost tribe of Europeans, the white Eskimos, whom Vilhjalmor Stefanson found in the Arctic Circle, are old friends of the scientists of the National museum. Dr. Walter Hough, of the ethnological department of the museum, one of the greatest authorities on Ameri-

can aborigines, said he believed the explorer would be able to substantiate "There are three important features

Bingham, Utah—Forty-five hundred Dr. Hough. "He speaks of finding white man has retained Scandinavian characteristics so long. The second important phase is that Stefanson as that of Eskimo-Scandinavian halfbloods of Greenland, and not typically Eskimo.

The third important thing is the fact that Stefanson has found a tribe that had practically no contact with

civilization for centuries.

# President Insists on Budget.

Beverly, Mass. - President Taft criminals in Oregon, Washington and made public a letter to Secretary of and the variety used. King, Baldwin British Columbia was one of the prin- the Treasury MacVeagh, taking open issue with congress on the question of annual convention of the State Sher- a Federal budget and directing all iffs' association, which was in session heads of government departments or here for two days. It is proposed to independent officers of the government establish a Northwest identification to make their estimates of revenue bureau for the purpose of keeping an and expenditures for the fiscal year in

The president's letter said the photographs and descriptions may be clause in one of the big supply bills practically forbidding the use of a budget system, as unconstitutional.

# Food Carried to Cananea.

Douglas, Ariz.-Cananea was again ped out. There are about 300 federal troops there and the place is in no immediate danger of molestation.

# Telegraph Strike Off.

strike of Canadian Pacific railway tel- in spirit, is all the happiness a mortal Seattle egraphers. The men have received wholesalers have recently sold clear satisfactory concessions from the comknown the wholesalers have been un- 11 to a ten-hour standard, according to able to fill all the orders taken at the announcements made here. The men to acquire after they have succeeded ing it artificially. Straw, sawdust marks derogatory to his character in The total tax now amounts to \$1.50 asked for a 15 per cent increase.

# FARM AND ORCHARD

Notes and Instructions from Agricultural Colleges and Experiment Stations of Oregon and Washington, Specially Suitable to Pacific Coast Conditions

### HOW TO DRY APPLES!

Answers Questions.

Oregon Agricultural College, Corvallis-So many letters asking how to O. A. C. division of horticulture recently that F. C. Bradford, of the research laboratories, has prepared the following information on the subject:

Most of the apple drying in Oregon is done in prune dryers, probably be-cause these are available. In New York state, where apple drying is her argument. done extensively, evaporators much like the hop kilns here are used. In fact, some apples are dried in hop driers in Oregon. Prune dryers are have the advantage of being available for drying several crops.

The best fruit is peeled, cored and put on trays. An experienced operator with a hand machine will pare 50 small. It is usually exposed then to the fumes of sulphur for a few minutes to bleach it, or keep it from turning dark. It is important that it be bleached as soon as possible after paring and slicing. A simple form of bleacher is a tight compartment with cleats to accommodate a number of trays at a time, at the bottom of which a pan of sulphur is burned. The fruit should not come nearer than two feet to the sulphur. Trays with wooden slats are preferable, as galvanized wire is affected by sulphur fumes. If the fruit is handled in bulk a box with a series of inclined planes placed one above the other and sloping in opposite directions is used. The fruit is thrown in at the top and freight cars and on the following day slides down these planes, exposed constantly to the fumes of sulphur, and collects at the bottom, whence it is removed from time to time. Care phur be absorbed by the fruit, a conrequired for sulphuring is variously estimated at from 20 minutes to an hour and a half, depending on the amount of sulphur used. Ten pounds Other roads are also meeting with a of sulphur to a ton of fruit is perhaps quired.

Slicing usually follows, but may precede the bleaching. Slices are cut siderable extent. In kiln evaporators the fruit is

spread some eight inches deep. This is, of course, impossible when trays are used. The general practice in New York evaporators is to start the fruit at 150 degrees, finishing at 125. In prune dryers this is necessarily reversed, and a higher temperature is frequently maintained. In kilns the prevent it from sticking to the slats. floor is treated with tallow to further prevent sticking. A good kiln usually dries a lot of sliced fruit in 10 to 14 digestion's sake. hours; in prune dryers in Oregon 24 hours is the most common period.

The fruit should dry until there is surface. A test sometimes employed is the squeezing of a number of slices together in the hand. Properly dried slices will separate at once upon being released. After it is taken from the drier the fruit should be allowed to 'sweat' on a clean floor, as prunes are shoveled over from time to time. This makes the fruit more uniform as to moisture.

