

one of the richest and most wheat-growing bodies of land in the world. Less than two decades ago this vast wheat field was covered with brushgrass. Today it is practically one immense field of grain, from which almost 1 per cent of the total wheat yield of the United States is usually harvested. More than 300,000 bushels of grain have been piled in sacks in the huge warehouses at one station within six miles of Pendleton. From wheat alone there was derived last year a revenue of more than \$13 for each inhabitant of the county, and this, too, with the price lower than the average.

Improvement was the watchword of 1900. It is seen in the increased acreage prepared for the harvest of 1901; in the new machinery and supplies purchased by farmers; in the care and attention of their homes; in the care and attention of our fruit-growers to their orchards and vineyards; in the pride of our stockmen, displayed in the splendid quality of their flocks and herds; in the general betterment of our public roads and other modes of transportation; in the largely increased stocks carried by our merchants; in the statements of our banks; in the addition of new merchants and lines of trade to all our towns, but chiefly, and most gratifying, in the great number of substantial new business buildings and private homes and residences in all our towns and villages, lending an air of confidence and security in the welfare and prosperity of our county and its resources.

T. G. HALLIDAY,
Pendleton.

WASHINGTON

Creamery Sales of Butter Increased 20 Per Cent.

Taking all in consideration, Washington County presents a splendid field for progressive farming and dairying. Its market facilities being unrivalled. The greater part of its area is accessible to Portland by team in one day's time, inclusive of the return trip. This naturally makes it the dairyman's and truck farmer's paradise. Its area is nearly 500,000 acres, and of this there are about 50,000 acres in cultivation. The entire area is well watered and here is one of the best fields in the state for dairy farming. Here and there

and other timber of commercial value, and the famous placer and quartz mines in the Williams Creek, Powell Creek, Korbby district, Althouse district, Waldoe district, Illinois River district, and dozens of other mining districts of lesser extent. The Preston Peak copper mine, just over the Oregon line, and 70 miles away, are tributary to Grant's Pass, over roads to the south.

To the south millions of acres are not only open to settlement and location of timber claims, placer mines and quartz ledges, but there are large areas yet un-surveyed. The recent discoveries of large ledges of copper near Waldoe, and the extensive preparations for mining it, point to great activity in that section.

Fruit-raising is an important industry. This is the home of the peach, apple, prune and almond. Grapes, strawberries, watermelons and all the small garden fruits do well.

During the past few years the manufacture of lumber has assumed large proportions. Last year over 300 hands were employed in this one industry. The number of small mills is being quite increased this winter, and the output in 1901 will be increased. Only timber easy of access to the railroad is being cut.

To the west of Grant's Pass is a ridge of hills from which the Southern Pacific Company has bonded 1500 cars with de-



Photo by Moore, Portland. George J. Cameron, Municipal Judge, Portland.

all over the county are located creameries, all of which are thriving.

For the year just closed a fair estimate places the creamery sales of butter alone at 400,000 pounds, an increase over 1899 of 20 per cent. The year closes with the dairy herds highly improved over the past. Within five years the dairy output will be double its present volume. The Jersey leads the milking strains.

Wheat is the greatest production. A fair crop gives from 600,000 to 700,000 bushels, with the oat crop about the same. Nearly 1,000,000 pounds of best quality hops were picked from Washington County yards last season. The export of hay was close to 27,000 tons. Orcharding is rapidly taking on a new face, and the value for last year's output, in proportion to the past, have been augmented by the better fruit, because of methodical care hitherto unknown with but few exceptions. The prune industry is rapidly on the increase, and carload shipments to the East are not uncommon.

While much of the big timber has been cut, there yet remain millions of feet of merchantable logs, and the annual lumber cut runs from 12,000,000 to 15,000,000 feet. There are several flouring mills which supply the local demand, besides grinding for export to the Orient. Sixty thousand barrels represent fairly the annual output.

Last year there were great gains in stock-raising. The assessment roll shows 438 horses, as against 250 a year ago, and the cattle herd has increased from 6675 in 1899 to 8125 in May, 1900. Much of this gain is in cattle, due to increase of



Photo by Moore, Portland. John Manning, First Deputy District Attorney, Fourth Judicial District.

