

# WEDDING BELLS RING THRICE

### Three Couples Wed in One Day at Ashland, But All Will Live Out of Town, One in Medford, One in Talent and One in Eugene.

At Presbyterian Manse, Sunday afternoon May 29, Mr. James W. Lane and Mrs. Sophia Ballard, both of Medford, were united in marriage by Rev. Ward W. MacHenry. They were accompanied by Mr. and Mrs. Charles D. Lyon, says the Ashland Tidings.

Orlie B. Rush and Miss Mabel L. Atkin were married in Ashland yesterday, at the home of the bride's parents on Main Street, near the edge of town. The ceremony was performed by Rev. H. J. Van Fossen, in the presence of over two score guests who left many evidences of their appreciation in the way of substantial gifts. The wedding party were also treated to delicious refreshments. The newly wedded couple will reside in the vicinity of Talent.

On Sunday at high noon, May 29, 1910, at the residence of the bride's parents, Mr. and Mrs. G. H. Toevlin, 155 Seventh Street, Ashland, Sidney R. Allen and Miss Edna Toevlin were united in marriage. Rev. W. T. Van Scoy performing the ceremony. This was a very quiet and pretty home wedding. These young people are well known in Ashland. Mr. Ashland is a native of the state of Maine. He completed the high school course at Grants Pass, finishing the Southern Oregon State Normal curriculum in the class of 1904, at Ashland, and afterwards took a course in pharmacy at the St. Louis College of Pharmacy. He was in the employ of McNair Bros. up to one year ago, when he engaged with G. H. Yerington, one of the leading druggists of Eugene. The bride is a native daughter of Iowa, where she received her education. For several years she has been chief operator in the Ashland office of the Pacific Telephone and Telegraph Company. She is a young woman of genuine worth and popularity. The managers and the girls of the telephone office will miss her.

The happy couple are well matched, and both have done well in the choice for life. They boarded the Sunday evening train for Eugene, and will go to housekeeping at once. To their many friends the latch string hangs out at 367 Lincoln Street, Eugene.

## CAPTAIN EGLESTON GETS A WINDFALL

Capt. Eggleston has recently got word that approximately \$400 has been allowed him as army back pay, that amount having been discovered as due him by delving among the dusty archives reposing in the war department at Washington. The time during the Civil war deals with his record when he was lieutenant in the Tenth Cavalry, following cadetship days, and experienced strenuous service in Texas, Indian Territory and other exposed stations. The amount to which he is entitled is available just as soon as the government makes a general appropriation covering such cases, and this receipt of \$400 in a lump sum is almost like finding it. —Ashland Tidings.

## NEW COMMERCIAL ORCHARD COMPANY IS ORGANIZED

The Ashland Commercial Orchards Company, which has taken over the Mickelson ranch of 400 or more acres on Emigrant Creek, formerly known as the Henry Chapman place, has been incorporated. Some 200 acres of this tract is now under cultivation, and the purpose is to develop the entire property and place it in the market in units to suit purchasers.

The place is two miles east of the Lithia Springs and was acquired from A. W. Thomas.

The incorporators are A. W. Thomas, P. G. McWilliams and C. D. Schell, George B. McManamon, a capitalist of St. Louis, and B. U. Young.

The incorporators perfected an organization by electing F. G. McWilliams, president; A. W. Thomas, vice-president; and C. D. Schell, secretary and treasurer.

## NOTICE TO STOCKHOLDERS.

Notice is hereby given that the annual meeting of stockholders of the Pacific and Eastern Railway will be held at the office of the company, in Medford, Oregon, on Monday, June 6, 1910, at 10 o'clock a. m.

By order of the President.  
G. P. HUMPHREY,  
Secretary.

# THE PEAR THRIPS

(By Dudley Moulton of the Department of Agriculture, engaged in Deciduous Fruit Insect Investigations.)

(Continued from Yesterday.)