Most of the dried apples in Oregon are sold in sacks. If one is drying on a large scale, however, it will be found advantageous to pack in an attractive manner in 25 and 50-pound boxes, or in one-pound cartons, as large operators in other regions do.

Reports from experienced Oregon apple dryers indicate that a bushel of green apples will produce 8 to 12 pounds of dried fruit, the amount varying with the method of drying and Northern Spy are generally considered good apples for drying. Opinions as to the Ben Davis vary. Summer apples in general lack the firmness required in a good drying apple, alsonable to suppose a good eating apple will make the best dried apple, at inate, and seedlings are frequently employed. The grading is usually of slices in rings.

cured by writing members of congress ington, D. C.

# Earthly Paradise.

"To devote oneself to a profession one truly enjoys, to adore a sweet young woman with the hope that your Winnipeg, Man. -There will be no love will last forever, and to be young can ask."-The Guilty Man, by Fran- converted. cois Coppee.

# Religion.

in getting everything else they want. and grass are compressed to make it. connection with the investigation.

# BAKE OR BUY BREAD?

F. C. Bradford, Fruit Expert Staff, Domestic Science Dean Says Cheaper to Make at Home.

Oregon Agricultural College, Corvallis-Shall bread be baked in the dry apples have been received by the home? Mrs. Henrietta W. Calvin, dean of the home economics department of the Oregon Agricultural college believes it is not only cheaper to over which the Federal government bake at home, but that the bread is has no jurisdiction. The laws in quesmore wholesome, nourishing, and cleaner. She has figures to support

"All intelligent women are now intrested in discussing questions relat- by the courts that the government ing to industries in the home and those which can with advantage be fairly well adapted to this work, and taken out of the home and carried on in large factories or centers," says Mrs. Calvin.

"In regard to the production of bushels a day if the fruit is not too home produced article and that purcleanliness, and the general sanitary conditions.

> "In considering the cost of home baked bread, it may be figured as follows: Cost of flour for four loaves, 3

> lbs. \$ .11 Liquid, 1 quart skimmed milk, .021 Yeast, 1 cake compressed. Salt, sugar and lard.

Total cost of materials, -Materials for one loaf, .041 added the cost of fuel used in the bak- section-that is, ships it in packages enterprise," makes the significant ading. If gas is used at \$1 a thousand, it will add 2c to the cost, making conviction, be subject to a fine of not of the empire britain are content and each loaf cost 4 c. If gasoline is more than \$5000, and liquor so trating upon the commercial revoluused at 17c per gallon, the fuel will shipped shal cost 13c for four loaves. If the ordinary coal range is used, the actual cost of baking will vary with the use agents or employes of railroad combaking will be nearly the same as when gasoline is used.

"Thus it is figured that the actual cash cost of one loaf of home-made bread will be 41c if made with compressed yeast. Home-made yeast will save about 1-3c on each loaf, the actual cost being about 32c.

"This loaf will weigh one pound. A bakers loaf weighs about 13 ounces and costs 5c. That is four pounds of baker's bread costs 25c, and four pounds of home-made bread about 18½c, a gain in money saved by home baking of nearly 7c.

"Thus we come to consider the question of quality. The highest grade of materials have been used in the home-made article. It has the highest nutritive value. If rightly made it is sweet, well-baked, palatafruit is turned from time to time to too often slightly acid, over-raised and under-baked. Under-baked bread contributes to dypsepsia and all its transportation and delivery of the

"Watch the baker's wagon being loaded in the early morning hours. The coat, the gloves that were worn little or no visible moisture on the when the horses were harnessed are still on. The bread is piled high on the sleeves of that coat; it is handled unattractive in your bread?

"Perhaps it pays to bake bread at home because of better sanitary conditions. Money is not the only measure of worth. The 7c gain is but a due to athletic endeavors. It will part of the total gain.'

