

MAGNITUDE OF PINE INDUSTRY IS REVEALED BY A. W. COOPER

Some idea of the magnitude of the pine manufacturing industry in Oregon, and of its possibilities, may be gained from an article written by A. W. Cooper, secretary of the Western White Pine Manufacturers' association, published in the New Year's edition of the Oregonian. Mr. Cooper's article, of especial interest to this section of the state, is as follows:

"Undoubtedly many people who live in Oregon are accustomed to thinking of the lumber industry of the state as something that is confined to the coast territory west of the Cascade mountains, and believe that fir, spruce and cedar, the prevailing woods of this region, are the only lumber products of the state.

"It is, of course, true that the forests of the coast belt comprise the major portion of the state's standing timber. It is equally true that there are vast stretches of forest area east of the Cascade mountains. The forests in the eastern portion of the state differ greatly in character from the coast timber, being more open and made up of different species, the bulk of the timber being pine.

"To give some idea of the extent of these forests, it is estimated by the best authorities that there is over 90,000,000,000 of standing timber in this portion of the state, or nearly three times the present annual production of lumber in the whole country. During the past 20 years there has been developed in Eastern and Central Oregon a lumber manufacturing industry separate and distinct from that of the coast. Its chief product is pine, and the pine is commonly known as western white pine.

"The industry has developed mainly in two localities, one centering around La Grande and Baker, and the other in Central Oregon, along the Deschutes River valley. In these two localities there are about 12 large and a very considerable number of smaller mills now in operation. The pine industry produces approximately 400,000,000 board feet of lumber annually and employs upward of 5000 men.

"Many of the lumber manufacturing plants located in this territory are among the most up-to-date and modern in the West, and a few of them are among the very largest in

the country. The product of the mills is largely shipped east and has of recent years been taking the place of the eastern white pine formerly furnished by the lake states. Lumber from Eastern Oregon goes to nearly all portions of the country and a very considerable amount of it is being shipped east of Chicago and as far as the Atlantic seacoast. In fact, a very appreciable amount of it goes to New England.

"In addition to the lumber produced, nearly all of the larger manufacturing plants operate their own box factories and remanufacture a portion of their output into box shooks, supplying the fruit-growing districts of Oregon, Washington and Idaho with a large part of their fruit boxes, the box industry in itself being by no means an unimportant part of the whole.

"The development of lumber manufacturing on a large scale in the eastern portion of the state is of comparatively recent date, although this section is one of the oldest lumber manufacturing districts in the Northwest. With the building of new railroads and an increasing demand for white pine, it began a few years ago to develop with rapidity, and it is not unlikely that the next five to ten years will see it increase to twice its present size.

"Some idea of its value to the state and of its importance may be gathered from the fact that the present value of its product at the mill is in the neighborhood of \$16,000,000 a year, and that it represents a capital investment in timber and plants of something in excess of this. In several instances the industry is the life of thriving communities and upon its future growth and development principally depends the industrial development of the eastern sections of the state.

"Those pine manufacturing plants are truly highly developed industrial enterprises. Their huge sawmills, with from one to four bandaws, resaws, edgers and trimmers; their live rolls to move the lumber; their modern power houses, planing mills, dry sheds, dry kilns, loading docks and their lumber yards covering many acres of land and, in some instances, with several miles of paved alleys, carry an impression of a substantial and permanent industry."

CROWD ENJOYS FISTIC BATTLE

GLOVELESS FIGHT LASTS FOR 35 MINUTES, THEN POLICE CHIEF CALLS TIME—ENEMIES BECOME FRIENDS IN JAIL.

The crowd which gathered at the Metropolitan Saturday to hear the results of the California-Ohio State game, which terminated 28 to 0 in favor of the westerners, enjoyed an unexpected entertainment in the impromptu bout staged between Speck Woods and Del La Vigne. Thirty-five minutes of fighting terminated when Chief of Police Nixon entered the billiard room and placed the two combatants under arrest on a charge of breaking the peace. The chief contributed when a collection was taken to provide bail. Woods pleaded guilty in police court this morning and paid a \$10 fine, and \$10 of La Vigne's bail was forfeited.

Spectators declared that the bout was the best ever staged in Bend. Woods was barred and fists bared, and there was only one round. La Vigne's face was badly cut up and Woods had a smashed ear and a dislocated finger when Chief Nixon called time. Woods had the verdict of the crowd as the better boxer, but La Vigne was acclaimed in the lead for rough-and-tumble scrapping. During their brief residence in jail, the two shook hands and declared the hatchet officially buried.

