

LOCAL NEWS ITEMS

Before selling your wheat or buying your bags, see me; I am in the market. Roy V. Whiteis. —24.

E. M. Shurt and family have gone to the coast for a few weeks vacation.

M. L. Case and family are spending a few weeks at Newport.

Mrs. Lydia Hale, of Ritter, was a business visitor in Heppner Saturday.

Matt Mollahan, of Rhea creek, is at the Moore hospital recovering from an attack of acute indigestion.

Mr. and Mrs. E. F. Swagert were in town Saturday from their ranch north of Lexington.

Sam E. Van Vactor and family returned to their summer home Saturday after a few days in town.

Jack O'Neill, meat cutter at the Central Market, has returned from a short business trip at LaGrande.

Mr. and Mrs. Carl Farnsworth of Rhea spent Thursday and Friday visiting in Heppner.

Mrs. Snell, of Arlington, is the guest of her daughter, Mrs. Lena Snell Shurtis.

Fred A. Case has gone to the coast for a few weeks change. After a short visit with friends in Portland, Mr. Case expected to go to Newport.

Martha Ferguson has left the Moore hospital after recovering from an operation performed by Dr. A. D. McMurdo.

Mr. and Mrs. Percy Hughes were in from their Butter creek home Wednesday accompanied by her sister, Miss Ella Vale.

Carrol Morrison, of Portland, has accepted a position as clerk in the First National Bank taking the place vacated by Joe Kenny, who resigned to go back on the ranch.

John McEntire was down from his Balm creek ranch Friday breathing out the conviction that, ordinarily, it's too darned hot to come to a dry town.

Rev. Chas. Baskerville, a Presbyterian minister of Omaha, Nebraska, is here for a few days visiting his brother-in-law, A. M. Phelps and family.

Heppner has been well nigh deserted the past week, most everybody being either at the coast or in the mountains. The huckleberry patches round Ditch creek are getting their good share of campers.

Gene Campbell did a good job the other day when he trimmed the low branches of his shade trees over the sidewalk on Chase street. There are others who might likewise make themselves popular with pedestrians.

Kenneth L. Binns, O. A. C. student and an enjoyer of the Gazette-Times office, left Saturday for his home in Heppner to spend a month with relatives and friends in that vicinity. —Corvallis Gazette-Times.

Revival meetings being held in the Federated church by Rev. Ora Dale, are well attended and considerable interest is being manifested. The music is an attractive feature of the meetings.

Mr. William Van Vactor and his daughter, Miss Thelma Van Vactor, who have been the guests of his son Sam E. Van Vactor, for a couple of weeks, left for their home at Golden Dale, Washington, Friday morning.

Mr. and Mrs. W. O. Dix have returned from a visit in the Willamette valley where they spent a pleasant vacation. Mrs. Dix reported her vacation days by taking a six weeks vacation course at the Oregon Normal school. She will teach in the Heppner schools the coming year.

Victor Crawford returned last Saturday evening from an eastern trip during which he visited Omaha and several points in Texas. He reports having had a fine trip but did not see as much of the big Texas oil fields.

James Dunn, of Phoenix, Arizona, and his sister, Mrs. Susan Gesner, of San Diego, California, are making an extended stay with their cousin Mrs. Ed. Broun. Mr. Dunn and Mrs. Gesner were former residents of Coos Bay and both have many friends throughout this section of Oregon.

Charlie Dykstra was in town for a while Friday morning fanning himself and remarking "How hot I Am". Charlie got hit by a sunstroke while in the army during the big heat and since then he is somewhat gun shy of extreme heat.

Andrew Neal, pioneer resident and war-horse Democrat of the LoneRock country, was in town several days

during the week having some dental work done and expressing his fixed opinion that Mr. Cox will be the next president of the United States.

At Star theatre to-night: Ora Carrow in "Under Suspicion."

Chas. H. Lavorell drove to Portland Sunday in his Ford coupe with white wire wheels.

Mr. and Mrs. Roy V. Whiteis left this morning for their summer camp near Slocum's Mill.

