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2.50pm	7.25pm	Lv...Ashland...Ar	8.20am	3.30pm
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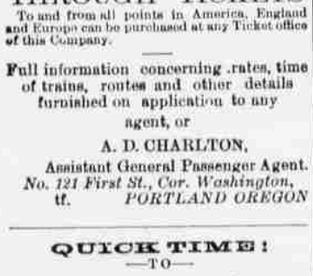
S. P. FLORENCE,



STOCKRAISER!

HEPPNER, OREGON.

Cattle branded and ear marked as shown above. Horses F on right shoulder.

My cattle range in Morrow and Umatilla counties. I will pay $100.00 for the arrest and conviction of any person stealing my stock.

SHOEMAKER.—Ed. Birbeck, a shoemaker and repairer of many years' experience, has just located in the Abrahamsick building, on May street, where he is prepared to do everything in his line. Mr. Birbeck is strictly a first-class work man and warrants all work. Give him a call. 14-tf

KNOWLEDGE NEEDED.

FARMERS AND FRUIT GROWERS SHOULD BE STUDENTS.

A Few Primary Facts Easily Acquired Will Be of Vast Benefit to All Who Have to Deal with Noxious Insects in the Field and Orchard.

There are some things which should be known as well by would be successful horticulturists as by economic entomologists. Certain simple facts about insects and insecticides, a knowledge of which is absolutely essential to the agriculturist. For instance, every farmer and fruit grower should know that all insects, after hatching, pass through a larval or worm-like stage and it is in this stage that they generally do the most damage. Then they enter a transition stage, as it were, known as the pupal stage, and finally they turn into perfect insects or imagos. These changes are called metamorphoses.

Beetles (Coleoptera) are hard winged or hard shelled insects. Moths and butterflies belong to the order Lepidoptera and the larvæ producing these are called caterpillars. A certain order of insects, Hemiptera, the bugs, and the only insects which can be truly called bugs, get their nourishment by sucking the juices from the interior of plants. It is utterly impossible to kill bugs with Paris green or London purple, both internal poisons, for the reason that bugs do not eat the outside of the leaf which is coated with the poison. The insect pests in this order, viz, green aphis, wooly aphis, scale insects, etc., call for an application of some external irritant, or some oily agent which will clog up the breathing pores.

The larvæ of Lepidoptera viz, the apple worm, which is the larva of the codling moth, tent caterpillars, peach tree borers, etc., are provided with strong jaws by means of which they are enabled to eat the leaves or fruit or gnaw the wood of fruit and other trees. These it is plain can be killed by an application of arsenical poisons. Comparatively few farmers realize the necessity for different treatments as illustrated above and how many there are who use Paris green for the green aphis and perhaps attempting to use pure kerosene for the codling moth unless prevented by some kindly intervention. It is time that every farmer and fruit grower was familiar with these facts.

We are prompted to refer here to a question asked at a recent meeting of the Oregon State Horticultural society: "Which is best for a tree, lye or white-wash?" Did that query come from a well posted horticulturist? He should have stated the pest or pests he wished to kill. Whitewash with a little crude carbolic acid in it is an excellent preventive against borers while lye put on the trunks and branches would not do much good as a preventive. Lye used at the right time and of proper strength, a very important consideration, would be effective in killing scale insects and eggs of various injurious bugs as well as the bugs themselves. In other words it is as impossible to kill all insects with one kind of treatment as it is for one medicine to serve as a panacea for all the ills of man. Be careful how you purchase from unscrupulous or ignorant dealers concoctions warranted to kill all and every insect. As a rule such concoctions are humbugs. It must be said, however, that certain new agents just coming into notice promise something toward our ideal of an all round remedy.

The per cent. of arsenic in London purple varies with the consignment, while in Paris green it is fixed. It would seem then that Paris green as far as its effect on foliage is concerned is the safer agent of the two. A test for the quality of Paris green is to take a small quantity of the powder and add to it a little water; if the poison is good it should unite readily with the water and form a mixture of the consistency of cream. One pound of Paris green to 200 gallons of water is twoo strong for the foliage on this Coast. One pound to 250 gallons for the first spraying and one pound to 300 gallons for all subsequent sprayings are the best proportions.

"There's no use spraying; I've tried it," is a remark often heard from farmers. The words smack too much of a mossy origin and invariably they can be traced to non-observance of directions in mixing or applying the solution.

