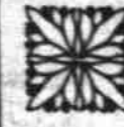


Pep and Progress Pages



A COUPLE OF SHORT SERMONS ON BEES, AND ON GROWING B, C AND D PEARS

Fruit Experts Find That the Growers of Anjou Pears in Lane County Need Honey Bees to Pollenize the Blooms and Make the Trees Productive — Bees Are Necessary in This Fruit District to Insure the Crops, Especially in Seasons Where There Are Long Continued Rains.

"COTTAGE GROVE, Or., June 7.—(Special)—R. M. Ireland and William McMaster of Portland, interested in Lorane orchard tracts, and Claud Schrack, superintendent of the Lorane orchards, in company with Fruit Inspector Stewart of this city, inspected orchard tracts in this section this week.

"Observations made by Mr. Stewart have led him to the conclusion that the lack of productivity in De Anjou pear orchards is due entirely to a lack of sufficient bees to perform the work of pollenation.

"This discovery is of vital interest to owners of Lorane orchard tracts which have been planted largely to De Anjous. Probably 1000 hives will be shipped in here during the next year."

The above dispatch appeared in the Portland Oregonian of Sunday last. It is in line with the doctrine which The Statesman in its Salem Bazaar and Pep and Progress pages has been preaching for a long time and which has had its influence in the growth of the beekeeping industry in the Salem district, which has increased several hundred per cent in the past three years.

The doctrine that the beekeeping industry must keep pace with the fruit industry, in order to insure complete pollination of the blossoms; especially important in seasons when there is a great deal of rain in blossoming time.

Must Have Bee Pasture There is no better country in the world for beekeeping on a commercial scale than western Oregon and southern and southeastern Oregon—provided. Provided what? Provided that the districts where bees are kept are provided with plenty of late bee pasture.

The early honey flow in this region is as good as the world affords—the best the world affords, in the opinion of some experts. But the late honey flow here is sparse. Our farmers must raise more white alisk and sweet clover, and scatter more Scotch broom, and in other ways provide

more late bee pasture—and encourage more beekeeping; get better bees, and see that bee diseases are stamped out. These requirements are the same for southern Oregon.

Three Crops for One In this way the farmers and fruit growers will improve the fertility of their soil, and they will get three crops for one—the clover, the honey and the fruit. They will make sure the plenty of bees will provide what is as good as an insurance policy for the fruit; or for the fertilization of the fruit.

The bee boom must be boosted and fostered in every possible way; there must be literally billions more bees. They will not fail, if given a chance.

The "virgin daughters of toil," the worker bees, are the original "working fools"—they literally work themselves to death in six weeks during the honey season; and a good queen bee will lay from 2000 to 3000 eggs a day; so that in each well regulated hive a working "fool is born every minute"—and then some; and a good hive of bees will at the height of the season contain 30,000 to 60,000, or even 100,000 bees.

So that, though there may be torrential rains all through the fruit blooming season, with only an occasional breaking of the sunshine through the weepy clouds, during those few hours of sunshine the bees will carry the pollen and make the blossoms fruitful; for the bees work and actually "improve each shining hour." They have the urge of their ancestors back through the ages for work; that is the life of the honey bee, and that is her death.

Profitable and Interesting Beekeeping for the Salem district is not only profitable; it is interesting. There is nothing more interesting in nature than the work of man, more fascinating than apiculture. Our public schools ought to teach it.

Aristotle, Cato, Varro, Pliny, Columella, Palladius all studied the bees. Aristomachus, according to Pliny, watched them for 58 years. Palestine was known to the Israelites as the land of milk and honey. Honey is spoken of numerous times in the Bible. The ancient Greek writers and orators were mellifluous in their references to the "honey of Hyettus," coming from a district near Athens.

cording to Pliny, watched them for 58 years. Palestine was known to the Israelites as the land of milk and honey. Honey is spoken of numerous times in the Bible. The ancient Greek writers and orators were mellifluous in their references to the "honey of Hyettus," coming from a district near Athens.

"The Life of the Bee," by Maurice Maeterlinck, is the greatest of all books of its class; a romance of the life and labors and government of the little republics of the apiary. It is a book that no one who can read and understand should miss. It will give any one feelings of reverence akin to the author's own in contemplation of the "virgin daughters of toil," in their "curious, profound and intimate" relationships in their hives; in their "rustling, wing-lit" homes, where there is a "spirit and atmosphere" of "perfume and mystery;" a feeling of awe at the work which "begins in the dazzling sunshine and receives its crown in the darkness."

