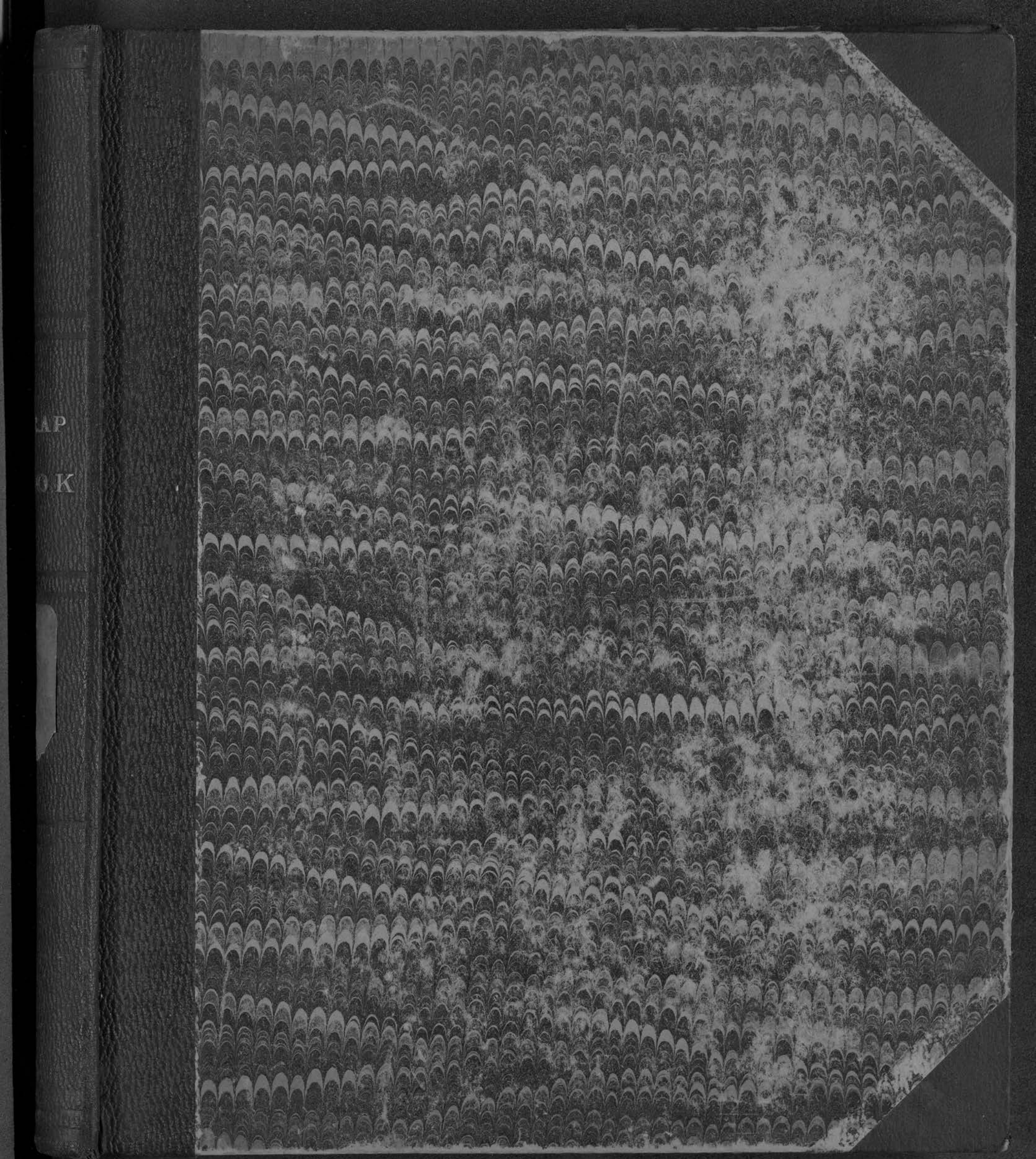


Minnesota State Horticultural Society Records.

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Version 3
August 20, 2018



MARK TWAIN'S

SCRAP BOOK.

