

LOCAL NOTES

A. W. Cobb was a recent visitor in the Yakima country.

The Latourelles of Heppner, were Boardman visitors this week.

Richard Dingman of Goldendale, Wash., is visiting his wife here.

Mrs. Guy Lee is at the store mornings as well as afternoons during the absence of Jack Gorham.

Mrs. Ada Morrison and Chas. Goodwin left Monday for Portland. We understand that they were married in Portland on Dec. 15th.

A number of the Boardman business men are at Heppner this week: A. C. Partlow, Earl Harper, Sam Boardman and Jack Gorham.

The ferry which was purchased by Alderdale has not been able to run due to the fact that the O-W will not grant a crossing at Boulder.

W. H. Stewart and S. H. Boardman will represent Boardman at the meeting of the Oregon Irrigation Society at Pendleton beginning the 15th.

I Skoubo, O. H. Warner, Mr. and Mrs. J. R. Johnson were Heppner visitors on Monday. Mr. Skoubo was applying for his final naturalization papers.

Civil service examiner Heldon of Pendleton held a test for rural mail carrier for Boardman last week. Three candidates appeared, Victor Hango, Stanley Hatch, and Albert Mefford.

Farm loan appraisals for the federal farm loans are being made in the Boardman and Irrigon districts the board of appraisers being E. K. Mulkey and Róbt. Wilson of Boardman and Ray Slocum of Irrigon.

Most of the male population of Boardman attended the session of the county court at Heppner this week as jurors and witnesses, the number including M. C. Marshall and sons, C. G. Blayden, T. E. Broyles, C. H. Weston, Tom Jenkins, Frank Partlow, A. C. Partlow, W. H. Gilbreth and J. F. Gorham.

Boardman has boasted two prisoners this week. They were not confined in the city jail since the city owns none but were held in custody, we understand. It seems that there were two Phillippinos travelling thru in a car which had a temporary license on it. They stopped in Boardman for gas it seems and were arrested by one of our local officers, haled before another and fined \$20 which they could not pay so were detained with no money or food. They were permitted to pass thru other towns but Boardman is more law-abiding than others or else authority rests more heavily on our officers perhaps.

CHARLES DILLABOUGH EXPLAINS AWAY SOME ERRONEOUS THEORIES ON BEES

In a recent issue of the Heppner Herald these statements appeared: "Worker bees live six months, drones four months and females four years." While there may be some truth in these statements they all need some explanation as to the conditions under which they live for the length of time stated.

Females live four years, by this the writer probably meant the queen, yet the queen is not the only female in a colony. All worker bees are females though not fully developed or not quite normal, as one has never been known to flirt with, or receive the slightest attention from a male bee, the drone. Referring to the statement that all workers are females: 1st. Any egg or larva which with the usual nursing would produce a worker bee can be transformed or converted into a perfect female "a queen" by a little change in diet for only two and one-half days when it is supplied with an abundance of food then sealed up and left to its fate. This perfect female endowed with the instinct to mate cuts its way out of its cell in five to six and one-half days less time than it would have done without this extra care for two and one-half days. A perfect female or queen emerging from its cell in 15 1/2 to 16 days a worker bee requiring 21 days and the drone 24 days.

2d. When a colony becomes hopelessly queenless, that is having no young enough to be converted into a perfect female, (larva should not be over three days old or six days from the time the egg was laid) from a few to a considerable number of workers begin to lay. It used to be supposed that but one worker took this task upon itself but by closer observation it has been proven that more likely a dozen and some times several dozen perform this task. Their eggs hatch as readily as those of the queen but unfortunately their offsprings are drones, therefore the colony is doomed as the workers soon wear out and these half orphans never work. It is generally believed that the worker is not a female and that we have three genders in a colony of bees, male, female and neuter, a he, she and it. I have often wondered if it would not be possible from a close study of this peculiar faculty of the bees to perfect their female program to determine why we have so many spinsters in the human family, who never marry. Are they it?

If a worker is born a few weeks before the beginning of a flow of honey or properly nectar so as to be old enough to do field work at its beginning it will usually wear itself out in from forty to fifty days, but if born near the close of the fall honey flow it will live through the winter and be able to do some work in the spring therefore may live to the age of six months and in some cases it is possible a month or two longer. I use the word born as all bees or bee's eggs hatch in three days but the bee does not emerge from its cell until 15 1/2, 21 and 24 days. The drone usually lives just as long as the workers will let them live.