In the conidiophore stage on the tree the fungus hyphae break forth in groups from between the body segments and extend out as long slender threads, which in turn branch and form numerous fruiting organs. This stage of the fungus has been taken only from adult thrips on the tree and not from the larvae, and it has been found present almost everywhere that the pear thrips has been collected. There is no doubt that the fungus spends a part of its life on the tree and a part in the ground, the rapidly fruiting stage among the active thrips and the heavy-walled dormant stage within the hibernating individuals in the ground; but we can only surmise how it is carried from one to the other. The bodies of the larval thrips within the ground are all absorbed by the fungus and naturally, therefore, the spores must be carried to a new host before they can germinate to any great extent. We have found adult thrips in the ground whose dead bodies contained only a few spores and others which developed some of the external mycelial growth within their cells. If this were often the case, and these individuals in the ground produced fruiting spores as they do on the trees, it would be an easy matter for healthy individuals in coming from the ground to become accidentally infested and to carry the parasite up to the tree where, because of the gregarious habits of the insect, it would spread rapidly.

The fungus grows readily in the nutrient agar under ordinary conditions and seems to retain its virulence and can be transferred from cultures to the living thrips. The fungus may prove to be a check for the pear thrips, but its effectiveness is uncertain because it is so subject to climatic conditions.

Cultivation methods, however, as a means of control, can be only partially effective at best. One can not kill all of the thrips in the ground even with the most careful cultivation, and there are always men who can not or will not cultivate at the proper time. Then, too, there are areas along fences, ditches, etc., which can be cultivated only with great difficulty. What is even more important, certain kinds of soils—adobe and clays—can be cultivated only under certain conditions to be kept mellow and loose. The present manner of cultivation in the Santa Clara offers almost ideal conditions for the thrips, in that the insect is left undisturbed during almost the entire period occupied by the resting stage—from June until the following February.

Thrips are in the ground all of this time, and for the most part within reach of the cultivator, but they mature and arrive on the trees in the months of March and April, before spring cultivating is begun.

Natural Enemies. The pear thrips is largely protected from ordinary predaceous and parasitic insects, because it spends so long a time hidden away in the ground. A successful parasite must in a way parallel the life of its host, and we have found no insect which thus follows the pear thrips. Aphidians, or snake flies, their commonest enemies in the Santa Clara Valley, feed rather on the younger forms than on the fully developed insects, and they do not appear early enough in the spring to constitute an effective check to the pest. To be competent thrips killers they would have to feed on other insects for perhaps ten months in the year and then, when thrips appear, suddenly change their diet and later, after thrips have gone into the ground, as suddenly change back again to aphides or to something.

else. Such feeding habits are not to be expected in a predaceous species.

Ants were at one time thought to be doing much good as an enemy of the thrips. A certain orchardist brought in an ant with a thrips impaled in its jaws—the evidence complete. After a careful investigation however, it was found that only a very small percentage of ants were actually killing thrips. Four hundred ants were examined as they descended a thrips-infested tree. Twelve of these carried something in their jaws and only four of these objects were thrips. Thus only 1 per cent of the ants on the tree were actually killing thrips and carrying them down. It has been a common observation among orchardists, however, that thrips are not common where ants are unusually abundant.

Spiders and mites are active enemies of thrips. In some of our breeding cages almost all of the thrips would at times be killed by some small spider or mite which had gained an entrance. The writer has observed a red mite actively engaged in feeding on the onion thrips. Both the thrips and the mite were very common in large onion fields, covering several hundred acres. A mite would be seen to approach and grasp a thrips with its front pair of legs and, inserting its proboscis, suck out the body juices of its prey. A single mite was often observed thus to kill several thrips within a very few minutes. The writer strongly suspects that some mite preys on the younger stages of the pear thrips while it is in the ground. This would be entirely possible, and mites are commonly found in the grass and in the ground.