Grant's Pass.

THE FISH COMMISSIONER.

Oregon's Fishery Interests in Charge of a Competent Official.

The state is fortunate in having its important fishery interests looked after by a competent, faithful and experienced officer. Although F. C. Reed, the Fish Commissioner, has held the present position only since early in 1898 he was for six years a member of the Fish Commission formerly existing. In fact, for the past 30 years Mr. Reed has been closely identified with the salmon-fishing interests of the state. He is a recognized authority on fishing legislation, and his suggestions and recommendations always carry with them the weight of long experience and study.

The principal duty devolving upon the Fish Commissioner is the protection of the salmon interests, and, allied to this, the fostering of their increase, in the building and operating of fish hatcheries. The protection of the fishing grounds has been conducted under considerable difficulty in the past, and it is hoped that a patrol boat will be provided, which will greatly facilitate the work. Three new hatcheries have been built during the past two years. There is an unexpended balance of \$18,900 of the \$15,000 appropriated at the last session of the Legislature.

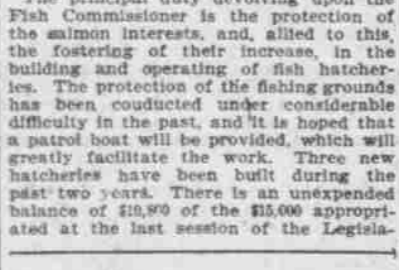


Photo by Moore, Portland. Frederick W. Walker, Councilman from the Fifth Ward, Portland.

country will be the object of experiments to be conducted at the O. R. & N. agricultural experiment stations the coming season. The United States imports Bavarian beer to the value of about \$1,000,000 annually, and if the hops and barley can be produced and the beer manufactured here, it means a new industry for this country and keeping more money at home.

The department at Washington finds the work of the O. R. & N. experiment station of material aid in determining the best crops for semi-arid sections. Last year some Russian wheat that contains 7 per cent more gluten than the ordinary varieties was sent to R. C. Judson for his work here, and it turned out that nearly all the other experiments failed, and the department had to rely largely on the O. R. & N. for seed to continue the experiments. Mr. Judson was able to send Chief Smith four bushels of the Russian wheat. It made a fine growth, and yielded well, but proves not to be well adapted to this country. It is bearded grain, and if left to stand until perfectly ripe, as is necessary for the combined harvesters used in the Columbia basin, there is much loss, the wind working on the long beards to loosen and shed the grain.

Eighty-three varieties of winter grain are now in the ground and growing at the O. R. & N. experiment station at Walla Walla. Fully 300 varieties will be grown there the coming season. Corn from three places in Egypt, from two localities in Texas, from Missouri, North Carolina and Virginia will be experimented with in the hope of finding something specially suited to the demands of this country.

F. C. Reed, Fish Commissioner for the State of Oregon.

PROMINENT OREGON STATE OFFICIALS.

D. R. BLACKBURN, Attorney General

M. L. CHAMBERLAIN, Clerk Land Board

Governor T. T. GEER.

J. H. ACKERMAN, State Superintendent of Public Instruction.

Chas. S. MOORE, STATE TREASURER.

Prof. J. L. CARTER, Superintendent Blind School.

CITY ENGINEER.

A Creditable Record Through Times of Commercial Depression.

To be an efficient engineer officer when there is plenty of money to use for public works is one thing; to be an efficient officer in times of commercial depression, when no one is willing to pay for improvements and no public funds available is quite another. Mr. William E. Chase, City Engineer of Portland, has conducted the engineering operations of the city during the past year in a most careful, efficient manner, and remarkably well with the means at his command. The conservative, careful men of the city recognize this and appreciate his efforts to make every dollar do the most good for the city. This is the kind of management Portland must have for several years to come if we would progress on a substantial basis. Mr. Chase's course in this connection is such as to command the approval of all who have the city's welfare at heart.

NEW CROPS FOR OREGON.

Bavarian Hops and Barley to Be Given Trial.

To demonstrate the practicability of growing Bavarian hops and barley in this



Photo by Moore, Portland. N. J. Judah, Recorder and Police Judge, Salem, Or.

Photo by Moore, Portland. L. P. W. Quimby, Oregon Game and Forestry Warden.