Bees Are Essential The men engaged in the fruit industry in the Salem district have learned that there are a number of important side lines. Dairying goes well with fruit. Nuts, filberts and walnuts, should go with fruit growing. The bush and tree fruits should go together, and the different varieties; in order to provide a succession of crops and help to simplify the labor problems. Poultry goes with fruit. Every fruit grower should have poultry.

But he must have honey bees, for sure success; for insurance of pollination. They are essential. And the provision of late bee pasture that is necessary in order to insure the success of the beekeeping end of his business will help in all the other sidelines, besides aiding in keeping the soil fertile.

No fruit blooms will carry during very rainy weather, and cherry blooms do not carry at all, above a few feet, even by the winds in fair weather. They must have bees and other insects to pollinate them every year; else there will be no cherries produced in quantities.

The B Pears Better Our d'Anjou pears are good, and they sell well. Anjou pears from the Salem district topped the Chicago market year before last at \$4.71 a box, as against \$4.54 for car lots.

But if the people up Cottage Grove way had consulted Prof. C. I. Lewis, the pear expert and author of a text book on pears, formerly of Corvallis and Salem and now of Chicago, they would likely have set out Bosc or Bartlett or Clairgeau pear trees, or all three. These are the varieties in which this district excels, and the special kinds that ought to be boosted here; and to which all the nondescript pear trees ought to be grafted—if not all the other varieties, even including the Anjous. Pear growers and other growers can make more money in raising the things in which they can excel above other districts—in specializing on these things. They get into a class by themselves. They acquire what amounts to a franchise.

This is the best pear country in the world, for many reasons, for Bosc, Bartlett and Clairgeau pears.

AVOIDS THE WAYS THAT ARE DARK

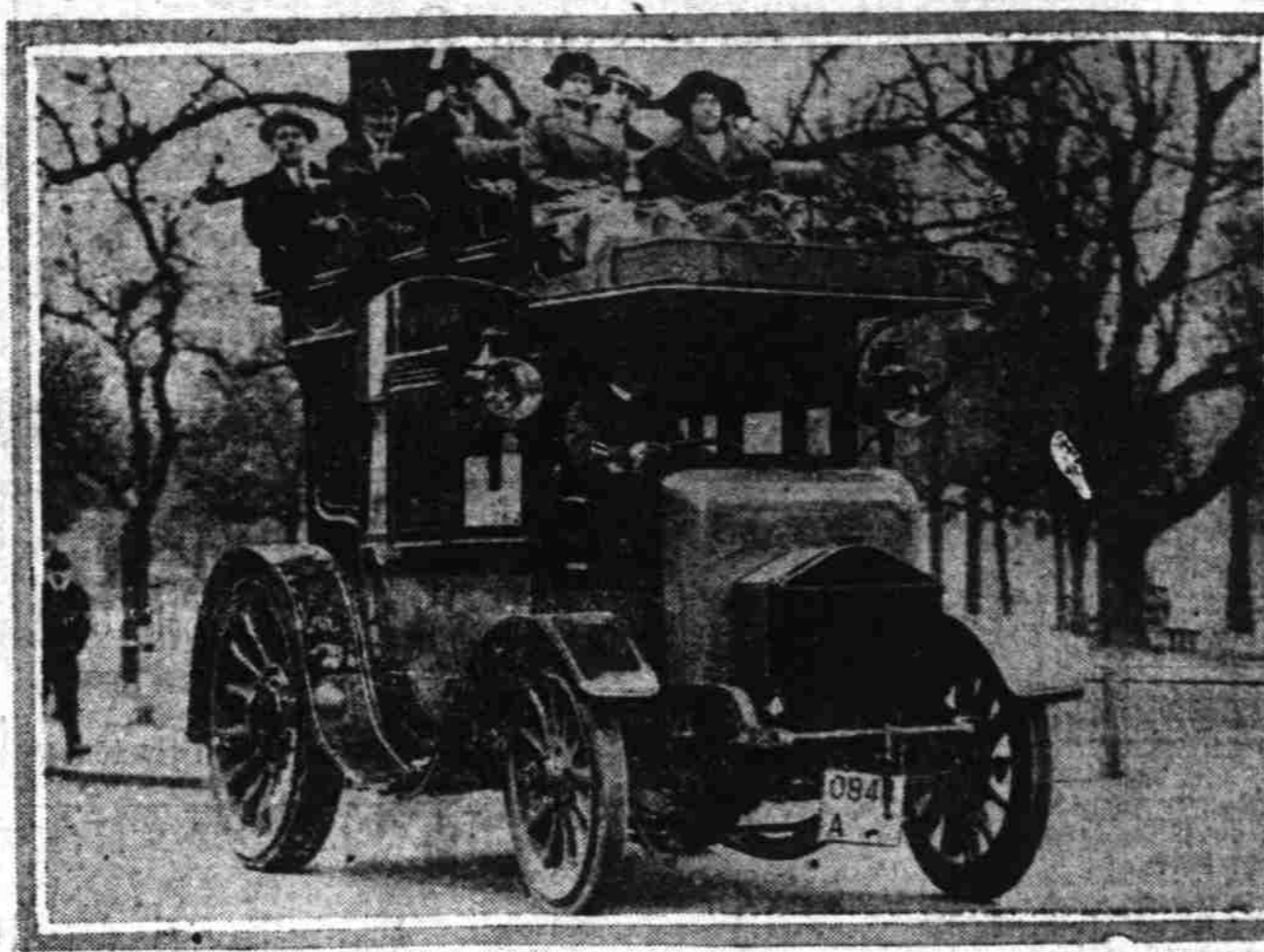
(Continued from page 2)