Two members of the Bend boxing commission were present during the encounter, but agreed that the affair was outside their jurisdiction. Another interested onlooker was Mayor-elect Gilson, who entered the room a few minutes before Chief Nixon put in an appearance.

Your Eyebrows.

An eyebrow usually contains about three hundred hairs, and each eyelid is provided with about two hundred and ten lashes. The reason why an eyelash in the eye is so irritating is that, like other hairs, its surface is covered with minute scales.

THREE DAYS NEEDED TO PIERCE BLOCKADE

Charles and Clinton Combs Drive From Lakeview To Bend Through Three Feet of Soft Snow.

Three days of the hardest kind of driving was necessary in making the trip to Bend from Lakeview, Clinton Combs of Lake county reported after his arrival here late last week. Ordinarily, one day is amply sufficient for the journey, but three feet of snow, softened by a chinook wind, made traveling exceptionally difficult.

It was necessary to pierce the snow blockade, however, for Charles Combs, Lakeview attorney, who accompanied his brother, had to make Portland in order to represent Lake county projects at the coming irrigation congress. On his return the brothers will start south from Bend.

USE VACATION TIME TO PURIFY SCHOOLS

When the city schools reopened Monday after the Christmas vacation, it was with all precautions taken against the spread of contagious or infectious disease. During the vacation the rooms were scrubbed with antiseptics and thoroughly fumigated.

Combustible's Many Uses.

If the farmer can't make the old horse go on straw and cornbobs perhaps he can run his car, his tractor and his stationary engine with gas made from them. That's the problem the department of agriculture is struggling with, says the Nation's Business.

Already its experimenters have run an automobile with the new combustible and used it for lighting and cooking. If the results of these tests warrant further investigation the experiments will be extended to the problem of plant equipment for producing the gas on a scale sufficient to allow the farmer to supply light and heat for his house, power for stationary engines, and possibly for his tractor from a small individual outfit. If a suitable unit can be constructed it seems likely that the straw gas may have a certain economic value in the sections of the country where the raw material from which the gas is made is now considered as waste and burned or left to rot.