Before judging of the merits of a certain treatment for an insect pest, before condemning it at least, one should be absolutely sure that he has faithfully followed directions. Every fruit grower and farmer should realize the value of the meetings of horticultural societies and farmers institutes and should appreciate the advantages accruing to himself from attending such meetings. The interchange of ideas and experiences at these meetings are worth a great deal to those present.

Spray pumps? There are many good ones on the market. Read the bulletins from the experimental stations and horticultural boards for hints on these points. In buying a nozzle the fruit grower should consult his own especial needs. One nozzle will make a fine fog, another will put enough on the tree to cause the liquid to drip from the leaves and still others which will deluge the tree. If one is spraying for the codling moth or leaf eating insects, a fog is what is needed, and these nozzles are more economical than the others. If, however, the wooly aphis is to be sprayed, a nozzle which sends a considerable amount of liquid with much force is the most desirable.

Every agriculturist should know that all insects are not injurious, that some are neither injurious not beneficial, they are innoxious. Some forms are very useful in that they prey upon injurious species.

No intelligent farmer will allow rubbish to accumulate about the orchard and farm, nor will he let moss remain on his trees, for such are retreats for insect foes. But realizing that an ounce of prevention is worth a pound of cure, he will burn all waste, cut out all dead limbs upon which moss gathers and will by thorough cultivation make his trees thrifty and thus help them to resist insect attack.

Finally the farmer should as far as possible, learn from reliable books or some competent authority the appearance and habits of injurious insects and thus know when to attack them, whether in the larval, pupal or perfect form. There are many good works on this point with accurate illustrations of injurious and beneficial species, notably "Insects Injurious to Fruits," by William Saunders (Lippincott & Co.); "Injurious Insects of the Orchard and Vineyard" by the late Matthew Cook of California (H. P. Crocker) good illusirations and descriptions but remedies antiquated. Harris' "Insects Injurious to Vegetation (Orange, Judd & Co.) In addition to these and others are the official publications of each state, which can be had for the asking, and the publications from the United States department of agriculture at Washington which are distributed free. In agricultural papers one sees many communications which are worse than worthless. Take therefore only the best of these papers and give credence to no statement which does not bear the stamp of authority.

F. L. WASBURNE.

AGRICULTURAL COLLEGE NOTES

The examination for the month of Feb. is over and the grades will soon be made out and handed to the students.

The literary contest between the Athenian and Madisonian societies, both of the preparatory, will take place on the 31st of this month.

The students and people listened to a very interesting speech given on the 6th by Prof. Ferren, of Pacific University, His talk was on astronomy.

Prof. Coote, the horticulturist, has been hurrying around rather lively for the past week fixing the lawn beds, and setting out shrubbery. He has also had the class in horticulture out giving them lessons in pruning trees.

The athletic tournament which took place Saturday was very interesting, it occupying the greater part of the day. There were two prizes awarded in it, first gold and the other silver. W. F. Keady won the first prize and G. W. Palmer the second. The first received sixty-five and the second received sixty.

Dr. Whitaker, Pres. of the Willamette University, Rev. Roland D. Grant and Pres. Allen Storey, of Portland, Mr. J. A. Dummett, state secretary, and Mr. N. H. Roots, international secretary, delivered lectures which were interesting and instructive, to the association and the community. The institution shows a great religious awakening in the college of Oregon during the past year. The convention has done much good and has re-awakened deep interest in the college Y. M. C. A. of the state.

The second convention of the college Y. M. C. A. of Oregon was held at the Agriculture College at Corvallis, commencing on Friday evening, February 24, 1893, and ending on Sunday the 26. There was an attendance of 160 delegates representing the University of Oregon, Eugene; Albany College, Albany; Willamette University; and the Polytechnic Institute, Salem; Harrison Institute, Chemawa; Portland University; Pacific University, Forest Grove; Pacific College, Newberg, State Normal, Monmouth, State Agricultural College, Corvallis and McMinnville College.

CONTRIBUTOR.

CORVALLIS, March 7, 1893.

IONE ITEMS.

Following a cold wind we have once more very agreeable spring weather.

Thawing and freezing did more harm to the wheat last week, than all the winter.

We hear that Mr. Ed. Holloway has not yet purchased the Stanley ranch. Our statement last time was a mistake.

Farmers may be seen out in the fields holding on to their plows for dear life. Others are aiding their better halves in making gardens.

Squrrels have been poisoned by the thousands. Every one killed now is worth dozens killed later, and our farmers are aware of the fact.