PATENT
281,657

TRADE MARKS:

UNITED STATES.
REGISTERED No. 5,896.

GREAT BRITAIN.
REGISTERED No. 15,979.

DIRECTIONS.

Use but little moisture, and only on the gummed lines. Press the scrap on without wetting it.

DANIEL SLOTE & COMPANY,
NEW YORK.

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2 1901

abundantly was one of long and arduous experiment, but the greatest possible success has been attained since there are now several varieties of apples which have come to be regarded as a Minnesota product, notably the "Wealthy" and "Duchess."

It is important to note in this connection that over 1,000,000 bushels of apples were last season produced in this state, which years ago was pronounced by Eastern horticulturists to be totally unfitted for fruit culture of any sort. The dry cold of winter proved the most serious obstacle to success in the almost interminable experiments conducted by this devoted band but of the many trees tried those best suited to the climate were retained and improved upon until now the growth of apples is an important one.

Grape culture has been a great success in this state from the point of view of the scientist, but financially speaking this industry has been unsatisfactory. The reason is that New York and other eastern states are able to leave their vines unprotected during the winter months, instead of having to cover them, as is necessary in Minnesota. Moreover, the cost of shipment from the east is so light that eastern grapes are placed on the market at prices that eliminate any profit from the local industry.

Great attention is now being paid to plum trees, and varieties are being grgown now that withstand the winters of this northern latitude extremely well.

Thursday was strawberry day. That is to say that since this is the height of the strawberry season, the red berries were more in evidence at this show than any other fruit product. It is the pleasing custom of the horticulturists to put their strawberries on exhibition in the morning and eat them at lunch time. There were short addresses by members of the faculty of the state horticultural station, and Col. W. M. Liggett, who has just returned from California, was also heard on a talk on California fruit raising.

MINNEAPOLIS, MINN.
JOURNAL.
DATE OCT 30 1901

A GOOD APPLE SHOW

A Feature of the Horticultural Meeting Next Month.

The Minnesota State Horticultural society has planned an apple show in connection with its annual meeting which is to be held in Plymouth church, Dec. 3 to 6. Secretary A. W. Latham is making a special effort to get out a large exhibit of long-keeping, seedless apples, and the society will award cash prizes to all fruit winning mention from the judges. A premium of $20 will be offered for the early winter varieties; and a premium of $40 for the late winter varieties.

All apples entered in the contest must be accompanied by a piece of wood at least six inches long and three years old, cut from the tree on which the fruit was grown. Four apples of each variety entered must be shown.

A large attendance is expected at the meeting, and from present indications the apple exhibit will be a fine one.

Place Gundrota Minn.
Paper News
Date NOV 1 - 1901

—Valuable cash premiums for seedling apples of Minnesota origin are to be awarded at the annual meeting of the Minnesota State Horticultural society to be held in Plymouth Congregational church at Minneapolis on December 3-6. A special effort is being made to get out a large show of long keeping seedling apples at this meeting and with this end in view unusual premiums are being offered.

Place St Peter Minn.
Paper TRIBUNE
Date NOV 6 - 1901

Valuable cash premiums for seedling apples of Minnesota origin are to be awarded at the annual meeting of the Minnesota state horticultural society, to be held in the Plymouth Congregational church in Minneapolis Dec. 3d to Dec. 6th, 1901. Competition is open to all except on such varieties as are being propagated for sale by some person other than the originator.

Paper Chief
Date NOV 7 1901

Horticulturists in Minnesota appear to be pretty generally convinced that the injury to the apple tree in Minnesota is due more to its premature development in the spring than to the severity of the winter. The theory has been pretty generally accepted that the hot sun of the summer rather than the extreme cold of winter injures the tree and the policy now is to shelter the apple orchard from the hot summer sun and to prevent early budding in the spring. The experience of a northern Michigan farmer, this season, seems to practically demonstrate the correctness of this policy. He piled well packed snow over the roots of his trees to preserve the trunks from damages inflicted by rabbits. The snow remained over the trees long after the ground was bare. The cold compressed retarded the growth of buds until after the frost. He had about 400 bushels of apples, while his neighbors report a partial failure. In attempting to save his trees from the ravages of the rabbits this farmer learned a lesson which will be valuable to him in the future, as it was profitable to him this season.—Chatfield Democrat.

