### The Institute.

organ solo by Mr. H. A. York and same as those in Southern Oregon. Miss Anne Smith. Mr. Joseph A. Wilson delivered the address of wela talk of only a few minutes gave a derful resources of Hood River valley. and workings of the Agricultural College and the Oregon Experiment Station. A duet was then rendered by Mrs. Canfield and Mrs. Miller, with Miss Smith at the organ. Prof. Cordley read quite a lengthy paper on spraying, which was listened to with interest by all present. A discussion followed, and a good many questions were asked, which were promptly and Chandler read the following paper by Hon. Emile Schanno:

Some two or three weeks ago I was asked to prepare a paper, and to give my experience in fruit growing in my district for the last four years, during which time I have been a member of the S ate Board of Horticulture, I will say this, that if I had planted an orchard three or five years ago, I would undoubtedly have made a great mistake; the same mistake that was made by a good many of the old settlers. I would have selected a piece of land unfit for an orchard. I would never plant an orchard on any land that nature has not made timber grow on. My experience has taught me that there is only a very small portion of the natural land suitable for fruit growing. You all know the first settlers took up land that was the casiest to clear, or convinent to a spring, or some stream of water; and such clear land is generally not adapted to fruit growing. Even here in Hood River, you hear old settlers tell about planting orchards as early as in 1852, and the planting has continued up to the present time; yet how few of those old orchards are alive today! There are but very fow that are even twenty years old.

It is sometimes a very disagreable duty for me when people ask me concerning what is the matter with their trees. The trees are not doing well, and, after the owners have spent a good deal of money and time, I have to tell tuem that their location is not fit for orchard lands. We all learn by experience, and I believe there is not more than one out of three that makes a success of planting trees the first time the work is attempted.

At our last meeting of the State Horticultural Society, President H. B. Miller of the Agricultural College gave his experience in planting orehards. He planted three orehards good many people are under the impresson that all they have to do is to buy a piece of The afternoon land and plant a few trees, and that will be all that is necessary to enable them to make a good living; but how many of those people Now, in the months of February and March is a good time to pick out the location for an orchard, provided the soil is not too wet to one who wants to plant an orehard to go slow . and look over the neighborhood, and find out would prefer a northern slope, as more prosun. You will remember the northern hillsides are always covered with timber, and that is a very good sign that the soil is well adapted for fruit growing. A few years ago I wrote a letter to Colonel E. P. Babcock, of Walla Walla, one of the best authorities on fruit growing in the United States. I asked his advise in regard to suitable locations and the best varieties of fruit to grow. The answer I got was this: "There is no person living that could give advice without first knowing the location and the character of the soil; as to the kind of fruit to raise, that is another serious question to answer, because some land and not do well on others. The best way to determine what to plant is, first, to find out what does the best in your particular locality; and also what variety sells he best," One of the serious mistakes a fruit grower generally makes is in planting too many varieties. I also find that they generally plant plant an apple tree.

In putting out an orehard, be careful to see

that the land in well under-drained. As the country grows and gets older, people be so many failures in fruit growing. In the old country, where I was born, the government regulates the planting of fruit trees, and every variety of fruit has its own locality: so only they have some showers through the summer months. They also raise the same varieties of fruit as they do here, with the ex- had never operated in his orchards. c :ption of the French walnut.

I think every fruit grower ought to plant a few French walnuts some place along the road, or in some fence corner, as the trees pussing away the long hours of a winter eve-

In conclusion, I state as my deliberate judgapplication of the best business methods in Even then, the intelligent and diligent truit who furnished the excellent music, appointed.

grower in this vicinity may safely expect larger returns for his time and labor than come to the average of other occupations.