Today one director and clerk will be elected in each school district. Care should be taken to select the right man for the office, for according to the management of the directors, so will be the school.

The Green College school will probably commence once more tomorrow. A large attendance than hitherto is expected, as there are many who will attend from neighboring districts. The more the better.

The family of Mr. A. T. Wood and others have been visited by Miss. L. Patberg, Mrs. L. Allen and children from the neighborhood of Lexington. Mr. A. J. McNay has also been among us some time ago. He expects to delight in the pleasures of country life again this summer.

JAKE.

March 6, 1893.

A Popular Competition.

The publishers of the Ladies' Home Magazine presents its great winter competition to the public of America. This competition closes on April 30th, 1893.

QUESTIONS.—1. Which is the longest book in the New Testament? 2. Which is shortest? 3. The longest verse? 4. The shortest?

HOW TO COMPETE.—Write the questions down, and follow with the answers. Mail this to us, together with $1 to pay for six months' subscription to the Ladies Home Magazine—one of the best home magazines of the day, and if your answers are correct you will receive one of the following prizes: $1,000 in gold; $500 in gold; $250 in gold; $100 in gold; 2500 elegant silver tea sets; organs, pianos, &c. Everything fair and square. Send postal card for list of former prize winners. Over $10,000 distributed during the prst two years. Address: THE LADIES' HOME MAGAZINE, Peterborough, Canada.

Fat People.

The only safe and reliable treatment for obesity, or superfluous fat, is the "Leverette" Obesity Pills, which gradually reduce the weight and measurement. No injury or inconvenience—leaves no wrinkles—acts by absorption. This cure is founded upon the most scientific principles, and has been used by one of the most eminent physicians of Europe in his private practice "for five years" with the most gratifying results. Mr. Henry Perkins, 29 Union Park, Boston, writes: "From the use of the 'Leverette' obesity pills my weight has been reduced ten pounds in three weeks and my general health is very much improved. The principles of your treatment are fully indorsed by my family physician. In proof of my gratitude I herewith give you permission to use my name if you desire to do so." Price $2.00 per package, or three packages for $5.00 by mail. All orders supplied direct from our office. The LEVERETTE SPECIFIC CO., 175 Tremont Street Boston, Mass.

DRUNKENNESS, or the LIQUOR HABIT Cured at Home in Ten Days by Administering Dr. Haines' Golden Specific.

It can be given in a glass of beer, a cup of coffee or tea, or in food, without the knowledge of the patient. It is absolutely harmless, and will effect a permanent and speedy cure, whether the patient is a moderate drinker or an alcoholic wreck. It has been given in thousands of cases, and in every instance a perfect cure has followed. It never fails. The system once impregnated with the specific, it becomes an utter impossibility for the liquor appetite to exist. Cures guaranteed. 48 page book of particulars free. Address the GOLDEN SPECIFIC CO., 185 Race Street, Cincinnati, Ohio.

Ripans Tabules are always ready.

THE PLUMBERS.

The light of day was waning fast,
As up the cellar steps there passed
A man and boy with pot and kit,
And through the hall made their exit—
The Plumbers.

Their hands were black, their faces, too,
Got dirt begrimed where fungus grew;
For they had toiled with might and main
All day to clear the choked-up drain—
The Plumbers.

Down through the grating poured the light
Of outside sunshine warm and bright;
Above their heads the cobwebs hung,
While leaky drains they dug among—
The Plumbers.

"Be not too quick," their master said,
As to the job that morn they sped,
"The landlord's purse is deep and wide;
We'll drain it well," they both replied—
The Plumbers.

"Oh, stay!" the housemaid said, "I think
The pipes are breaking at our sink;"
A smile lit up their faces black,
"We'll come again," they answered back—
The Plumbers

"Beware, good maid, and do not speak
Of every petty, trifling leak!"
This was the landlord's last request,
As man and boy went off to rest—
The Plumbers.

Next morning prompt at the hour of eight,
They both appeared at the basement gate,
And still the heartless public say:
"They work an hour and charge a day"—
The Plumbers.

Who is it then who promptly sends
A burly bill of odds and ends:
Of leaden pipes with hooks and screws,
And other stuff they never use?
The Plumbers.

There in the cash-drawer, flat and thin,
The landlord's purse is lying in:
"Who was it drained this man so dry?"
The landlord answers with a sigh:
The Plumbers.