OUR FORESTS AND GAME

ENCOURAGING RESULTS OF WARDEN QUIMBY'S WORK.

Laws Better Known by the People and Enforced—Larger Appropriations Needed.

The special session of the Legislature in 1888 abolished the office of Fish and Game Inspector and created the office of Fish Commissioner, but made no provision for the enforcement of the game laws. At the regular session of 1899 a law was enacted for the protection of game. This act created the office of Game and Forestry Warden and specified the duties thereof, making the office appointive by the Governor. On March 8, 1899, Governor T. T. Geer appointed L. P. W. Quimby, for 3 years a resident of Oregon, to the office, for the term of four years. The appointment was a merited one, as Mr. Quimby, devoting his undivided attention to the office, has performed the duties with general satisfaction. Since his appointment to the office two years ago he has brought the game laws of Oregon into higher repute than ever they have been before. An ardent sportsman himself, his heart has been in his work, and in him the game interests of Oregon have found a warm and fearless champion.

Mr. Quimby's administration of the affairs of his office has received the hearty support of all true sportsmen. He has been fearless, though fair, in his prosecution of offenders. With such a man in charge of the office, Oregon's forestry and game interests are in better condition than ever they have been. Game of nearly all kinds is plentiful, for the law is enforced in spirit as well as in letter, and birds and animals that have made



Photo by Moore, Portland. L. P. W. Quimby, Oregon Game and Forestry Warden.

clubs in many towns throughout the state, those most active being at the Dalles, Eugene, Salem and Albany, and all are working zealously for the enforcement of the game laws. Much depends upon their labors. Their services are invaluable. The sentiment for true sportsmanship is growing. It is elevating in every way. It may truthfully be said

the state famous for her game resources are given a show.

There has been much to contend with by reason of ignorance on the part of the public and the disrespect into which the game laws of Oregon had been permitted to fall. But today Oregon's game laws are not only better known than ever before, but also better obeyed. Mr. Quimby has instilled this wholesome respect for Oregon's laws through a vigorous campaign of education, and the relentless prosecution of offenders. He has secured more convictions during the two years he has been in office than were made during the preceding six years. In Multnomah County alone he secured 14 convictions for game law violations during the past year. There has also been much trouble caused by depredations of Indians. Indians have been permitted to leave their reservations and slaughter game unrestricted. The assistance of the Indian agents, with but one single exception, has been denied him. Notwithstanding this state of affairs, however, he has succeeded in bringing some of the redskins to a better understanding of the law. One Indian was arrested, convicted and fined \$100 for killing deer out of season. This has had a salutary effect and with a few more arrests, Mr. Quimby



Photo by Moore, Portland. N. J. Judah, Recorder and Police Judge, Salem, Or.

that all the laws for the protection of game in this state are due to the agitation of the sportsmen's association and the use of their influence. State Game Warden Quimby says that if every county in the state had a good sportsmen's club the profit to the county and state would be large. In this connection, also, the Oregon Fish & Game Association deserves special mention. It is doing a good work and is rapidly increasing in membership. The farmers should co-operate with the clubs, as it is to the interest of the farmer as well as the sportsman that the game be protected.

The world is looking to Oregon for a large supply of timber. No portion of the globe can surpass it in variety and excellence. With proper protection, Oregon can be made the great shipbuilding center of the United States, if not of the world. The chief of the bureau of the Department of Agriculture at Washington estimates the annual loss caused by forest fires at \$20,000,000, and it can be truthfully said that a large proportion of this loss is in Oregon, owing to the small appropriation made for watching those who either carelessly or willfully set out

As recommended by Homer Davenport, the well-known cartoonist and largest pheasant breeder in the United States, Mr. Quimby is already agitating the desirability of introducing several more species of Oriental pheasants into the state. Among these are the Reeves, Lady Amherst and Elliott. The Reeves is probably the most desirable of the three species mentioned, and it is believed that with the proper effort these magnificent game birds can be added to Oregon's already extensive game resources. The Reeves is a larger pheasant than the ring-neck or China Torquatus, Oregon's familiar, acclimated pheasant, a swifter flyer and in the opinion of Mr. Davenport, is equally as well adapted to Oregon's climate. It inhabits the high foothills and dead timber and is seldom to be seen in cultivated fields. Its plumage is all that can be desired, while in point of flavor its meat is every bit the equal of that of the ring-neck. It is Mr. Quimby's ambition to be able to announce the introduction into the state of this magnificent game bird in his next annual report. The Lady Amherst and Elliott pheasants, also very desirable species, he hopes to have introduced later.