A fungus, presumably parasitic, has been endemic among thrips during the seasons 1905 and 1906. In its different stages it lives on both young and mature thrips, and in a way parallels the life of its host. During the spring of 1905 thrips larvae were often observed to be thickly infesting a tree, and after these had disappeared, presumably having gone into the ground, none or but few living ones could be found. Many larvae, too, seemed to leave the tree before they had reached full growth, and within breeding cages these larvae were seen to die as the direct result of the parasite. Projecting from their bodies were to be seen the tiny fruiting conidiophores of the fungus. Adult thrips were seen to be attacked by another form of the parasite during the spring of 1906. The past two seasons have offered almost ideal conditions for the development of the fungus, enabling it to become quite widespread.

The life history of the fungus has been determined only in part. The heavy-walled resting spores, the dormant stage, are found within larvae and adults in the ground; never, thus far, in pupae in the ground or in individuals on the tree. Dead larvae from the ground show that the internal body organs have all been displaced by the fungus, and in most cases the body contains only a mass of the heavy-walled spores. The transition which takes place in the formation of these spores is as yet not clear, but there seems to be a general breaking up of the fungus hyphae within the thrips' body. In one well-preserved specimen there was an indistinct grouping of particles around many centers. These were presumably the forming spores, for in the next stage the formation of such spores was complete. These heavy-walled spores may be found nearly the whole year through, although they are especially abundant from May until the following February.

(To Be Continued.)

Haskins for Health.

# EDEN PRECINCT ITEMS

Mrs. E. O. Rease of Ashland came down on Monday's train to visit her parents, Mr. and Mrs. C. Carey.

Emmett Beeson, formerly of Talent, but now of Klamath county, came in with his family last Tuesday in their auto.

A. M. Mayfield, who was living out west of Phoenix, has moved to Eagle Point.

Mrs. C. W. Wolters of Talent and her daughter, Mrs. James Pellett, went to Ashland last Thursday.

Mrs. Charles Low, nee Lena Ravenburg, was brought to Ashland last week from Klamath Falls to be operated upon for appendicitis.

Mrs. M. J. Powell of Medford was up in North Talent Friday visiting Mrs. Lillian Gibbs, and Mrs. Nancy Helmie.

Mr. and Mrs. C. Carey were up to Talent last Friday on business.

Mr. and Mrs. B. F. French of Ukiah, Or., is in the valley and stopped to see their old friends, John

Helmie and his mother, Mrs. Nancy Helmie, and express themselves as well pleased with Rogue River valley.

Mr. and Mrs. E. G. Crop of Ashland were in Phoenix visiting friends last Saturday.

Mrs. Melissa Knighton of Talent came down to Phoenix Monday for Decoration day.

Mr. and Mrs. G. W. Knighton of Eagle Point were visiting at the pleasant home of Mr. and Mrs. C. Carey last Sunday, having been to Ashland on business.

Among those who went to Eagle Point last Sunday to see the ball game between the Phoenix nine and the Eagle Point team was A. Hearn and Miss Nellie Reames.

Saturday a great many people gathered at the cemetery at Phoenix to clean up the beautiful city of the dead at that place. Several new monuments were erected and all lots cleaned and beautified.

# EIGHT MILLION TROUT HATCHED

### Fishery at Sisson Proves Valuable to State for Restocking Purposes—Other California Hatcheries Have 9,000,000 Fry to Distribute.

SISSON, Cal., June 1.—Eight million young trout at the State Hatchery are ready to be given away—to be scattered all over the state in suitable streams. The state fish car, in charge of R. M. Roqua, left here today on No. 15 with a cargo of half a million. They are consigned to thirty different streams in Sierra Nevada, El Dorado and Placer Counties. Notices have been sent ahead for the parties to where the fish are consigned to be on hand at the designated time to receive the young trout.