Most Heppner people who are not now in the mountains are going tomorrow.

George W. Milholland was called to Portland last Friday on a business trip.

Mr. and Mrs. C. L. Freeman have returned to their places in Minor & Co.'s after a pleasant vacation trip spent in the huckleberry patches.

Mrs. C. Darbee and daughter, Miss Gwendolyn, have returned from a three weeks vacation spent at Seattle, Tacoma and Portland.

Miss Audra Grogan returned from a vacation trip to Portland last Friday.

A fine daughter was born to Mr. and Mrs. Aral Henriksen, of Cecil, at the home of Mrs. George Alken in this city, Monday morning, August 16th.

Miss Florence Cason, a popular operator at the Heppner telephone exchange, went to Portland Friday to spend her vacation.

Vernice Matson and family, who were the guests of Mr. and Mrs. Geo. Milholland for a couple of weeks, returned to their home in Portland last Sunday.

At Star theatre to-night: Ora Carrow in "Under Suspicion."

Mr. and Mrs. A. L. Ayers returned from Portland Sunday evening where they spent several weeks vacationing. They also spent some time at Wilhoit Springs.

Robert Carner was on our streets last week. Bob is preparing to take his seat in the Oregon legislature next winter, and we believe he will look well to the public interests and not being in favor of so many freak laws. —Spray Courier.

Mrs. A. M. Phelps and daughter, Miss Elizabeth Phelps, expect to leave in a few days for Iowa where Miss Elizabeth will enter college for the coming year. After getting her daughter located Mrs. Phelps will visit relatives and friends before returning.

A small blaze on the roof of the Heppner Steam Laundry Wednesday noon called out the fire company but the blaze was pretty well in hand by the time the truck arrived. The alarm siren on top of the Roberts building failed to function and the alarm that failed to sound did not scare anybody. Why not scrap that joke and arrange for the old whistle alarm at the power plant? When that whistle used to turn loose nobody had any doubt what it meant.

Kenneth Binns, well known Heppner boy, is home from Corvallis for a few weeks visit during the summer vacation at Oregon Agricultural College. Kenneth served in the army during the war and for several months following the armistice and upon his release from the service he entered O. A. C. In addition to the regular work at the college Kenneth has also been working in a newspaper office in Corvallis outside study and recreation hours. He is also a member of the editorial staff of the Orange Owl, humorous publication of the College.

John Kikens blew into town on Friday morning from goodness knows where. John keeps sitting around between Sand Hollow and Montana, and Chicago, and Heppner, and north Idaho and other places, where sheep range, sheep buyers, sheep sellers, sheep raisers or just sheep congregated so fast that his friends can hardly keep track of him. John spills the beans—er, that is, the east-ern Oregon spotted everywhere an given out the information that "every thing is going and the sheep business the best ever." John is a Simpson pure optimist.

Sam Van Vactor, a well known mountain farmer of the upper Willamette valley, was in town for a day or two during the week taking a bit of a vacation from his strenuous ranch duties while looking up the market reports on general farm products. Incidentally, it may be said, that Mr. Van Vactor spends a minor portion of his time about 11 months of each year looking after his law business in Heppner, for when he talks about it the reporter gathers the idea that that farm is practically the whole thing in Van's

Ben Patterson made a flying trip to Ritter and return yesterday via the new Heppner-Ritter road.

W. P. Minor and family and Dan Rice and family expect to leave for a mountain outing tomorrow morning.

Judge Campbell returned from a huckleberry trip to the mountains yesterday bringing back a goodly quantity of the luscious fruit.

Len, Earl and Clint Gilliam and Charlie Vaughn left at 11:00 o'clock last night for the huckleberry range on upper Willow creek expecting to harvest their winter crop of berries by tomorrow night.

AMERICA MAKES BIG DISKS NOW

Lens Manufacturers Solve Difficult Problem With the Aid of Scientists.

CATCHING UP WITH GERMANY

All Mechanical Difficulties in Making of Large Telescopic Disks Have Been Overcome—Process Is Delicate One.