COUNTY COURT PROCEEDINGS

RECORD OF CLAIMS ALLOWED, DESCHUTES COUNTY, OREGON

Mrs. Lucy Searey, teaching at institute	9.00
W. D. Hill	135.00
Josephine H. Foster, stenog.	2.00
Rae Knickerbocker, stenog.	21.00
Glass & Prudhomme, road warrant register	103.00
Glass & Prudhomme, record books	213.30
Glass & Prudhomme, blanks	2.15
Glass & Prudhomme, paper	21.27
Bend Bulletin, supplies	60.85
J. K. Gill Co., supplies	16.85
Max A. Canning, asst. dist. attorney	25.00
E. J. Breiden, dep. sheriff	30.00
L. A. W. Nixon, dep. sheriff	124.05
Western Union, clock serv.	1.25
Western Union, service	36.03
Wm. P. Downing, meals for prisoners	60.00
Grace D. Rogers, clk. assessor's office	90.00
L. A. W. Nixon, juvenile off.	12.50
Clyde M. McKay, expenses	80.00
Bend Bulletin, publication	7.00
Bend Bulletin, posters	4.75
Bend Bulletin, orders for payment	16.00
Bend Bulletin, publication	36.90
C. Knickerbocker, stenog.	5.00
Kilham Sta., stationery	1.56
J. Alton Thompson, exp.	46.76
J. Alton Thompson, off. and traveling exp.	75.00
Redmond Spokesman, adv.	1.40
Catherine F. Manny, deputy clerk	13.50
Rem. Typewriter Co., typewriter ribbons	7.75
S. E. Roberts, repairs	282.10
C. Knickerbocker, stenog.	10.00
Seth Stookey, com. fees	30.50
Pac. Tel. Co., tel. service	12.30
J. P. Bowman, labor	92.50
Richard Mitchell, labor	20.00
C. J. Sowards, road work	10.00
Richard Mitchell, road work	25.00
J. P. Bowman, work Cent. Ore. Highway	20.00
S. B. Caldwell, labor	27.00
Frank Knorr, labor	60.00
M. Archer, labor	45.00
E. Badley, labor	45.00
V. E. Badley, labor	22.50
Geo. Junker, labor	90.00
E. Harvey, labor	30.00
P. Bacon, labor	64.00
Ray De Laashmutt, road wrk	165.00
L. C. Bougher, road work	104.00
C. O. Pellett, road work	36.00
W. A. Pickett, road work	54.50
G. M. Dorn, road work	24.00
D. DeLaashmutt, road work	177.00
W. A. Pickett, road work	216.00
S. E. Roberts, expenses	490.00
Cent-Ore Motor Co., service	31.50
B. W. L. & P. Co., service	12.60
J. Alton Thompson, traveling expenses	75.00
B. H. Miller, com. fees	1.50
Bend Hauling Co., bal. boxes	154.40
C. H. Miller, road work	9.00
F. H. Dierker, clearing roads	5.00
C. O. Reynolds, grading	1.10
Munz Hardware, supplies	6.20
Munz Hardware, supplies	6.20
A. B. Kendall, hardware	16.30
Bend Garage, repairs	10.50
Tum-a-Lum Lmbr. Co., lmbr.	84.02
Lora Skunkel, damages	300.00
J. P. Duckett, lumber	50.80
J. W. Wright, election reg.	3.10
C. V. Silvis, election reg.	1.80
Frank R. Prince, elec. reg.	1.80
E. J. Wright, election reg.	1.80
Geo. M. Erickson, elec. reg.	1.00
Wm. J. Boer, election reg.	4.50
P. M. McGuire, election reg.	2.40
Wm. G. Cox, election reg.	.60
M. Raber, election reg.	.50
Grace Altken, election reg.	.50
C. M. Olson, election reg.	1.40
J. M. Mackey, election reg.	2.20
J. M. Elkins, election reg.	1.20
Jos. S. Innes, election reg.	4.90
J. M. Herbert, election reg.	2.70
L. O. Taylor, election reg.	4.30
J. A. Wilcox, election reg.	.30
O. B. Hardy, Jr., elec. reg.	7.40
Lucy M. Smock, election reg.	2.00
Eugene Camstock, elec. reg.	12.80
Robert B. Gould, engineer	124.80
W. P. Hardesty, asst. eng.	59.29
Chas. G. Wilson, draughtsman	15.68
M. G. Powell, chairman	12.60
W. E. Irvin, chairman	12.60
N. McFadden, axeman on road survey	9.00
Robert B. Gould, surveyor	15.00
Chas. G. Wilson, draughtsman	15.75
John A. Runge, viewer	21.75
Earle Hollenbeck, chairman	10.00
F. H. May, viewer	5.00
B. E. Nichols, viewer	5.00
Wm. E. Johnson, viewer	46.60
Robert B. Gould, exp. acct.	39.95
Robert B. Gould, exp. acct.	108.00
W. A. Pickett, road work	60.00
M. A. Martin, road work	60.00
C. H. Miller, bring truck from Pendleton	43.09
Standard Oil Co., gasoline and oil supplies	1388.45
Glass & Prudhomme Co., supplies	184.74
Mrs. Hattie M. Mayne, care	60.00
Mrs. Barron, warrant	32.00
Bend Bulletin, warrant statements	11.50
Bend Bulletin, stationery	97.25
Bend Bulletin, sta. adv.	102.37
Robt. B. Gould, watermaster	75.00
M. W. Gumpert, elec. booths	5.00
Leo G. Fisher, deputy watermaster	42.50
Sam'l. Wehl, deputy watermaster	32.50
J. K. Gill Co., stationery	.48
Grace D. Rogers, clk. assessor's office	36.00
Douglas Mullarky, stationery	8.50
Cent-Ore Motor Co., Red Cross acct	18.85
Dr. Chas. Bloom, services	5.00
Burroughs Add. Mach. Co., repairs	7.15
Burroughs Add. Mach. Co., repairs	6.50
August A. Anderson, exp. sheriff's office	18.16
S. E. Roberts, exp. advanced	11.27
J. A. Easton, just. crt fees	38.75