BLANK SHOTS.

A Young Lady's Experience with a Photograph Camera.

A good story is told of one of Omaha's society young ladies who recently returned from a summer's outing in the mountains of New York, says the Omaha World-Herald. Before leaving home she purchased a kodak, which she proudly exhibited to admiring friends, promising each one of them a photograph of some mountain scene.

The young lady's friends anxiously awaited her return, being eager to see the views she had promised them. Upon her arrival at home her friends called upon her and asked for their views. "I have just sent the negatives down to have them developed by a photographer," she said. "It is much more pleasant than developing them myself."

Down town a photographer was wrestling with the machine with the agony of despair. Do what he would no picture would develop. At last he sent for the young lady and she came to the studio.

"Are you sure you understand how to use a kodak?" asked the photographer, after explaining his inability to produce a picture.

"Certainly I do," was the reply. "I read the instructions until I committed them to memory."

"Well, how did you set about to take a picture?" asked the still doubting artist.

"Oh, I pulled that little string and pressed the button, just as the instructions read."

"What did you do with that little leather cup over the lens?" asked the photographer.

The young lady looked, blushed and fled from the studio. She had actually spent a month taking snap shots in the Adirondacks without uncovering the lens.

AMERICAN GEOGRAPHY.

Instances Illustrative of the Ignorance of Foreigners Concerning It.

The confusion which foreigners make of our geography is well illustrated by a German poem which appeared several years ago, says the Youth's Companion. The poet, with utter unconcern about locations and distances, makes such amusing blunders that its literary value is entirely lost. The argument is something as follows:

Under a palm tree on the shore of Lake Erie the hero is devoured by an alligator. The heroine, hearing of his fate, rushes from her home in the Everglades of Florida on the banks of Lake Superior, captures the alligator, extracts the hero's body and buries it with magnificent pomp in Greenwood, in the city of New York in the state of St. Louis.

Another German, who really wished to know the geography of this country, fell into the mistake so common with Europeans of not appreciating the rather large scale on which nature has dealt with us in the matter of area of land and water.

Near Concord, Mass., is Walden pond, the little body of water near which Thoreau lived alone in a hut for about two years. His most famous book is entitled "Walden." It purports to be an account of his life in the hut, and ranks with the masterpieces of American literature.

Not long ago a German professor, engaged in studies of America, received from Washington a large map of the continent. Soon afterward, in writing to an eminent American professor and historian, the German scholar said he had looked all over the map without finding Walden pond. This seemed to him an amazing omission.

Electric Bitters.

This remedy is becoming so well known and so popular as to need no special mention. All who have used Electric Bitters sing the same song of praise. A purer medicine does not exist and it is guaranteed to do all that is claimed. Electric Bitters will cure all diseases of the liver and kidneys, will remove pimples, boils, salt rheum and other affections caused by impure blood.—Will drive malaria from the system and prevent as well as cure all malarial fevers. For cure of headache, constipation and indigestion try Electric Bitters—entire satisfaction guaranteed, or money refunded.—Price 50c and $1.00 per bottle at Slocum-Johnson Drug Co.

Let us Reason.

If any one who suffers from rheumatism would stop and reason a moment before they decide to purchase some remedy, they could not help avoid any so-called cure that is sold for $1. Figuring the retailers, the jobbers and the manufacturers' profits out of that solitary dollar, and there is left not over 20 cents for the medicine. Dr. Drummond's Lightning remedy appeals to one's good sense. The price is $5 per bottle and to any one suffering from rheumatism it is as cheap as it is good and effective. Sent to any address by Drummond Medicine Co., 48-50 Maiden Lane, New York. Agents wanted. 77

Coffin & McFarland have just received a car load of Mitchell Wagons, Hacks, etc., and have also a large supply of farming implements of all kinds. a

Ripans Tabules: a standard remedy.

Colds and Coughs

croup,
sore throat,
bronchitis, asthma,
and hoarseness
cured by

Ayer's Cherry Pectoral

the safest
and most effective
emergency medicine.
It should be in every family.

Dr. J. C. Ayer & Co
Lowell, Mass.

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PENSIONS

address a letter or postal card to THE PRESS CLAIMS COMPANY, JOHN WEDDERBURN, Managing Attorney, P. O. Box 493. WASHINGTON, D. C.

PENSIONS PROCURED FOR SOLDIERS, CHILDREN, WIDOWS, PARENTS.