They are usually killed off at the close of each flow of nectar. In some localities that may be 2 or 3 times a season. In this locality where the flow is more or less continuous they may be allowed to live for four or five months. As the life of the worker depends upon the

amount of work done there is reason to believe that the drone might live much longer if given an opportunity to do so as his only care is to see that no virgin queen has to make a second flight in search of a mate. If the drone becomes weary while a considerable distance from home he drops down and is welcome in any colony or hive he decides to enter. The queen or worker bee is not welcome in any excepting their own home. The reason that the drone is so treated is probably because it is a half orphan.

All drones may have a grand father but no drone yet has ever been known to have a father. The queen, a perfect female endowed with the mating instinct at the maturity of from six to eight days, after the bees have groomed, anointed and prepared her for a honeymoon excursion goes out in search of a mate. If she succeeds in meeting her affinity she returns to the hive and never leaves it again of her own accord unless to go out with a swarm or after having been superseded by a young queen sometimes goes out to commit suicide or to be destroyed by the elements.

Queens sometimes live to the age of two to five years and in some rare instances longer yet they often fail to satisfy the colony in less than one year.

During the spring when a great number of workers are needed the queen is expected to lay from two to four thousand eggs a day, to do this she is kept so busy that she has no time to stop to sleep or eat. Her food is prepared by being partly pre-digested and then fed to her while on the nest.

When she fails to lay eggs enough to keep the colony strong they raise a young one in her place. Occasionally we find the old queen and a young queen in the hive at the same time but this usually does not last long.

It is rather uncertain what becomes of the old queen though some have been known to crawl out of the hive and disappear. Very few bees die in the hive excepting in winter. When sick or crippled they leave the hive to perish in various ways.

While the queen may live longer it is customary with the up to date beekeeper to requeen his colonies every fall and in California where the season is longer twice a season. The bee family are not Mormons or bigamists as the workers never mate, the queen mates but once and the drone invariably perishes in the act of his first mating.

C. H. DILLABOUGH,
Boardman, Oregon

IRRIGON NEWS ITEMS

Messrs. S. H. Slocum, Cyril Brownell and Christenson of Portland, motored to Irrigon with Don C. Brownell of Umatilla Friday in interests of the Bank for Umatilla. They called upon some of the business men and farmers and solicited our aid and business. It is expected several accounts from Irrigon will be opened with the New Bank when ready for business and the people generally speaking, favor the idea from the standpoint of convenience to us.

Messrs. Wilson and Mulkey of Boardman with R. G. Slocum, federal farm loan appraisers covered the district Friday and appraised number of tracts of land in connection with applications for farm loans. It is hoped loans will be made in the spring.

D. E. Lofgren of Portland come up Friday morning and returned Saturday. He says they have everything ready to ship up the larger pumping plant and expect to have it working in time to irrigate all the land they can get under cultivation by that time.

Mr. W. H. Pierce has been very sick during past week but is improving at this writing. His sickness has rather upset his plans for early opening of the service station.

The Seven Day adventist have been holding services in the Wadsworth hall several evenings during the past week. The regular minister from

Boardman serves the Irrigon pulpit. Mrs. N. Seaman and daughter Fredia arrived on No 1 Sunday from Cheboygan, Michigan where she was called account death of her step-mother recently.

The ladies aid were again compelled to change the date of their musical and bazaar from 16th to 15th owing to some of the parties in the musical could not be here on the 16th.

The play entitled HANS VON SMASH was given by the high school students Tuesday evening together with short mixed program consisting of singing and speaking, was a complete success financially for the high school and each played their parts well. The caste of characters were: Lyle D. Seaman, Harve Warner, Walter Warner, Dilbert Knight, Margaret Seaman, Ouida Hendricks, Clara Moore. The play was given in the high school auditorium and basketball game played between the high school boys and others known as the own boys, in the old school recently fixed up for these occasions. The score was 6 to 4 favor of the town boys.

The Commercial Club meeting held Wednesday evening account of Hall not obtainable on the second Friday, passed resolutions favoring the Waula-Umatilla cut-off and sent copies of the resolution to the State highway commission and the Portland Chamber of Commerce.

We are not for high taxes but believe making a roof to all buildings with four walls already taxed upon us.

Mr. Frank Otto of Heppner who recently purchased the Morrill E. Doble River tract, was in town several days this week making preliminary arrangements and expects to move over after the first of the year and build on his tract and make other improvements.

EVERY COUNTY IN OREGON NEEDS A PUBLIC HEALTH NURSE

The Oregon Association for the Prevention of Tuberculosis will help your county get one.

Its speakers, exhibit material, and literature are available for active campaigns to interest the people and officials of your county and to show them what a public health nurse can do for them.

On the staff of the Visiting Nurse Association of Portland there are two tuberculosis nurses. The salary of one is paid by the little Red Cross Seals and the other by the City of Portland. Aside from a few school nurses supported by public funds, Oregon has no other visiting nurses.