New York.—Large telescope disks are being made in the United States. All mechanical difficulties have been overcome, according to an announcement made by Dr. George W. Morey, a member of the American Chemical society.

This remarkable achievement is due to preparation and handling of the ingredients required for pure and flawless glass and is the result of experiments begun at the outbreak of the world war, under the auspices of the geophysical laboratory of the Carnegie Institution in Washington.

Catching Up With Germany. Before 1914 practically all the optical glass in the United States was imported from Germany. When the United States entered the war the field glasses, range finders, telescopes and other instruments of precision used by her army and navy were equipped with lenses fashioned beyond the Rhine. Private citizens even loaned or contributed opera glasses and binoculars to the fighting forces.

Optical glass of fine quality, however, is now to be had on this side of the water. The climax of this achievement of industrial chemistry has been reached by American makers in the manufacture of lenses for telescopes. At first disks which strengthened our view were made three or four inches in diameter. Recently a special four and three-quarter inch lens was ground for Lowell observatory at Flagstaff, Ariz. The first nine and one-half inch disk was turned out last December. Six others have since been made and delivered. As their diameters increase disks are made with greater difficulty. Finally, on February 15, 1920, the first perfect 12-inch disk was furnished and a large optical glass corporation now lists this size for short-time delivery.

Making Larger Disks. The next size attempted was a 20-inch disk, in the manufacture of which the problem was still more complex. Several flawless ones were produced, but they cracked in the annealing process. American ingenuity was brought into play to devise a means of slowly cooling these immense plates of glass, so that they might be free from the strain so likely to destroy them. Experiments by scientists of the geophysical laboratory showed exactly how slowly their temperatures must be lowered, and the cooling schedule outlined was closely followed. Owing, however, to the extreme cold weather of last March and the shortage of gas, this schedule could not be followed. One splendid disk strained and broke just when nearly ready to be taken from the oven.

Equipment hitherto used was then scrapped and an electric furnace was specially designed to meet the needs of the problem by experts of an electric company. This device is thoroughly insulated and provided with an automatic appliance which will hold the temperature absolutely constant to a fraction of a degree, while the glass is being treated to remove strain. The temperature can be dropped a few degrees a week.

With the aid of this furnace now in process of construction it is believed that the last difficulty in the way of the American manufacture of the largest disks will be overcome. Orders have already been accepted for the production of several large guaranteed disks, including one pair of the 30-inch size for reflecting telescopes. The furnace, 40 feet in diameter, 20 feet high and 20 feet wide. When the goal has been reached, the company will continue the development, so that eventually the largest and finest disks in the world will be American made.

Subscribe for the Herald: \$2 a year

HAWAIIAN SHOW COMING

The attraction coming to the Star theatre next Sunday will be Crist and Costa's Genuine Portuguese Hawaiians, which comes direct from the Ha-

Big Reductions IN THE Furnishings Department All White Canvas Shoes sold Below Cost Men's Canvas shoes—rubber soles and heels, reg. price \$6.00. Special \$3.95 Men's Canvas Oxfords " " " " " \$5.50. Special \$3.45 Men's Tennis shoes " " " " " \$2.00. Special \$1.45 Men's Tennis Oxfords " " " " " \$1.85. Special \$1.35 Boys' Tennis shoes " " " " " \$1.75. Special \$1.25 Boys' Tennis Oxfords " " " " " \$1.50. Special \$1.10 Youth Tennis shoes " " " " " \$1.50. Special \$1.10 Youth Tennis Oxfords " " " " " \$1.40. Special \$1.00 50--Mens' Panama Hats--50 Prices to \$5.00. Special price \$1.50 Boy's 2-piece Summer Underwear 25c per garment. Special price \$1.50 Boy's Sport Shirts Sizes 10 1/2-14. 75c and \$1.00 MINOR & CO. HEPPNER, ORE.