Place Minneapolis Minn.
Paper Tribune
Date NOV 15 1901

The Woman's Auxiliary of the S[illegible] Horticultural society will give a progr[illegible] for one session of the society's meeti[illegible] This program will be given 4 Decemb[illegible] at Plymouth church. Among those w[illegible] will contribute to the program are Mr[illegible] Florence Barton Loring, Mrs. Minni[illegible] Cummings, Rush City; Mrs. Anna B. Underwood, Lake City; Mrs. Virginia C. Meredith, Mrs. O. C. Gregg, Lynd; and Mrs. Mildred M. Barbard.

Place Minneapolis Minn.
Paper Tribune
Date NOV 16 1901

WILL DISCUSS BERRIES, FRUITS, TREES AND BEES

State Horticultural and Kindred Societies to Meet in Minneapolis Dec. 3, 4, 5 and 6.

Fruits and berries, flowers and bees, vegetables and trees will be discussed fully and learnedly at the Plymouth Congregational church Dec. 3, 4, 5 and 6.

The Minnesota State Horticultural society, the Minnesota State Forestry association, the Minnesota Bee-keepers' association and the Woman's Auxiliary will combine forces to make the thirty-ninth annual meeting of the horticultural society a success.

A good program of papers and talks, limited to ten minutes each, has been prepared, and the railroads have made a rate of one and one-third fare for the round trip. A large attendance is expected.

The display of fruits and flowers will be pretty. Sixty dollars will be distributed in prizes for long-keeping seedling apples of merit which have originated in the state.

The planting, care, treatment and marketing of berries of all classes which grow in Minnesota, and all sorts of fruits, will be discussed by persons who have learned from experience the best manner of treatment.

The vegetables of the kitchen garden and the field will be considered in every aspect in a similar manner.

A morning will be devoted to the subject of the ornamentaion of public and private grounds. And Tuesday evening C. M. Loring will give an illustrated address on the improvement of public and private grounds.

The women will have much to say Wednesday afternoon, when they discuss the farm mother and her flowers, the possiblities of country home grounds, outdoor improvement, club work in rural districts, school gardens and flower culture among children.

The question of forestry in Minnesota, what it is and what it may be and should be will be gone into thoroughly and comprehensively.

The busy bee will have some time devoted to himself, herself, itself—worker, queen and drone.

The annual society banquet will be given Thursday evening at a place to be announced later. Good music will intersperse the talks and papers of the program.

Place St. Paul Minn.
Paper Press.
Date NOV 16 1901

WILL TALK OF FRUIT AND BEES

THE STATE SOCIETIES WILL MEET.

Annual Sessions of Horticultural, Forestery and Beekeepers' Associations Next Month.

The Minnesota State Horticultural society will hold its thirty-fifth annual meeting at the lecture rooms of the Plymouth church, Eighth and Nicollet avenues, Minneapolis, Tuesday, Wednesday, Thursday and Friday, Dec. 3, 4, 5 and 6. The Minnesota State Forestry association, Minnesota Beekeepers' association and the woman's auxiliary will meet at the same time and in the same building. A large attendance is expected at these meetings and an interesting program has been secured.

The convention opens Tuesday morning and the subject for discussion will be "Commercial Small Fruit Growing." J. L. Herbst, secretary of the Wisconsin State Horticultural society, will address this meeting upon the topic "Strawberry Culture on a Large Scale." Tuesday afternoon the general subject will be "Commercial Vegetable Gardening." Prof. C. B. Waldron of Fargo, N. D., and C. H. True, secretary of the Northeastern Iowa Horticultural society, will speak. Tuesday evening C. M. Loring of Minneapolis will give an illustrated lecture on "Improvement of Public and Private Grounds." Wednesday morning Fred Nussbaumer, superintendent of parks of St. Paul, will tell of the ideal public park.