The sportsmen's associations are great helps to the game warden, and to them the state owes much. There are good

been conspicuously capable and successful, and especially so when considered in the light of compensation received.

But \$50 per year is allowed for deputy hire, the greater portion of the work of investigating violations, securing evidence and prosecuting offenders falling upon Mr. Quimby personally. He has not been able to visit every section of the state, either in person or by deputy, by reason of the limited expense account to his credit, and could have done more had he been provided with more funds. The office has been handicapped financially, but in view of the importance of the state's game interests it is not believed that the state Legislature will permit this handicap to continue for another two years. Deputies will not and cannot be expected to work without reasonable compensation, and the warden himself cannot cover the entire state in person even should he so desire. It is simply a physical impossibility for one official in person to run



Photo by Cherrington, Salem. J. N. Hart, District Attorney, Third Judicial District, comprising the Counties of Linn, Marion, Polk, Tillamook and Yamhill.

down all reports of violations and bring all offenders to justice. It is to be hoped that the state Legislature at its coming session will do this important departmental justice in the matter of adequate financial equipment.



REEVE'S PHEASANT (Phasianus Reevesi).

fires. The lumber industry in Oregon is reaching immense proportions, yet the protection afforded is very meager. The saving of one quarter section of timber from destruction is worth to this state far more than the annual appropriation for the office of State Game and Forestry Warden. It is the duty of the State Game and Forestry Warden and his deputies to enforce the laws in regard to setting out forest fires, and much of their time has been taken during the past two years in the performance of those duties. The State of New York would gladly give \$500,000 a year for the protection of such forests, and consider the money well spent. The deputies appointed by the State Warden have full power to arrest without warrant, and a number of violators have been brought to justice in that manner. Notwithstanding the acknowledged de-



C. P. Bishop, Mayor of Salem, Oregon.

stability of fostering the protection of game, and this still greater material necessity for the preservation of the forests of the state, the means allotted for these purposes seem pitifully inadequate. In California the last legislative appropriation for these departments was \$65,000, in Michigan \$75,000, in New York \$100,000. In Oregon, however, where the interests to be protected are vastly greater than in either of these states, the appropriation of the game laws. Much of the sum that would hardly be sufficient to cover the espionage of a fair-sized English forest and game preserve. The services of deputy wardens have



D. W. Gibson, Chief of Police, Salem.

Photo by M. B. Galloway. Henry Heppner, founder of the City of Heppner, Oregon.



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Photo by Moore, Portland. A. LONG.

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Photo by Moore, Portland. John Manning, First Deputy District Attorney, Fourth Judicial District.

Photo by Moore, Portland. Otto J. Kraemer, now serving second term as Justice of the Peace for Portland District.



Arthur C. Spencer, Deputy District Attorney, Fourth Judicial District.

Jersey. The increase in horses is largely Percheron and Clydesdale.

The census gives the county a population of 14,467, but the increase last Spring, consisting of new families coming in from the East, will closely crowd the total to 15,000.

The future of this county is assured, and great progress will mark its productive industries henceforward. Every year hundreds of acres of new land will be put under the plow, and with a great growing city like Portland at its very door, and the homeseeker who casts his lot with the plains and hills of the Tualatin will make no mistake.

Hillsboro, Or.

JOSEPHINE.

Mining by Far the Most Important Industry.

Grant's Pass is the mining center of Josephine County, the lumber manufacturing center and the agricultural trading point. As to relative importance in the support of the town, mining comes first, lumbering second, agriculture third and manufacturing last.

A county road leads to the north, crossing Louisa, Jump-off-Joe, Grave and Wolf Creeks, and numerous smaller streams, all noted for their extensive placer de-

Photo by Moore, Portland. F. C. Reed, Fish Commissioner for the State of Oregon.