Big Fish Output. The state hatcheries at Tahoe, Brookdale and Ukiah have 9,000,000 trout for distribution. Charles A. Vogelsang, chief deputy of the fish and game commission, who was here yesterday in company with Commissioner F. W. Van Sicken, says that the three other state hatcheries will yield numbers as follows: Tahoe, 6,000,000; Brookdale, 2,000,000; Ukiah, 1,000. These hatcheries, combined with the Sisson hatchery, give a total of 17,000,000 young trout ready for distribution. The Sisson hatchery alone will give to the streams of the state enough trout to give each inhabitant of California five fine fish.

The little fellows are aged about three months and are scarcely two inches long.

The Sisson hatchery has already distributed 22,000,000 salmon. These were hatched from eggs received from the United States fisheries at Baird, Battle Creek and Mill Creek in Shasta and Tehama Counties. W. H. Shebley, superintendent of the Sisson hatchery, has 50,000 brooders in the fifty ponds. In addition there are 50,000 young trout in the ponds that will develop into brooders in the course of two or three years. All these are trout of the Rainbow, Loch Leven, Eastern Brook and a few other choice varieties.

The State Appropriation. Charles A. Vogelsang, chief deputy of the fish and game commission, points to the fact that the state appropriates only \$20,000 to the support of the commission, which, in addition to protesting fish and game, maintains these hatcheries. That is not one penny for each inhabitant. The sum of \$19,000 has been received in one year from fines; fishermen's licenses yielded \$22,000.

This year's receipts from hunters' licenses will be \$128,000, from which must be deducted the 10 per cent commission allowed to the county clerks. In two years \$22,000 has been paid in bounty for mountain lion scalps. Vogelsang estimates that the slaughter of 1,060 mountain lions has saved the lives of 55,000 deer. Estimating a deer as being worth \$10, the saving to the state has been \$550,000—over half a million.

## MILKMAN'S MIRACULOUS ESCAPE FROM MOTOR

The dangerous Oak Street S. P. railroad crossing was the scene of what might have been a fatal accident at 10 o'clock this morning as the motor car was leaving the yards on its regular trip to Grants Pass, says the Ashland Tidings. It was H. B. Sanders, the milkman, who was caught this time. He had just started to cross with his wagon and team of mules when he discovered the car bearing down upon him. He did not have time to clear the track. He escaped with a wrecked wagon and some not serious injuries. The mules also escaped without serious injury. The motor car carried a mark of the collision and had to return to the yards for repairs.

## FRISCO UNGRATEFUL IN PERMITTING FIGHT?

COLUMBUS, O., June 1.—That San Francisco is ungrateful in permitting the Jeffries-Johnson fight on Independence day against the wish of thousands of people throughout the United States, is asserted in a letter sent today to Governor Gillett by the Columbus Presbyterian Ministers' association. The letter says every city in the country aided San Francisco after the earthquake and fire of 1906 and now that it is showing poor return.

## LOS ANGELES ORATOR WINS PROHIBITION PRIZE

M'INNIVILLE, Or., June 1.—Frank W. Robinson, of the University of Southern California, Los Angeles, won first prize last night in the an-

nual contest of the Intercollegiate Prohibition league with his oration, "The Americans' New Awakening." Second prize was won by Howard E. Kruegerman of the University of California, Berkeley. His subject was, "The Traitor Within the State." The winner qualifies for entry into the coming national prohibition oratorical contest, to be held at Valparaiso, Ind.

Haskins for Health.

# Mr. and Mrs. Piano Needer.

The question is staring you in the face about the musical education of your beloved boy or girl. What are you going to do about the matter—just linger along as you have in the past and let them miss the greatest opportunity of a lifetime? Why, you can't afford this. Think about it seriously, then come to Hale's and spend 19 cents per day and get one of those unstained quality pianos, endorsed by the music-loving public of America.

We will absolutely guarantee to sell you a better piano for less money when quality is taken into consideration than any other concern can, as we are direct factory dealers and do not contribute to the maintenance of beautiful warerooms in any of the large cities, which all concerns will frankly tell you that it actually costs them from \$75 to \$85 to retail each piano they market. Why not put the large savings in your pocket by dealing with Hale's, the factory representative for 15 of the world's leading makes of pianos, such as the world best Knabe, Ivers & Pond, Henry F. Miller, Krell, Lafargue, Sterling, Huntington, Mendelssohn, Players: Apollo, the world's best; Chase & Baker, Sterling, Lafargue, Simplex Player Pianos.