The annual business meeting of the society will be held Thursday, and in the evening the banquet will be given. The Friday afternoon session will be devoted to the topic "Improvement of Fruits." Prof. S. B. Green of St. Anthony Park and Prof. N. E. Hansen of Brookings, S. D., will speak.

At the meeting of the Beekeepers' association the question of uniting with the National Beekeepers' association will be decided. The Wednesday evening session of this association will be held at the state experiment station, St. Anthony Park. W. Z. Hutchinson of Flint, Michigan, president of the national association, will give a stereopticon lecture.

The horticulturalists will make a special effort to secure a full exhibit of all the varieties of the long-keeping seedling apples of merit grown in this state.

Place MINNEAPOLIS Minn.
Paper TRIBUNE
Date NOV 17 1901

COMBINE FORCES—The Minnesota State Horticultural Society, the Minnesota State Forestry Association, the Minnesota Bee-keepres' Association and the Woman's Auxiliary will combine forces at the annual meeting of the horticultural society Dec. 3, 4, 5 and 6. A program of papers and talks, limited to 10 minutes each, has been prepared and the railroads have made a rate of one and one-third fare for the round trip. The meetings will be held at the Plymouth Congregational church.

Place Minneapolis Minn.
Paper Tribune
Date NOV 18 1901

HORTICULTURISTS MEET

State Society Opens Its Annual Convention Here To-day.

The thirty-fifth annual convention of the Minnesota State Horticultural society will open to-day in the lecture-rooms of Plymouth church, Eighth street and Nicollet avenue.

The first session will commence at 9:30 a. m. with the greeting by President W. W. Pendergast. A program of nine papers on the general subject of commercial fruit growing will follow. In the afternoon the general subject will be commercial vegetable growing.

In the evening C. M. Loring will make an address on "The Improvement of Public and Private Grounds."

Place Austin Minn.
Paper HERALD
Date NOV 20 1901

—The executive committee of the S. M. Horticultural society met in this city Wednesday and arranged the program for the next annual meeting to be held in Spring Valley commencing Wednesday afternoon, Jan. 15th and closing Friday noon, Jan. 17th. An interesting program is mapped out.

Place ST. PAUL Minnesota
Paper GLOBE
Date NOV 20 1901

MEETING OF FRUIT MEN

STATE HORTICULTURAL SOCIETY'S ANNUAL SESSION.

The Minnesota State Horticultural society will hold its thirty-fifth annual meeting at Minneapolis, Tuesday, Wednesday, Thursday and Friday, Dec. 3, 4, 5 and 6, the same date on which the State Forestry association, Minnesota Beekeepers' association and the Woman's auxiliary will meet.

The convention opens Tuesday morning and the subject for discussion will be "Commercial Small Fruit Growing." J. L. Herbst, secretary of the Wisconsn State Horticultural society, will address this meeting upon the topic, "Strawberry Culture on a Large Scale." Tuesday afternoon the general subject will be "Commercial Vegetable Gardening." Prof. C. B. Waldron, of Fargo, N. D., and C. H. True, secretary of the Northwestern Horticultural society, will speak. Tuesday evening C. M. Loring, of Minneapolis will give an illustrated lecture on "Improvement of Public and Private Grounds." Wednesday morning Fred Nussbaumer, superintendent of parks of St. Paul, will tell of the ideal public park.

The annual business meeting of the society will be held Thursday, and in the evening the banquet will be given. The Friday afternoon session will be devoted to the topic, "Improvement of Fruits." Prof. S. B. Green, of St. Anthony Park, and Prof. N. E. Hansen, of Brookings, S. D., will speak.

1901 3

Place MINNEAPOLIS, Minnesota
Paper TRIBUNE
Date NOV 21 1901

STATE HORTICULTURAL SOCIETY TO MEET HERE IN DECEMBER.

Other State Auxiliaries Will Gather in Plymouth Church the Same Week.

The Minnesota State Horticultural society will hold its thirty-fifth annual meeting in Plymouth church lecture rooms Dec. 3, 4, 5 and 6.

The annual meetings of the State Forestry association, Minnesota Bee Keepers' association and Woman's Auxiliary will be held at the same place during the meeting of the horticultural association.