Also, for Soldiers and Sailors disabled in the line of duty in the **regular** Army or Navy **since** the war, survivors of the Indian wars of 1832 to 1842, and their widows, **now** entitled. Old and rejected claims a specialty. Thousands entitled to higher rates. Send for new laws. No charge for advice. No fee until successful.

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THE ADVERTISER is the oldest newspaper in New York City. Its Weekly edition is published in two sections and comes out every Tuesday and Friday—104 times during the year; has six to eight pages every issue, is well printed, has plenty of pictures, short stories, telegraphic news, financial and market reports, a woman's page and the ablest editorials published by any New York paper. It is a model home paper, with elevating and entertaining reading matter, devoid of sensations and objectionable advertisements. All for $2.00 a year.

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Largest circulation of any scientific paper in the world. Splendidly illustrated. No intelligent man should be without it. Weekly, $3.00 a year; $1.50 six months. Address MUNN & CO., PUBLISHERS, 361 Broadway, New York City.

LEGAL ADVERTISEMENTS.

Summons.

IN THE CIRCUIT COURT, FOR THE COUNty of Morrow, State of Oregon.

W. R. Ellis, Plaintiff, vs. T. C. Aubrey, Defendant. } SUMMONS.

TO T. C. AUBREY, defendant.

In the name of the State of Oregon, You are hereby required to appear and answer the complaint filed against you in the above entitled action on or before the 27th day of March, 1893, the said day being the first day of the next regular term of the above entitled court, and if you fail so to answer or otherwise plead, the plaintiff for want thereof will take judgment against you, (for money due and owing from you to plaintiff) for the sum of three hundred and eighty ($380.00) dollars, and for ten per cent. interest from Sept. 7, 1892, and for costs and disbursements.

This summons is published by order of Hon. W. L. Bradshaw, Judge of said court, which said order was made and dated at chambers in Dalles City, Wasco county, Oregon, the 26th day of January, A. D. 1893. W. R. ELLIS, per sc.

64-76

Summons.

IN THE CIRCUIT COURT OF THE STATE of Oregon.

The First National Bank of Arlington, Or., Plaintiff, vs. G. W. Stewart, Defendant. } SUMMONS.

TO G. W. STEWART, defendant.

In the name of the State of Oregon, You are hereby required to appear and answer the complaint filed against you in the above entitled action on or before the 27th day of March, A. D. 1893, the said day being the first day of the next regular term of the above entitled court, and if you fail so to answer or otherwise plead, the plaintiff will take judgment against you for $253.90, on a promissory note given by you to plaintiff on May 19, 1891, due on demand, and for ten per cent. interest from Nov. 19, 1892; for $25.00 attorneys fees and for costs and disbursements.

This summons is published by order of Hon W. L. Bradshaw, Judge of said court, which said order was made and dated at chambers in Dalles City, Wasco county, Oregon, the 20th day of January, 1893. W. R. ELLIS, Attorney for Plaintiff.

64-76

Summons.

IN THE JUSTICE COURT, FOR THE PRECINCT of J. P. District No. 6, County of Morrow, State of Oregon.

W. O. Minor and C. A. Minor, partners as Minor Bros., Plaintiffs, vs. T. G. Dundas and Mrs. T. G. Dundas, Defendant. }

TO T. G. DUNDAS AND MRS. T. G. DUNDAS, Defendants:

In the name of the State of Oregon, You are hereby required to appear and answer the complaint filed against you in the above entitled cause, on April 15, 1893, at 10 a. m., and if you fail so to answer, for want thereof the plaintiffs will take judgment against you for the sum of twenty-four and 50-100 dollars, and the costs and disbursements of this action.

F. J. HALLOCK, Justice of the Peace.

572-82

Change of Firm.

TO WHOM IT MAY CONCERN: THIS IS to certify that I have this day bought the interest of J. W. Rasmus, of the firm of Kirk & Rasmus, and I assume all debts contracted by said firm which the said J. W. Rasmus might be liable, for and up to this date, and collect all bills on said Kirk & Rasmus' books.

C. BUHL.

Heppner, Or. March 31 1893. 573-81.

Notice of Intention.

LAND OFFICE AT THE DALLES, OREGON, Feb. 3, 1893. Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before J. W. Morrow, County Clerk at Heppner, Oregon, on Saturday, March 25, 1893, viz.:

HOWARD C. DODSON,

Pre-emption Declaratory Statement No. 7268, for the N½ NE¼, SW¼ NE¼, and NE¼ NW¼ of Sec. 24, Tp. 3, S R 25 E. W. M.