Mr. Schanno's paper called forth much discussion, President Miller gave his experience in planting orchards, having planted three, and the The horticultural institute, held in first two were failures. The failure of Hood River under the auspices of the the first was caused by the ground be-State Agricultural College, was a suc- ing too wet in winter and imperfect cess in every particular. The meetings drainage. The second was planted on were held in Middleton hall, and every new land, from which he had grubbed session was well attended. The insti- oak and pine trees. He attributed the tute opened Tuesday, at 1:30 p. m. failure of this orchard to its being Hood River Fruit Growers' Union. The college was represented by its pres- planted on new pine land. There was ident, H. B. Miller, and Professors quite a discussion on this point, and Hedrick, Cordley and Pernot. Emile Hood River orchardists had never Schanno, horticultural commissioner found pine lands detrimental to fruit for this district, Mr. Harvey, president trees. Mr. W. A. Slingerland, one of as to build up a standard of excellence, and to of the Multinomah Fruit Growers' the most successful orchardists in the Union, and Mr. Waters of White Sal- valley, planted his trees on pine land mon, were present and took part in the as soon as it was cleared. Mr. N. C. discussions. In the absence of Hon. Evans had had the same experience, T. R. Coon, president of the Hood Prof. Cordley thought the same condi-River Fruit Growers' Union, Mr. G. R. tions in climate and soil in Hood River Castner, the vice president, presided. did not prevail in Rogue River valley, The institute opened by a violin and and that the pines here are not the

Tuesday evening's session opened with the horticultural song by the come in a verry happy manner, and in Hood River Glee Club. As sung by the glee club, this song is immense, very comprehensive outline of the won- and the club responded to an enthuand the club responded to an enthu-siastic encore. It was the intention of Hon. H. B. Miller responded in quite Prof. Pernot to illustrate Prof. Cord- in the Articles of Incorporation, which are a lengthy address, showing the objects ley's lecture on the different insects and fungi which infest fruit by stereopticon views by means of electric light, but it was found that the dyname of the box factory had not sufficient power, and the professor had to resort to his coal-oil lamp, which did not give very good results, and the lecture, though entertaining and instructive, was not so complete as it would give bonds, with surety, in such sum as they have been with a stronger light. The satisfactorily answered. Mr. Frank evening session closed with a violin and organ solo by Mr. York and Miss

> Wednesday, at 10 o'clock, Mr. Frank Chandler read a paper on "Marketing Strawberries," which drew out a good many questions, and a lengthy discussion followed, principally on the best way to pack strawberries. Mr. Chan- ers only, and not to exceed two shares to any dler stated that while in Montana last shipping season he found that the brand of some of our growers sold their other employes as are necessary to do the or assessments have been paid, at any regular berries without further inquiry, while the crates of other growers were set aside to take their chances on the market. Mr. E. Locke was asked at what size he considered a berry too small to pack for shipment. He replied by saying he could not answer that question without having berries before him, but he could say that the best crate of berries he ever shipped averaged 36 berries to the pound box. The general verdict LaFrance, Miss Anne Smith and Mr. was that strawberries should be packed from the bottom of the box to the top, the berries placed stems down, and the singing, always good, seemed better box topped out with berries of uniform

Mr. Harvey, president of the applause. Multnomah Fruit Growers' Union, was will not permit the publishing of all the called upon to give his experience in the marketing of fruit. He stated that papers read at the institute. But the his union did not ship strawberries, meetings were well advertised and the that the strawberries grown in Mult- attendance was good throughout, so nomah county were mostly of the Tri- that the ones most interested in the before a got the proper location. This first umph and Wilson varieties, not good papers, and who will be most benefited failure seems general all over this state. A shippers, and were grown only for the by them, had the pleasure of hearing local market