The forestry association will hold a joint session with the horticulturists Thursday afternoon, and the Woman's Auxiliary will meet jointly with the society Wednesday afternoon.

The bee keepers will meet Wednesday and Thursday afternoons. C. M. Loring will address the Tuesday evening meeting on "Improvement of Public and Private Grounds." Supt. Hobart, of Lakewood cemetery, and Engineer Nutter, of the park board, will speak on the same subject Wednesday morning. The annual banquet of the association will be held Thursday evening.

Place Luverne Minn
Paper Herald
Date NOV 22 1901

C. E. Older, the nurseryman of this place, will go to Minneapolis next month to attend the thirty-fifth annual meeting of the Minnesota State Horticultural society, which meets on December 3, 4, 5, and 6 in the lecture room of the Plymouth church. At the first day's session Mr. Older will read a paper on "Picking and Packing Small Fruits for Market," and at the Thursday session will be one of the seven vice-presidents to make reports of their districts.

Place Minnetonka
Paper Record
Date NOV 29 1901

TO MEET NEXT MONTH

The Minnesota State Horticultural Society's Annual.

Meets in Minneapolis Dec. 3, 4, 5 and 6. Promises to Be the Best of the Society.

The Minnesota State Horticultural society, which meets at Plymouth church Tuesday, Wednesday, Thursday and Friday, December 3d, 4th, 5th, and 6th, promises to be among the best of the midwinter meetings of the society. An interesting program has been prepared. Tuesday the general subject will be, "Commercial Small Fruit Growing," which will be divided into nine topics, each topic to be presented by an expert in his particular line. Among the Minnetonka growers who will present papers Tuesday will be F. J. Empenger of Bederwood, who will present the subject of "Planting and care of a Field of Red Raspberries." S. R. Spates of Markville, will have as his topic, "Currants and their Treatment in the Commercial Garden." R. A. Wright of Eureka, who has been assigned for a paper on the subject, "Implements for Small Fruit Culture." Rolla Stubbs of Bederwood, will have as a subject, a paper of vital interest to every fruit grower, being in regard to "Marketing fruit by Association." Wednesday morning, A. W. Hobart of Minneapolis, Superintendent of Lakewood cemetery, will have a paper that will be of interest to every resident of a rural community. he will have as a subject, "Laying out and caring for rural cemeteries." These meetings are always of an interesting and profitable nature and nearly every fruit grower in this section will avail himself of the opportunity of attending.

MINNEAPOLIS, MINN.
JOURNAL.
DATE..... DEC. 3 - 1901

BIG APPLES ON VIEW

A Feature of the Horticulturists' Session Beginning To-morrow.

THE 35TH ANNUAL CONVENTION

Bee Keepers and Forestry People Will Hold Their Meetings in Conjunction.

Orchardists of Minnesota and neighboring states will meet in the Plymouth Congregational church, Nicollet avenue and Eighth street, to-morrow, for a four-days' conference on topics horticultural. The occasion is the thirty-fifth annual session of the Minnesota State Horticultural society. The program for the several sessions of the fruit growers, and of the bee-keepers, foresters, and woman's auxiliary, who meet in conjunction with the horticulturists, includes a large number of men and women who are known as authorities in their respective lines and as entertaining speakers.

There will be regular sessions morning, afternoon and evening, until Friday evening. These will include an address by C. M. Loring of Minneapolis on "Improvement of Public and Private Grounds," on Tuesday evening; a business session Thursday morning, when the annual reports will be given and officers elected; a memorial hour on Thursday afternoon, for John H. Harris of La Crescent, founder and the oldest member of the society, Judson N. Cross, William Mackintosh and Professor Otto Lugger. The annual banquet will be held Thursday evening. The Ladies' Auxiliary will hold its regular meeting Wednesday, and the Bee-keepers will meet Wedesnday and Thursday.

Big Exhibit of Apples.