waiian Islands. This company consists of one entrancing lovely Hula dancer and a quartette of boys, any one being a star in themselves and capable of being headlined as the feature presented by Louis B. Crist in presenting his beautiful production entitled "The Princess of Paradise". A perfect scenic production of one of the beauty spots of the islands is shown where the Crist and Costa Hawaiians sing and play those haunting melodies of the sun kissed seas and the pretty Princess Aloha does the highly esteemed and artistic Hula Hula dance. It is not generally known that this dance is part of the original Hawaiian religious ceremonies, yet it is a fact that the Hula Hula was danced by hundreds of young maid selected and trained for this purpose by the priests of Pele, before the missionaries arrived in the islands. Their songs were all more or less anthems to the goddess Pele, whose home was thought to be on the island of Hawaii, in the crater of the volcano Kilauea. There is something in the Hawaiian songs that reaches out and clutches one in a way that no other melody can. This especially is true of the Crist and Costa Hawaiians and they are bringing selections entirely new to those that have so often been heard by travelling Hawaiian organizations. The entire show is artistic and their whole show beams with interestingly delightful entertainment.

to the best opinion now is that very little wheat can be expected from Russia for the next year at least. In the Southern Hemisphere the Australian crop is only about one-third normal; New Zealand may have to import from foreign countries; South Africa can not supply its own needs; and Argentina has placed a heavy export tax on its wheat in order to raise revenue. This shortage in the Southern Hemisphere will be partially offset by the favorable crop in Europe; but it is evident that there will be a world shortage of wheat and there will be a strong demand for the American crop.—Echo News.

Christian Science services are held every Sunday morning at 11:00 o'clock in I. O. O. F. hall. Testimony meetings are held every Wednesday evening at 8:00 o'clock at the home of Mrs. Eugene Slocum. All interested are cordially invited to attend these meetings.

FASHIONABLE DRESSMAKING—Remodeling and Ladies Tailoring. Mrs. Curren, Church street. 374

SPECIAL MEET PRICES—Farmers take notice that we make special quantity prices on meat for harvest crews. Central Market, 1544.

Classified Want Ads

FOR SALE—1919 Maxwell touring car; A-1 condition. All new tires; 2 new extra tires; thoroughly overhauled recently. A bargain. Call or see foreman, Heppner Herald.

FOR SALE—Edison Diamond Disc Phonograph. Clarendon Hickey, at Victor Groshen residence, Heppner, Oregon.

FOR SALE—A house and two lots. Fruit, shade trees and an excellent garden. Mrs. A. E. Binns.—1414.

FOR SALE—Thirty-two inch Case Separator, cook house and other equipment for sale at my ranch nine miles northeast of Ione. J. H. Inus, Ione, Ore. 13-15

FOR SALE—1917 Buick, completely overhauled, a real bargain. \$850. Terms to responsible parties. 1917 Dodge, newly overhauled, in excellent condition. Another bargain. \$650. Terms as above. Heppner Garage 1314.

FOR SALE—Ford car in fine condition. New engine, Cord tires, thoroughly overhauled recently. Call on or address L. Van Marter, Heppner, Ore. 1214

FOR SALE—A-1 grade Holstein heifer giving 4 gal. daily. \$100 cash. A. L. Straut, Ione, Ore., Box 373

FOR SALE—Six good work mules with or without harness. See G. Boyer, Heppner, Ore. 14-17

FOR HIRE

WORK HORSES FOR HIRE—Six good work horses for hire through harvest. Enquire of Waller Road, Heppner, Oregon. 13-14

WANTED

FIRST CLASS COOK wants position on ranch or with harvest or threshing crew. Enquire at Central Market, Heppner. 14pd

LOST

LOST—Suit of clothes on road between Heppner and Condon, Tuesday night, August 3. \$100 plus coat label. Suitable reward for return or information leading to recovery if left at this office.—12-17.

LOST—Between Heppner and the Matignon place on upper Rhea creek, Tuesday evening, August 10 new auto tire pump. Suitable reward if returned to D. E. Gilman, Heppner, Oregon. 16-18

LOST—From running-board of car in Stengele canyon, near Reeter ranch, 3 mm Lager revolver. Return to or notify L. V. Gentry, Heppner, Ore. Suitable reward. 13-14.