nesday with a song by Mr. S. J. La ricultural college are all very much in France, accompanied by Mr. York on earnest in their work and seem emihave been disappointed, even in Hood River. the violin and Miss Smith on the or- nently fitted for the duties of their gan. Prof. Hedrick read a paper on several positions. Their visit to Hood "Pollenation, Pruning and Cultivation | River will prove of great benefit, and judge of its kind. I would always advise any of Fruit Trees." The discussion on we hope they will come again. these points took a wide range and ocon what kind of soil the trees do the best. I cupied the balance of the afternoon. A good many questions were asked grip, which is again upon us, covers a tected from the extreme heat of the summer about the fruit trees injured by the No- very wide area of territory, greater, in vember freeze and how to treat them. fact, than its predecessors have done. Prof. Hedrick did not think there was While it appears to be more general, much damage done to fruit trees here, attacking in many cases almost every but advised heavy pruning and wrap- member of a household, or even of a ping the trunks of the injured trees community, it does not seem to be so with burlaps. Where trees under six severe as it was upon its first appearyears of age have been killed by the ance years ago. It is not only milder bark bursting, and are not injured un- in its first attack, but recovery seems der the snow line, he advised cutting to be more rapid, while the after sympthem off just below the dead part and tons are not regarded as nearly so keeping the best sprouts that are sure severe or dangerous. there are no two quarter of sections of land to start to form the trees. The subject alike, and one variety of fruit-may do well on of pruning started a spirited discussion. President Miller said he had been a firm believer until recently of heavy sion of the senators appointed by the pruning, believing that the shape of the tree could and should be governed by the expert and made to conform to members will oppose their admission. their trees too close together. Some of the his ideas of an ideal tree. But he has growers plant cherries where they ought to since become convinced that we do too much pruning, that nature should be allowed to take its course in shaping it is the duty of the legislatures to elect, the tree, and that too much pruning especially when it is known that eleven will learn by experience, and there will not weakened the tree, made it the easy prey of disease and the many pestsand undoubtedly shortened its life. In his recent trip through Southern Orethere is no chance for anyone to make a mis- gou he found the most productive ortake. The climate in the southern part of chards had been pruned the least, and Germany is about the same as we have here, he now believes it would be hundreds cot trees with whale-oil soap - oneof dollars in his pocket if the "expert"

The concluding meeting of the institute was held Wednesday evening. President Miller read a carefully\_prefrom destroying the buds. grow to a very large size. This is a nice fruit pared paper upon schools, in which he to have in the winter time when you sit strongly brought out the fact that more a ound your fire-place telling stories and practical knowledge and training was needed in the schools of the land. Afterward, a number of stereopticon chase the forfeited railroad lands under ment, that the days of the careless or un- views of the Oregon Agricultural Colthe original act will be allowed until scientific fruit grower are rapidly passing lege, showing the buildings, grounds away in Oregon, as well as elsewhere. As the year-go by, increasing a mpetition and lower January 1, 1899, in which to perfect market prices will, even more than at present, were given. A vote of thanks was compel the successful grower to study care- given President Miller and the profesfully the matters of location of orehard, sors of the college for their instruct- about Washington City. The new adselection and protection of trees, and the ive meetings for the benefit of the ministration has been grinding for over disposing of the products of his orchard. Hood River fruit growers, and to those two weeks, and only one postmaster

## ARTICLES OF INCORPORATION AND BY-LAWS

#### Fruit Growers' Union.

rectors. They shall have daily account sales

rendered to the members of the Union each

day, as received by them or their agent, giv

ing a statement by whom sold, gross sales

commission, freight or express, and amount

ARTICLE V.

The directors may retuse to receive for ship

ment, under the brand of the Union, any package of fruit not considered prime from

any cause. They shall refuse to receive for

ARTICLE VI.

The duties of the secretary shall be to keep

all books and accounts and records of the

corporation, to keep the minutes of the pro-ceedings of the stockholders and directors

meetings, and to carry on all correspondence,

and to perform such other duties as may be

ARTICLE VII.

The duties of the president and vice pres

ident shall be the same as are usually re

ARTICLE VIII.

It shall be the duty of the treasurer to re-

ceive and pay out all funds of the company,

ARTICLE IX.

ficers and the transaction of other business

of the corporation shall be held on the second

Saturday in January of each year, in the

town of Hood River, Oregon, at 10 o'clock

ARTICLE X.

call a meeting of the stockholders whenever

in his judgment the necessities of the Union

require it, by giving one week's notice

through the local newspaper and by posting

ARTICLE XI.

which all legal calls or assessments have been

stockholders meeting, and no vote shall be

counted which is not represented by one

share of the stock upon which all calls or as

ARTICLE XII.

the majority of the stock upon which all call

These by-laws may be amended by vote of

T. R. COON, President.

paid in full, shall constitute a quorum at any

A majority of the stock subscribed, upon

notices in three conspicuous places.

sessments have been paid.