He names the following witnesses to prove his continuous residence upon and cultivation of, said land, viz.:

James Jones, G. B. Hatt, G. D. Fell and Nute Jones, all of Heppner, Oregon.

566-76 JOHN W. LEWIS, Register.

Notice of Intention.

LAND OFFICE AT THE DALLES, OREGON, Feb. 28, 1893. Notice is hereby given that the following-named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before W. R. Ellis, U. S. Commissioner at Heppner, Oregon, on April 18, 1893, viz.:

HERMAN NEILSON,

Homestead Application No. 2108, for the SW¼ NE¼, and E½ SW¼, and NE¼ SW¼ of Sec. 18, Tp. 4 S, R 25 E. W. M.

He names the following witnesses to prove his continuous residence upon and cultivation of said land, viz.:

Andrew Rood, of Heppner, E. D. Rood, of Eight Mile, Benj. Poppen and G. D. Coats, of Hardman.

573-583 JOHN W. LEWIS, Register.

To aid Digestion take one *Small* Bile Bean after eating. 25c. per bottle.

Notice of Intention.

LAND OFFICE AT THE DALLES, OREGON, Feb. 28, 1893. Notice is hereby given that the following-named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before the County Clerk of Morrow County, Oregon, at Heppner, Oregon, on April 17, 1893, viz.:

JOHN L. RUSH.

Homestead Application No. 2884, for the N½ SW¼ of Sec. 1, and N½ SE¼ of Sec. 2, Tp. 4 S, R 26 E. W. M.

He names the following witnesses to prove his continuous residence upon and cultivation of, said land, viz.:

Jas. Tolbert, Wesley Baird, Laten Jones and Frank Baird, all of Heppner, Oregon.

573-583 JOHN W. LEWIS, Register.

They increase appetite, purify the whole system and act on the liver, Bile Beans *Small.*

FOR SALE.

HARNESS-SHOP, stock and fixtures. Good business; established in the midst of a good farming and stock-raising country. Also for sale a good house and two lots with or without the business property. For further information address Gazette, Heppner, Or. 483 tf.

STOCK BRANDS.

While you keep your subscription paid up you can keep your brand in free of charge.

Allyn, T. J., Ione, Or. Horses GG on left shoulder; cattle same on left hip, under bit on right ear, and upper bit on the left; range, Morrow county.

Armstrong, J. C., Alpine, Or.—T with bar under it on left shoulder of horses; cattle same on left hip.

Allison, O. D., Eight Mile, Or.—Cattle brand, O D on left hip and horses same brand on right shoulder. Range, Eight Mile.

Adkins, J. J., Heppner, Or.—Horses, JA connected on left flank; cattle, same on left hip.

Ayers, Johnny, Lena, Or.—Horses branded triangle on left hip; cattle same on right hip; also crop off right ear and upper bit on same.

Bartholomew, A. G., Alpine, Or.—Horses branded 7 E on either shoulder. Range in Morrow county.

Bleakman, Geo., Hardman, Or.—Horses, a flag on left shoulder; cattle same on right shoulder.

Bannister, J. W., Hardman, Or.—Cattle branded B on left hip and thigh; split in each ear.

Brenner, Peter, Gooseberry Oregon—Horses branded P B on left shoulder. Cattle same on right side.

Burke, M St C, Long Creek, Or—On cattle, MAY connected on left hip, crop off left ear, under half crop off right. Horses, same brand on left shoulder. Range in Grant and Morrow county.

Brosman, Jerry, Lena, Or.—Horses branded 7 on right shoulder; cattle B on the left side. Left ear half crop and right ear upper slope.

Barton, Wm., Heppner, Or.—Horses, J B on right thigh; cattle, same on right hip; split in each ear.

Brown, Isa, Lexington, Or. Horses IB on the right stifle; cattle same on right hip; range, Morrow county.

Brown, J P., Heppner, Or.—Horses and cattle branded S with ox-yoke above on left shoulder.

Brown, J. C., Heppner, Or.—Horses, circle C with dot in center on left hip; cattle, same.

Brown, W. J., Lena, Oregon. Horses W. bar over it, on the left shoulder. Cattle same on left hip.

Boyer, W. G., Heppner, Or.—Horses, box brand on right hip cattle same, with split in each ear.