L. A. W. Nixon, juvenile office fees	13.50
Max A. Canning, asst. dist. attorney	25.00
Mrs. Faye Estebanet, clk. assessor's office	48.44
Kilham Sta. Co., supplies	17.03
Catherine Manny, dep. clk.	73.00
C. H. Miller, road work	61.30
C. H. Miller, com. fees	21.00
C. H. Miller, telephone	1.80
Fis. agt. U. S. F. S., China hat road No. 4	150.00
Fis. agt. U. S. F. S., China hat road No. 22	150.00
Fis. agt. U. S. F. S., Newberry Crater road No. 6	250.00
Fis. agt. U. S. F. S., Bend Sparks Lake road No. 9	650.00
Fis. agt. U. S. F. S., Bend Sparks Lake road, general	1850.00
Ore. Ag. college, dem. work	1100.00
Bend Iron Works, repairs	7.50
C. H. Miller, road work	101.94
R. N. Elliott, lumber	60.44
Fis. Agt. U. S. F. S., McKenzie route	714.76
L. E. Seeley, repairs	2.25
Geo. Wilkins, repairs	6.25
Bend Garage, Inc., repairs	9.40
Deschutes Gar. Co., repairs	53.35
Deschutes Gar. Co., repairs	10.15
L. Main, repairs	5.50
McKinley-Hampson Lumber Co., lumber	37.92
H. R. Riley, repairs	4.00
R. B. Gould, eng. fees	42.00
W. P. Hardesty, eng. fees	23.10
C. G. Wilson, draughtsman	1.23
J. B. Alexander, transitman	12.12
M. J. Powell	10.50
W. E. Irvine	9.98
M. McFadden	11.00
R. B. Gould, auto hire	4.40
R. B. Gould, eng. fees	15.00
John A. Runge	10.00
F. H. May	10.00
R. B. Gould, auto hire	7.20
F. H. May, auto hire	13.20
W. H. May, gravel	913.27
Industrial Acc. Com., May pay roll	164.29
Industrial Acc. Com., June pay roll	148.88
Industrial Acc. Com., July pay roll	142.27
Miller Lumber Co., lumber	1.48
C. O. H.	10.65
Miller Lumber Co., lumber	1.07
C. O. H.	5.50
W. J. Davis, signboards	106.99
Standard Oil Co., gasoline and oil	30.50
Seth Stookey, Commissioner	11.05
Bend W. L. & P. Co., service	32.71
West. Union Tel. Co., service	7.50
City of Bend, indigent grave	90.00
Wm. P. Downing, meals for prisoners	2658.67
W. H. May, road work	1.00
Bend Iron Works, work on truck	86.25
Pierson & Roundtree, reprs.	111.20
Concrete Pipe Co., con. pipe	146.46
McKinley-Hampson Lmbr. Co., repair of bridges	4.00
S. E. Lochrie, road work	7.00
Donald Carolin, truck notice signs	8.00
A. J. Harter, labor and team	15.00
W. O. Matchett, auto hire	7.60
J. C. Thorp, services as road viewer	137.25
W. H. May, truck driving	16.35
Tum-a-Lum Lmbr. Co., lumber	49.20
Tum-a-Lum Lmbr. Co., lumber	34.80
Tum-a-Lum Lmbr. Co., lumber	30.20
Miller Lumber Co., lumber	11.35
T. E. Going, money adv.	20.00
Bruce Pub. Co., books	4.24
Underwood Typewriter Co., typewriter and repairs	139.50
John Patchett, pulling trees	12.00
A. J. Tucker, making files	7.50
Albert Amnah, hauling timber	5.00
Bend Ins. Co., premium	22.50
Heyburn Hardware Co., mop handle	.60
Bend Bulletin, sta., printing	167.33
Bend Press, pub. of notices	1.95
Redmond Spokesman, sta.	37.30
M. W. Chase, hauling	8.33
Russell Grader Mfg. Co., cutting edge for grader	45.00
J. F. Hosch, physician's fees	5.00
Bend Dairy Store, milk	18.38
Bend Hardware Co., cash drawer, co. clerk	5.75
Kilham Sta. Co., stationery	22.79
A. J. Moore, expenses	29.95
Benj. H. Sanborn & Co., book	1.60
J. Alton Thompson, exp.	83.55
F. D. Antrim, Deschutes Co. pro rate share	4.56
J. Alton Thompson, Sept. expenses	75.00
L. A. W. Nixon, juvenile officer	5.50
Glass & Prudhomme, sup.	60.08
R. B. Gould, watermaster, dist. No. 12	75.00
Sam Wiehl, asst. watermaster	75.00
August A. Anderson, postage and box rent	21.00
R. J. McCann, signs	9.00
S. E. Roberts, expenses	66.42
Wm. P. Downing, meals for prisoners	37.50
J. Alton Thompson, postage and express	47.13
Max A. Canning, asst. dist. attorney	25.00
J. H. Haner, postage and express	41.61
Bend W. W. & P. Co., services	12.40
Josephine H. Foster, stenog.	10.00
Bend Hdwe. Co., supplies	186.69
Clyde M. McKay, office rent and help	75.00
Geo. Stokoe, car hire	20.50
Cent. Ore. Garage, part for truck	.75
Bend Ins. Co., premium	52.50
H. J. Well, pro rate McKenzie highway	433.66
Robt. W. Sawyer, cash adv.	2.26
Mrs. Hattie Mayne, care of Mrs. Barron	60.00
Deschutes Garage Co., supplies and storage	419.59
C. H. Miller, stove for rent	2.25
C. H. Miller, com. fees	99.32
Pac. Tel. & Tel. Co., service	28.11
S. E. Roberts, expenses	112.35
Bend Hdwe. Co., supplies	230.83
Arch J. Tourtelotte, financial audit and report, exp.	537.07
Robert B. Gould, watermaster	75.00
Sam Wiehl, asst. watermaster	100.87