The president shall instruct the secretary to

The annual meeting for the election of of-

and keep a correct account of the same

required by the board of directors.

quired of such officers.

A. M.

dition of fruit, if there be any complaint.

The name of this corporation shall be The

ARTICLE II.

The object of this corporation shall be to secure for the fruit growers of Hood River val- due members of the Union; also, giving conley, Oregon, and vicinity all possible advantages in the marketing of their fruit, as well create a demand for the same.

ARTICLE III. The principal place of business of this corporation shall be at Hood River, Wasco coun- shipment fruit from any person not holding ty, state ef Oregon.

ARTICLE IV. The capital stock of this corporation shall be

fifteen hundred (1500) dollars, divided into three hundred shares. ARTICLE V.

The value of each share of such capital stock shall be five (5) dollars.

By-Laws, as Amended Feb. 15, 1897. ARTICLE I.

referred to as a part of these by-laws.

as treasurer without bonds.

ARTICLE IL. The directors of this corporation shall be seven in number, who shall be elected annually, and shall serve until their successors are elected and qualified. They shall qualify as directors within five days after their election, and within ten days thereafter they shall elect from their number a president, vice president and secretary. They shall also choose a treasurer, who shall be required to may deem ample. They may choose a bank

ARTICLE III. The directors shall have power to levy and collect assessments on the capital stock not to exceed 10 per centum of the stock subscribed at any one time and not oftener than every thirty days; the same to become delinquent in chirty days from date of notice of such assessment in the local newspaper. The directors shall sell shares of stock to actual fruit grow-ARTICLE IV.

The directors shall employ such agents or business of the corporation, and shall fix their or called meeting, provided that notice to remuneration; provided that the board of di- amend the by-laws shall have been given in

rectors shall receive no pay for acting as di- the call for the meeting.

N. C. EVANS, Secretary.

The meeting closed with a song by Mr.

H A. York furnishing the organ and

violin accompaniment. Mr.LaFrance's

We regret that our space and time

them read and the discussions that fol-

lowed. These gentlemen from the ag

Doctors report that the epidemic of

Republican senators have decided not

to press the admission at the extra ses-

governors of Oregon, Kentucky and

Florida, as it has been found the silver

This is right. It would be a bad prece-

dent to establish, allowing governors

to appoint United States senators while

members of the Oregon state senate

could tie up the legislature and pre-

Prof. Craw, state entomologist of

California, recommends spraying apri-

fourth of a pound of soap to 10 gallons

of water, applied warm - to prevent

linnets from eating the buds in the

spring. The same experiment with

cherry trees might prevent these birds

It is a cold day for office seekers

vent the election of a senator.

BOARD OF DIRECTORS—T. R. Coon, G. R. Castner (vice president and treasurer), N. C. Evans, H. J. Hibbard, W. J. Baker, J. J. Luckey and C. E. Markham.

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NOTICE FOR PUBLICATION.

Land Office at The Dalles, Oregon, March 9, 1897.—Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before Register and Receiver at The Dalles, Oregon, on April 20, 1897, viz: LAWRENCE SILLIMAN, Hd. E. No. 4045, for the east 1/2 of the southeast 1/2 section 23, township 2 north, range 10 east, The Dailes land office has received a circular from the interior department stating that persons entitled to purchase the forfeited railroad lands under

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NOTICE FOR PUBLICATION.

Land Office at The Dalles, Oregon, Feb. 25, 1807.—Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before Register and Receiver at The Dalles, Oregon, on April 10, 1897, viz:

NEWELL HARLAN,
Hd. E. No. 4329, for the north ½ northwest ½ section 11, township 2 north, range 11 east, W. M.
He names the fellowing witnesses to prove his continuous residence upon and cultivation of, said hand, viz:

Wm. Watson, E. J. Huskey, Frank Weidner and Thomas Harlan, all of Moster, Oregon, f26a2

JAS. F. MOORE, Register.