Borg, P. O., Heppner, Or.—Horses, P B on left shoulder; cattle, same on left hip.

Brownlee, W. J., Fox, Or—Cattle, JB connected on left side; crop on left ear and two splits and middle piece cut out on right ear; on horses same brand on the left thigh; Range in Fox valley, Grant county.

Carsner Warren, Wagner, Or.—Horses branded O on right stifle; cattle ≡ (three bars) on right ribs, crop and split in each ear. Range in Grant and Morrow counties.

Cain, E., Caleb, Or.—Y D on horses on left stifle U with quarter circle over it, on left shoulder and on left stifle on all colts under 3 years; on left shoulder only on all horses over 5 years. All range in Grant county.

Clark, Wm. H., Lena, Or.—Horses WHC connected, on left shoulder; cattle same on right hip. Range Morrow and Umatilla counties.

Cate, Chas. R., Vinson or Lena, Or. Horses R C on right shoulder; cattle same on right hip. Range Morrow and Umatilla counties.

Cecil, Wm., Douglas, Or.; horses J C on left shoulder; cattle same on left hip, waddles on each jaw and two bits in the right ear.

Curl, T. H., John Day, Or.—Double cross on each hip on cattle, swallow fork and under bit in right ear, split in left ear. Range in Grant county. On sheep, inverted A and spear point on shoulder. Ear marked owes, crop on left ear, punched upper bit in right. Wethers, crop in right and under half crop in left ear. All range in Grant county.

Cook, A. J., Lena, Or.—Horses, 90 on right shoulder. Cattle, same on right hip; ear mark square crop off left and split in right.

Curran, B. Y., Curranville, Or.—Horses, 22 on left stifle.

Cox Ed. S., Hardman, Or.—Cattle, C with ε in center; horses, CE on left hip.

Cochran, R. E., Monument, Grant Co., Or.—Horses branded circle with bar beneath, on left shoulder; cattle same brand on both hips, mark under slope both ears and dewlap.

Chapin, H., Hardman, Or.—Horses branded ⊃ on right hip. Cattle branded the same.

Dickens, Ebb—Horses branded with three tined fork on left stifle. Cattle same on left side.

Doonan, Wm., Heppner, Or.—Horses branded OO with bar over them, on left shoulder; cattle same on left hip.

Douglas, W. M., Galloway, Or.—Cattle, R D on right side, swallow-fork in each ear; horses, R D on left hip.

Douglas, O. T., Douglas, Or—Horses TD on the right stifle; cattle same on right hip.

Duncan, W. P., John Day, Or.—Quarter circle W on right shoulder, both on horses and cattle. Range Grant county.

Ely, J. B. & Sons, Douglas, Or.—Horses branded ELY on left shoulder, cattle same on left hip, hole in right ear.

Elliott, Wash., Heppner, Or. Diamond on right shoulder.

Emery, C. S., Hardman, Or.—Horses branded ⌐ (reversed C with tail) on left shoulder; cattle same on right hip. Range in Morrow county.

Fleck, Jackson, Heppner, Or.—Horses, 7F connected on right shoulder; cattle same on right hip. Ear mark, hole in right and crop off left.

Florence, L. A., Heppner, Or.—Cattle, LF on right hip; horses F with bar under on right shoulder.

Florence, S. P. Heppner, Or.—Horses, F on right shoulder; cattle, F on right hip or thigh.

French, George, Heppner, Or.—Cattle branded WF, with bar over it, on left side; crop off left ear. Horses, same brand on left hip.

Gay, Henry, Heppner, Or.—GAY on left shoulder.

Gilman-French, Land and Live Stock Co., Fossil, Or.—Horses, anchor S on left shoulder; vent, same on left stifle. Cattle, same on both hips ear marks, crop off right ear and underbit in left. Range in Gilliam, Grant, Crook and Morrow counties.

Gentry, Elmer, Echo, Or.—Horses branded H, S, with a quarter circle over it, on left stifle. Range in Morrow and Umatilla counties.

Giltwater, J. C., Prairie City, Or.—On horses, O—O on left shoulder and stifle; cattle, on right side. Range in Grant county.

Hayes, Geo., Lena, Or. Brand JH connected, with quarter circle over it, on left shoulder.

Hiatt A. B., Ridge, Or.—Cattle, round-top A with quarter circle under it on the right hip. Range in Morrow and Umatilla counties.