Free, beginning June 1, 1910—Songs and instrumental music of the latest hits. Fill out the following coupon and mail to Hale's Piano House, Medford, Or.:

Send me a copy of the Latest Hits in Sheet Music, as offered in your advertisement.

Name .....

Address .....

If possible give us the name of someone you think should have a new piano or wants a player piano. Your name will not be used.

Name .....

Street .....

Address .....

### WE CAN SAVE YOU MONEY ON Furniture, Carpets, Rugs, Stoves, Ranges, Etc.



## Complete House Furnishers.

Our Florence Automatic Oil Stove is a dandy—wickless, valveless, odorless.

See our Typhoon Washer—saery. We carry a complete line of Lace Curtains, Draperies, etc. Each delivery receives our personal and prompt attention.

SEE US BEFORE YOU BUY.

We are Outside the Fire Limits but Inside on Prices.

Temporary Quarters Next to Washington School, West

Main and Laurel Streets, Telephone Main 1451.

## Where Do the Men Birds Fly?

On - - -

# OAKDALE PARK

- - - Addition

If you want a block of this addition see any agent or

# W. H. EVERHARD

Hotel Moore - - - Medford, Ore.

## SOCIALIST MAYOR OUT FOR U. S. SENATE

MILWAUKEE, Wis., June 1.—The campaign of Emil Seidel, mayor of Milwaukee, for election to the senate of the United States began today by the Socialist party.

W. A. Jacobs of Racine, Wis., was nominated for governor.

Resolutions were adopted favoring home rule for cities throughout the state, abolition of the United States senate; severe punishment for white slavery; conservation of natural resources and government ownership of coal mines.

## NOTICE.

Notice is hereby given that the undersigned will apply to the city council of the city of Medford, Oregon, at its next regular meeting, for a license to sell spirituous, vinous and malt liquors in quantities less than a gallon at their place of business on lots 15 and 16 in block 21 in said city, for a period of six months.

RYAN & BROWN.

## NOTICE.

Notice is hereby given that my wife, Emma Emollne Royse, has heretofore and on or about the 31st day of January, 1910, left my bed and board, and that I will not be responsible for any debts contracted by her and will not pay any of her bills.

Dated Medford, Oregon, May 25, 1910.

WM. H. ROYSE.

## Jacksonville Teachers.

Following is the list of teachers who have been engaged for the ensuing year in the Jacksonville schools: Principal, William N. Stein of Glendale; H. Crouch, Jacksonville; Miss Pearl Gillette, Jacksonville; Miss Nellie Collins, Whitehall, Ill.; Miss Nellie Palmer, Ashland, and Miss Velma Wilkinson, Athens.

## NOTICE.

Notice is hereby given that the undersigned will apply to the city council of the city of Medford, Oregon, at its next regular meeting for a license to sell spirituous, vinous and malt liquors in quantities less than a gallon at his place of business on lot 17, block 20, in said city, for a period of six months.

O. M. SELSBY.

Dated May 25, 1910.

## SECOND ANNUAL CONVENTION OREGON THRESHERS' ASSOCIATION, ALBANY, ORE., JUNE 2 AND 3, 1910.

Round trip rate of one and one-third fare on the certificate plan will be made by O. R. & N. and S. P. companies. Tickets on sale May 29th to June 3d, inclusive, good for return until June 10th. Important subjects will be discussed, including an address by a special representative of the U. S. government.

For further information as to rates, dates of sale, etc., call on any O. R. N. or S. P. agent.

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# QUALITY

is the final reason. Not only do we give you prompt, courteous, satisfactory service, but we give you quality. The surest way to prove this to be true is to try.

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