ter	75.00
Pierson & Roundtree, reprs.	8.50
Bend Iron Works, supplies	8.50
Brooks-Scanlon Lmbr. Co., belting	16.69
Bend Bulletin, stationery	1.50
G. W. Beebe, bounty on coyotes	12.00
West. Union Tel. Co., service and clock rental	17.41
Tom Wheeler, hauling for election	3.00
Newt Church, repairs	32.09
Seth Stookey, com. fees	49.00
Cent-Ore Motor Co., for Red Cross car	24.50
Lipman, Wolfe & Co., bal. due on uniform	5.40
S. E. Lochrie, implements	5.50
Standard Oil Co., gasoline and oil	1291.61
W. E. Finzer & Co., sta. for superintendent	16.50
F. B. Wilson, road work	22.00
W. H. May, road work	140.18
Ed Howes, (not stated)	205.42
Ed Howes (not stated)	1002.95
C. H. Deming, road work	36.00
G. H. Miller, cash adv.	15.67
W. H. May, 1929 yds. of gravel	3199.35
Cent. Ore. Ir. Co., 5736 yds. gravel	286.30
George Wilkins, repairs	8.00
Wickner, Sharp & Chindahl, rebuilding ditch & flume	229.62
Bend Hdwe. Co., repair parts and hdwe.	160.74
Bend Iron Works, repairs	37.05
Standard Oil Co., gasoline and oil	1117.68
Standard Oil Co., gasoline and oil	4.95
Deschutes Garage Co., reprs.	401.32
A. J. Tucker, repairs	6.00
A. J. Tucker, repairs	11.00
Crawford Bros., team hire	4.20
H. R. Riley, repairs	255.90
Concrete Pipe Co., culverts	51.80
Cent. Ore. Ir. Co., gravel	2.65
Cent-Ore Motor Co., repairs	15.12
Redmond Garage, repairs	450.84
Ore. State Highway Comm., rent of trucks	1100.00
Ore. State Highway Comm., rent of trucks	27.00
A. B. Matthews, road work	1.80
N. P. Smith, repair parts	22.25
Cent-Ore Motor Co., repair parts	6.85
A. L. Saye, auto hire	8.25
Sevender Blue Print Co., road blue prints	7.30
N. P. Smith, hardware	7.45
B. A. Kendall, hardware	158.41
A. B. Taylor, road work	276.75
T. E. Going, cash advanced	10.00
Pierson & Roundtree, reprs.	1.40
Brooks-Scanlon Lmbr. Co., repairs	3.00
Mike Merk, borrow pit	.70
H. J. Well, dist. fis. agt., pro rata McKenzie highway	25.00
J. H. Haner, Co. Clk., adv. for expenses	117.66
De Armond & Hamilton, special attorneys	226.08
L. B. Baird, rent of office	500.00
Glass & Prudhomme, books	30.00
stationery	115.79
Bend Bulletin, stationery	306.82
Pac. Tel. & Tel. Co., long distance service	6.15
W. P. Downing, meals	58.30
W. F. Arnold, judge of elec.	3.00
S. E. Lochrie, carrying ballots	40.50
A. B. Gertson, carrying ballots	2.25
T. G. Stevens, rent of voting room	5.00
Ladies' Pioneer Club, rent of voting room	5.00
C. P. Becker, rent of voting room	5.00
A. L. Saye, carrying ballots	15.50
John H. Buchholz, moving booths	21.75
Lou Reed, rent of poll room	5.00
H. K. Allen, carrying ballots	15.00
R. G. Blackwell, carrying ballots	12.50
J. H. Jackson, rent of poll room	5.50
Hattie M. Mayne, care Mrs. Barron	60.00
C. P. Niswonger, funeral J. W. Alexander	75.00
Smith's grocery, soap	.60
S. E. Roberts, exp. adv.	150.88
L. R. Douthit, lighting fix.	2.50
C. A. Adams, dep. sheriff	16.50
Cent-Ore Motor Co., repairs	24.35
S. Stutsman, auto hire	2.00
Andy Moen, wit. fees	6.40
West. Union, service, Oct.	7.01
R. B. Gould, watermaster	75.00
J. Alton Thompson, exp. for October	75.00
Max A. Canning, asst. dist. attorney	25.00
Frank G. Dick, refund of probate fees	2.50