Hinton & Jenks, Hamilton, Or—Cattle, two bars on either hip; crop in right ear and split in left. Horses, J on right thigh. Range in Grant county.

Hughes, Samuel, Wagner, Or.—⊥ (T F L connected) on right shoulder on horses; on cattle, on right hip and on left side, swallow fork in right ear and slit in left. Range in Haystack district, Morrow county.

Hale, Milton, Wagner, Or.—Horses branded -O- (circle with parallel tails) on left shoulder. Cattle same on left hip; also large circle on left side.

Hall, Edwin, John Day, Or.—Cattle E H on right hip; horses same on right shoulder. Range in Grant county.

Howard, J L, Galloway, Or.—Horses, + (cross with bar above it) on right shoulder; cattle same on left side. Range in Morrow and Umatilla counties.

Hughes, Mat, Heppner, Or.—Horses, shaded heart on the left shoulder. Range Morrow Co.

Hunsaker, B A, Wagner, Or.—Horses, 9 on left shoulder; cattle, 9 on left hip.

Hardisty, Albert, Nye, Oregon—Horses, A H connected, on left shoulder; Cattle on the left hip, crop off left ear.

Humphreys, J M. Hardman, Or.—Horses, H on left flank.

Hayes, J. M., Heppner, Or.—Horses, wineglass on left shoulder cattle, same on right hip.

Huston, Luther, Eight Mile, Or.—Horse H on the left shoulder and heart on the left stifle Cattle same on left hip. Range In Morrow county.

Ivy, Alfred, Long Creek, Or—Cattle I D on right hip, crop off left ear and bit in right. Horses same brand on left shoulder Range in Grant county.

Junkin, S. M., Heppner, Or.—Horses, horse shoe J on left shoulder. Cattle, the same. Range on Eight Mile.

Johnson, Felix, Lena, Or.—Horses, circle T on left stifle; cattle, same on right hip, under half crop in right and split in left ear

Jenkins, D W., Mt. Vernon, Or.—J on horses on left shoulder; on cattle, J on left hip and two smooth crops on both ears. Range in Fox and Bear valleys

Kenny, Mike, Heppner, Or.—Horses branded KNY on left hip, cattle same and crop off left ear; under slope on the right

Kirk, J. T., Heppner, Or.—Horses 69 on left shoulder; cattle, 69 on left hip.

Kirk, J C, Heppner, Or.—Horses, 17 on either flank; cattle 17 on right side.

Kirk, Jesse, Heppner, Or.; horse 11 on left shoulder; cattle same on right side, underbit on right ear.

Kumberland, W. G., Mount Vernon, Or.—I L on cattle on right and left sides, swallow fork in left ear and under crop in right ear. Horses same brand on left shoulder. Range in Grant county.

Keeney, Eli, Heppner, Or.—Horses J L and ace of clubs on left stifle. Range in Umatilla and Morrow counties

Leahey, J W, Heppner Or.—Horses branded L and A on left shoulder; cattle same on left hip; wattle over right eye three slits in right ear.

Lofton, Stephen, Fox, Or.—S L on left hip on cattle, crop and split on right ear. Horses same brand on left shoulder. Range Grant county.

Lieuallen, John W., Lexington Or.—Horses branded half-circle JL connected on left shoulder. Cattle, same on left hip. Range, near Lexington.

Lord, George, Heppner, Or.—Horses branded double H connected Sometimes called a swing H. on left shoulder.

Markham, A. M., Heppner, Or.—Cattle large M on left side, both ears cropped, and split in both. Horses M on left hip. Range, Clark's canyon.

Minor, Oscar, Heppner, Or.—Cattle, M D on right hip; horse, M on left shoulder.

Morgan, S. N., Heppner, Or.—Horses, M on left shoulder cattle same on left hip.

McCumber, Jas A, Echo, Or.—Horses, M with bar over on right shoulder.

Mann, B. H., Lena, Or.—Horses—old mares ZZ on right hip; young stock, small zz on left shoulder.

Morgan, Thos., Heppner, Or.—Horses, circle T on left shoulder and left thigh; cattle, Z on right thigh.

Mitchell, Oscar, Ione, Or.—Horses, 77 on right hip; cattle, 77 on right side.

McClaren, D. G., Brownsville, Or.—Horses, Figure 5 on each shoulder; cattle, M2 on hip

McKern, W. J., Mount Vernon, Or—M on cattle on right hip, crop in right ear, half crop in left same brand on horses on left hip