Shall we continue to disregard our obligation, especially in preventable diseases? Have not the smaller towns and rural districts an equal right to the services of Public Health Nurses?

This and many other lines of health service are made possible the year 'round by the annual sale of Red Cross Christmas Seals. Every seal you buy helps extend the service.

In counties where there is reason to expect that the public authorities will continue the work, the Association will make practical demonstrations of the value of Public Health Nursing.

The good work must go on.

The Red Cross Christmas Seal points the way. It finances the organized movement that is securing sanatoria, visiting nurses, medical inspection of schools, in short—intelligent personal and public resistance to the ravages of consumption.

Oregon Drug Probe is Asked.

Salem, Or.—A complete investigation with relation to the distribution of narcotic drugs in Oregon and the attending results of the illicit traffic is sought in a letter by Governor Olcott addressed to Dr. Frederick Stricker, secretary of the state board of health, and Frank S. Ward, secretary of the state board of pharmacy, who are urged to co-operate in making the investigation.

Tariff on Canadian Shingles Urged.

Seattle.—A tariff on Canadian shingles that are brought into the United States in competition with American shingles was recommended by delegates to the fifth annual Red Cedar Shingle congress here.

Let the Mirror print your butter wrappers and help your home paper

Boardman Utellem

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Editor-in-Chief...Frances Blayden '24
News Editor...Dorothy Boardman '23
Literary..... Della Olson '23
Joke Editor.....Wilma Gilbreth '22

I CAN'T

I never will be able to forgive Poe because now we have to write an "Impression" story. "Why blame Poe?" you ask! Didn't he write "The Cast of Amontillado" and didn't we have to study it? Then just because he was able to write an "Impression" story, Miss Runner imagined we could write one.

Oh, dear! Why are people so cruel anyway. How on earth can I write such a story?

Let me think. Now what "Impression" shall I give—I could write "honor"—yet what do I know about "honor." That would never do! Then there's "joy", "sorrow", "dread" and—there are lots of them but I just can't write a story about them.

Thank goodness I wasn't the only one. There sat Edna gazing off in space; Roy savagely chewing the eraser off his pencil; Mac scratching his head; and a low desperate "I can't" was heard from Della. It all looked so funny that I started to laugh when suddenly I remembered that I had to write one too.

Oh my! What on earth shall I do! I finally decided to ask Miss Runner for help, so I walked bravely into the room and said, "Miss Runner, I just can't write that story."

She looked thoughtful for a moment then said, "Now just where was it that I heard that expression 'I can't' before?" Then she smiled.

Smiled! When I was desperate. Oh, what won't they do!

"I guess I won't write any" I said. Then before me rose a picture of my report card for next month and there was a B in English instead of the

much desired A.

"I guess I will have to write one," I said, "because if I don't get A in English next month I will have to take the exams."

"Why don't you write a story on 'despair'?" she asked. "You could write a good one and let the title be 'Writing an 'Impression Story.' I told her I would try but I had to give up because "I just can't."

Ted Partlow is absent from school with a broken arm.

Charles Junntunen has entered the Junior Hi room.

Carl Ayers has returned to school after an absence of about a week.

Mr. Lee has been giving the members of the Shorthand Class dictation this week.

The grades including the Junior Hi are practicing Christmas exercises to be given Friday afternoon, Dec. 23rd. Mr. Sigas has given the Senior Hi the privilege of visiting any of the rooms at that time.

The basket ball game which was scheduled to be played December 16th between Irrigon and Boardman has been canceled in accordance with Irrigon's wishes. However, the boys expect to play some games in the near future with the Condon and Arlington teams.

The Junior-Senior sewing class is progressing nicely. Two of the girls expect to have their wool dresses completed by the Christmas Holidays. These are certainly going to be very good looking and if the duplicates were to be bought the expense would be a decided advance over what they will cost the girls.

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or a squirrel family in its hole will you be when you build that home you've been thinking about so long.

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CLAY RINEHART, Proprietor
Edwards Building

Farmers' Week CORVALLIS, ORE., Dec. 26-31, 1921 WINTER SHORT COURSES Put Science Into Farm Practice

Fruit and Vegetable Course	Dec. 3-17, '21
Tractor Mechanics Course	Jan. 2-Mar. 18, '22
Dairy Manufacture Course	Jan. 2-Mar. 18, '22
Agriculture Course	Jan. 2-Mar. 18, '22
Dairy Herdsmen's Course	Jan. 2-June 18, '22
Grain Grading Course	Jan. 9-21, '22
Beekeeping Course	Jan. 30-Feb. 25, '22
Homemakers' Conference	Mar. 20-25, '22

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