

M. O. LOWNSDALE'S LECTURE

Cause Facts And Instruction About Apple Culture Worth Knowing

As announced two weeks ago, M. O. Lownsdale, a member of the State Horticultural Board, lectured to the citizens of Monmouth and vicinity on Thursday evening, March 17.

There was some confusion as to place of meeting as the Lecture was announced to take place in Normal Chapel, and while consent for its use had been obtained arrangements for the opening of the house had not been completed, and hence, the lecture was held in the room in which the commercial club meets.

Mr. Lownsdale is thorough in apple culture, having made a study of the art and a success of the business, and understands that industry from the time the seed is planted for the shoot upon which the scion is grafted, until the matured fruit is marketed as the highest priced product.

The lecture was interesting and should have been heard by all farmers and fruit raisers, but the attendance was not very great. Mr. Lownsdale had a few samples of small branches, broken from apple trees in Monmouth, which he used in his lecture, showing the condition and state to which the diseased trees had obtained, and demonstrating its effect upon the wood.

Well, we do not know what effect his lecture had, generally, but for the writer, it only took a very short time to inform him that his ignorance on apple culture was great.

Mr. Lownsdale's lecture proves to us that the day of slipshod apple culture is over, and that to make a success of the business, there must be intelligent labor and care taken in caring for the trees, and as the pests will carry for long distances through the air, the care must be general, as one neglected tree or part of a tree becomes a menace to other trees for at least one and a half mile around.

No Water On Mars

"The astronomers who thought they discovered large quantities of water vapor on Mars were wrong. What they saw was not water vapor in the atmosphere of the planet, but water vapor over the point in the earth's atmosphere from which they made their observations.

"The existence of polar caps seems to be evidence of water on the planet, but the polar caps behave as would crystals of carbon dioxide. Carbon dioxide is the last remnant of an ancient atmosphere. It is the heaviest component part of an atmosphere, and would persist the longest. Perhaps the other ingredients escaped into outer space.

"The fact that clouds are perhaps never seen at the melting edge of the polar caps militates against holding that they consist of ice and snow as we know them.

"The so-called canals and other markings I do not consider as evidence of man's work. No doubt the change in the details of the markings on the planet's surface, from time to time, appear in connection with the changes of the seasons, perhaps due to the ordinary changes in vegetation. An observer outside the Earth looking down would see the great seasonal changes—the springing of the grass, the leafing out of the trees in the forest,

the ripening of the grain, the falling of the leaves in the autumn—quite as well before the advent of man as after."—Interview with Director Campbell, of the Lick Observatory, by Floyd McKinney, in April Pacific Monthly.

The Summer Course at Corvallis

A letter from Prof. E. D. Ressler of the Department of Industrial Pedagogy, of the Oregon Agricultural College at Corvallis, writes to the editor of the Herald as follows:

"Under separate cover I am sending you a copy of a preliminary circular, announcing the 1910 summer school of the Oregon Agricultural College. The short winter course has grown very rapidly the enrollment this year being over 500. The summer course is designed primarily for teachers who are engaged in the winter months, and for students who desire to devote a portion of their vacation to further study. It is open, however, to all who may find, in the instruction offered, subjects in which they are interested. Conditions of entrance are very easily met, as reference to the circular will show.

"I am particularly interested in promoting the work in my own department, that of trained teachers of the industrial subjects, including agricultural, household, economy and mechanic arts. Many of the school boards in the state are ready to introduce these subjects into the public schools at once and others are seriously considering the matter. They are naturally looking to the Agricultural College for teachers. The supply in the present study body is not sufficient for next year's demand, and we must recruit from the teachers now at work.

"Any teacher of experience and good ability, with some practical knowledge of the subject and natural talent for it, can get sufficient training in the seven weeks offered in the summer school and successfully carry it through the first year. We are now facing an emergency and must prepare to meet it. The greater salary for teaching a specialty is always an inducement to the ambitious. Here is a good opportunity for some bright teacher in your community. I shall take pleasure in corresponding with any who may be interested.

"The Department of Industrial Pedagogy is now engaged in the preparation of courses of study in elementary agricultural, wood working, sewing and cookery and will issue bulletins for free distribution within a few weeks. List of necessary apparatus and other required equipments, with prices, etc., will also be included in the circulars. Any suggestions as to the needs of your community which the department may be able to meet will be welcomed.

"Very truly yours,
"E. D. RESSLER."

Dr. Allin, dentist, Cooper Building Independence Oregon. Both phones. 19-tf.

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