is quite well agreed among people of experience that lice and mites usually are the most prolific in dark places, and that disease germs and bacteria find conditions more to their liking in the absence of sunlight. That sunshine is more or less destructive to certain forms of minute life has long been known. Shade, of course, is essential, but such must also be a matter of indirect sunshine. It is the dark, badly ventilated, dead-air places that should be avoided in poultry house and yard construction.

Water Appropriations Are Sought from State

W. Harden Fisk of Lakeview has filed with the state engineering department an application for authority to appropriate water from Crooked creek for the irrigation of 63 acres in Lake county. Other applications for permission to use water from Oregon streams have been filed as follows: By J. E. McKern of Mt. Vernon covering the appropriation of 1.5 second feet from Clark springs and creek for irrigation of 120 acres in Grant county. By Thore A. Bakke of Wallowa covering the appropriation of 0.5 second feet from Whiskey creek for irrigation of a small tract in Wallowa county. By the Pacific Power & Light company, covering the appropriation of 8,000 second feet from Snake river for power development. By William Whittaker of Wolf

HISTORIC STAGE COACH CONVERTED TO MOTOR BUS.



This strange vehicle made its appearance in London a short time ago and caused considerable excitement. It was one of the famous coaches of Dick Turpin's time, but a motor and heavy wheels replace the picturesque horses and post-boys. We wonder what Dick Turpin would think were he to see the change to-day?

By S. P. Lockwood of Portland, for the appropriation of water from an unnamed spring branch of Columbia river for domestic water supply.

By Ora Bull of Wilderville, covering the appropriation of water from west fork of Minnie creek and springs for irrigation of one acre in Josephine county.

By F. E. Hamilton of Troutdale, covering the appropriation of water from two unnamed streams for irrigation of 22 acres in Multnomah county.

By Anders P. Sanders of Portland, covering the appropriation of water from Fizeout creek and Boulder creek for placer mining purposes in Douglas county.

By J. L. Farlow, Jefferson, covering the appropriation of water from an unnamed tributary of Umatilla river for irrigation of 20 acres in Umatilla county.

By Earl H. Dustin of Isee, covering the construction of the Dustin reservoir for storage of water from Abbott creek, and the appropriation of the stored water for irrigation of 40 acres in Grant county, at a cost of approximately \$1250.

By Robert L. Graham of Gwendolen, covering the appropriation of water from Rock creek for irrigation of 35 acres in Gilliam county.

By Willard B. Knight of Elgin, covering the appropriation of water from Weaver spring for irrigation of 10 acres in Union county.

By W. T. Huston of Eagle Point, for the appropriation of water from Rogue river for irrigation of 25 acres in Jackson county.

er than one which is not.

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