# BURNED UP A FORTUNE.

#### Farmer Mourns Straw Stack When Experts Point Out Value.

Salem, Or .- "I've burned up a for-

The chart showed wheat straw to contain, to the ton, the following fer- cases for the season. Alaska reds and present the market does not discrim- tilizing constituents: Nitrogen, 9.6 pounds; phosphoric acid, 4.4 pounds, of the season there was an unusually and potash, 12.6 pounds, valued at large run of humpbacks, which were based upon whiteness, cleanliness and \$2 29. A ton of oat straw contains packed largely for the foreign trade. general attractiveness, and proportion 9.2 pound nitrogen, 5.6 phosphoric acid, 35.4 pounds potash, valued at The drying of apples is discussed in \$3.43; clover straw 29.4 pounds nitmuch greater detail in Farmers' Bul- rogen, 8.4 pounds phosphoric acid, letin 291, from which much of this 25.2 potash, valued at \$6.09; sawdust matter has been taken. It can be se- 4 pounds nitrogen, 6 pounds phosphoric acid, 14 pounds potash, valued

# Extreme Waste of Heat.

In the factories of this country the heat. All the heat furnished by the deposit, burning of coal should be converted into force for the mechanical work. At present not one-tenth of it is so

# Make Artificial Wood.

C. O. D. LIQUOR BARRED.

All Shipments Must Be Plainly Labled and Addressed.

Washington, D. C .- Attorney General Wickersham, in instructions to all United States attorneys, is urging any persons found violating sections 238, 239 and 240 of the new criminal code, which provide conditions under which intoxicating liquors may be shipped from one state to another, or from a foreign country into the United States. These statutes, however, do not apply to shipments entirely within a state, that being a matter tion do not undertake to prevent the shipment of liquor into "dry" states or "dry" towns, it having been held cannot interfere with legitimate interstate commerce.

The three sections named, however, are designed to be an aid to the authorities of a "dry" state or town, in thead, certain factors must be consid- that they enable the state and local ered, as the comparative cost of the authorities to learn whenever liquor enters their jurisdiction. After its chased, the comparative quality and delivery to the consignee, it comes under state or local authority, and Federal jurisdiction ceases.

The most sweeping provision of the criminal code, to which the attorney general calls attention, requires that every package containing intoxicating liquor of any sort, when shipped from one state into another state, shall be so labeled on the outside cover as to plainly show the name of the consignee, the nature of its contents and trade winds." the quantity contained therein," and any person who ships liquor from one To the cost of materials must be state to another in violation of this not marked as required shall, upon conviction, be subject to a fine of not of the empire-Britain-are concenshipped shall be forfeited to the Un- tion which is imminent in order that,

Section 238 prohibits officers, made of other parts of the range at panies, express companies or other the same time, since a thrifty house. common carriers from delivering any wife will bake while cooking other package containing intoxicating liquor food or while ironing. If no other use to any person other than the person to is made of the range heat, the cost of whom it has been consigned, except upon the written order in each instance of the bona fide consignee, and also prohibits the delivery of such packages to any fictitious person or to any mechanics being long diminished by person under a fictitious name. Vio- different emotions as to the internalation of this section subjects the tional use to be made of it." guilty party to a fine not exceeding noyance is exhibited anywhere in \$5000 or imprisonment for not more than two years, or both. This section latest admonitions addressed directly also applies only to liquor shipped or indirectly by the Washington govfrom one state into another.

The third section, No. 239, provides that any railroad company, express company, or other common carrier, or any other person, who, in connection with the transportation of any intoxicating liquor from one state to another, shall collect the purchase price or any part thereof, before, on or after delivery, or shall in any manner act as the agent of the buyer or seller ble and attractive. Baker's bread is too often slightly acid, over-raised buying or selling or completing the dealings with the Mexicans." sale thereof, save only in the actual

Neavers of Women's Stockings Must Put In New Machinery.

Washington, D. C .- Young women of Washington and New York have by those gloves. Is the bread wagon bigger feet than those of any other very clean? Does the driver pile a cities in the world. Department good deal of bread on the front box stores in Washington and New York and then pass the lines over it? In are being greatly inconvenienced by the hot summer days do the flies rise the change that is taking place in the from the filth of the road when the young women. It is said that these wagon stops and swarm into the stores have asked stocking spinners in wagon? Are you certain that the New England to add three larger sizes bake shop kitchen is as clean as your to their measurements, not only in the own? Did you ever find something feet, but also in the calves. Stocking salesmen who have come to Washington lately contend that the young women here have abnormally large muscost manufacturers about \$300,000 for new forms for the spinners and knit-

# Alaska Packers Do Well.

Seward, Alaska-The salmon packing season is practically at a close now, and the canneries of the Cook's tune," mourned the Oregon farmer, as Inlet and Kenai peninsula have, with he stood reading the chart on the scarcely an exception, taken their value of the straw stack, in the ex guaranteed pack for the season. In boy, will permit the amputation of his though the Duchess of Oldenburg is considered good. Though it is realege at the state fair. largest pack, amounting to [70,000 pinks were plentiful, but at the close

# Cashier Newly Accused.

Abilene, Kan .- Eleven new charges have been filed against John A. Flack, former cashier of the Abilene State bank, recently arrested in New York charged in connection with shortage or the secretary of agriculture, Wash- at \$1.60; peat, 20 pounds nitrogen, in the bank's funds, amounting to about \$70,000. The new charges are years has carried tourists close to the sworn to by the state bank examiner, and are similar. Each recites that on the rocks Sunday a short distance Flack changed figures in the bank's below the cataract. Life boats were great problem is to stop the waste of books and in notes and certificates of made ready for launching and the 20

Mayor Gaynor Sued for Libel. served with a summons in a \$100,000 the passengers to the landing. libel suit brought against him by Alderman Curran, chairman of the aldermanic committee investigating

# PRAISES FOR PANAMA CANAL

# prompt and vigorous prosecutions of Charges of Bad Faith Give Way to Admiration.

Greater Influence on Commerce Than Suez-Issues of Tolls Dropped for Present.

London-The announcement from Washington that the Panama canal will be opened formally next year is a signal for fresh discussion of all the broad possibilities to the undertaking. So far as the question of tolls is concerned, there seems to be a growing disposition to think Europe has been precipitate in charging Americans with bad faith or with taking an unfair advantage.

Everywhere effusive compliments are written and spoken in light of the tremendous display of engineering skill on the isthmus. Pictorial papers here and in Paris and Berlin give sketches of the chief objects of interest along the route and in the construction work. Long special articles, deal with the "revolution the canal is

to bring about in international trade. One able Berlin writer thinks that 'the Panama will necessitate greater modifications of the established system of foreign commerce than were necessitated by Suez" and adds that 'it is as if Dame Nature had suddenly decided to alter the course of her

Another, declaring in London Weekly, that the canal is the "crowning achievement of American force and mission that the "best business minds irrrespective of the willingness of Americans to arbitrate concerning tolls, we may use the new waterway to the full and may begin to use it the day it is opened."

Quite the strongest censure cropping out anywhere is the "hope that Colonel Roosevelt, Dr. Wilson or Mr. Taft, whichever may be the next president, will do all he can to prevent our admiration of the phenonmenon of Europe, not even in Spain, over the ernment to Mexico, Nicaragua and Cuba. On the contrary, the prevailing sentiment is one of approval.

European capitalists who have investments in many of the republics south of the Rio Grande long have chafed at the chronic confusion created by the local politicians for selfish ends, and would welcome the application of a strong hand. A London financial paper is "astonished at the

# 82 EGGS LAID IN 82 DAYS.

Product for Ten Months Totals 237 - Prizes Won Are Many.

St. Louis-"Lady Show You," a 2year-old white Plymouth Rock hen from Millersville, Ill., is breaking all records in the national egg-laying contest at the Missouri State Poultry Experiment station at Mountain Grove. She is leading the egg producers, numbering 640, representing 39 varieties from 25 states and Canada.

Her record for 10 months is 237 eggs, and her nearest competitor is a barred Plymouh Rock hen, which has produced 216 eggs in the same period. Lady Show You also has broken the world's record so far as known for continuous egg production with 82 eggs in 82 days.

When she had reached a record of 65 eggs on consecutive days, the advisory board tacked the prize ribbon on her nest and gave her an extra portion of meal, but she kept right on for more than two weeks. She has six weeks more to complete her record for the year's contest. Government statistics give the average egg production as about 80 per hen a year.

# Boy Gives Leg for Girl.

Gary, Ind .- William Rugh, a newscrippled left leg in a few days so that Packing company at Kasiloff has the its skin may be grafted on the body of Miss Ethel Smith, a girl he has never seen. Miss Smith has been in bed for four weeks as a result of severe burns and the attending physicians say that the only hope of her recovery is to graft enough skin on her body to cover the wounds. When Rugh was appealed to he promptly consented to make the sacrifice.

# Maid of Mist on Rocks.

Niagara Falls, N. Y .- The Maid of the Mist, the little steamer that for tumbling waters of Niagara Falls, ran passengers were equipped with life preservers. By skilful maneuvering, however, Captain Carter released the New York - Mayor Gaynor was steamer by its own power and brought

Coffee Export Tax Increased. Guatemala City-An additional tax Wood is so scarce in England that a graft in the police department. Cur- of 50 cents gold per hundred pounds Religion is a thing most men intend process has been invented for productran alleges that the mayor made re- on coffee exported has been ordered.