The exhibits of fruits by the association this year will be confined largely to apples. In two of the small rooms adjoining the lecture room where the meetings will be held, stands have been erected and arrangements made for the exhibition of several hundred plates of apples of the best variety Minnesota has produced during the past year. The society came near losing a large portion of its samples in the fire at the Produce Refrigerating company's plant, Saturday afternoon. Much of the fruit desired for exhibition at the meeting was placed in cold storage, and it narrowly escaped being consumed by fire. There was some damage by water but this was not material. A special exhibit will be made this year of seedlings, that is, of apples from trees grown from the seeds. This is practically a new venture, as most new trees are secured by grafting. It has been found, however, that a new variety is secured with the germination of each new seed and some hardy grades that will winter well have been raised during the past few years. Samples of these will be on exhibition at the church.

To-morrow's program is:

MORNING.

Commercial Small Fruit Growing—"Planting and Care of a Field of Red Raspberries," F. J. Empenger, Bederwood; "How to Get the Most Out of Black Raspberries Commercially," O. M. Lord, Minnesota City; "The Blackberry Field as a Venture," Wm. Sandrock, Rushford; "Currants and Their Treatment in the Commercial Garden," S. R. Spates, Markville; "Strawberries by the Acre," Thomas E. Cashman, Owatonna; "Strawberry Culture on a Large Scale," J. L. Herbst, secretary Wisconsin State Horticultural society, Sparta, Wis.; "Implements for Small Fruit Culture," R. A. Wright, Eureka; "Picking and Packing Small Fruits for Market," C. E. Older, Luverne; "Marketing Fruit by Association," Rolla Stubbs, Bederwood.

AFTERNOON.

Commercial Vegetable Gardening—"Succession of Crops in the Vegetable Garden," W. G. Beardsley, Minneapolis; "The Hotbed and Its Uses in Vegetable Gardening," Paul Burtzloff, Stillwater; C. B. Waddell, St. Louis Park; "Onions by the Acre," Alton M. Shepherd, Minneapolis; "Melons as a Field Crop," L. P. Lord, Owatonna; "Varieties and Culture of Sweet Corn," D. M. Hamilton, Minneapolis; "Early Tomatoes in the Open Ground," T. T. Bacheller, Minneapolis; "Ginseng as a Garden Product," Howard Simmons, Howard Lake; "Marketing the Vegetable Products," Frank Code, Minneapolis; "The Relative Value of Home Fertilizers," Professor C. B. Waldron, Fargo, N. D.; "The Farmer and Horticulture," C. H. True, secretary N. E. Iowa Horticultural society, Edgewood, Iowa; "How Plants May Be Improved," W. W. Pendergast, Hutchinson.

MINNEAPOLIS, MINN.
JOURNAL.
DATE..... DEC. 3 - 1901

BIGGEST IN THE U. S.

The Minnesota Horticultural Society Now Leads Them All.

MEETING OPENS AT PLYMOUTH

The Opening Session To-day Was Devoted to Culture of Small Fruits.

The thirty-fifth annual meeting of the Minnesota State Horticultural Society opened this morning in the lecture-room of Plymouth church. W. W. Pendergast of Hutchinson, the society's president, was in the chair. The attendance numbered about 200.

President Pendergast's annual address will come later. This morning he contented himself with a few brief introductory remarks during which he referred to



W. W. PENDERGAST,
President, Hutchinson, Minn., reading his address.

the importance of horticulture to the state, and called the attention of the members to the fact that the Minnesota society is now the largest organization of its kind in the country, the roll showing over 1,000 members.

The room in which the meeting was held had been fittingly decorated with greens; and the wall back of the speakers' platform was concealed behind great masses of palms. On the table stood a magnificent bunch of Minnesota roses.

In another room to the right were displayed the fruit exhibits. Here on long tables were shown the best products of Minnesota orchards and vineyards. Apples, grapes, plums and other fruits were displayed in profusion; and a placard informed visitors that none of the fruits had been kept in cold storage, the idea being to develop the "keeping" quality of a fruit as well as its size and taste.

Among the prominent exhibitors are the Jewell Nursery company of Lake City, the Lakeview Nursery and the H. M. Lyman nursery of Excelsior and the state experimental Tree Station, located at Owatonna. The Jewell Nursery company showed a plate of Shepherd's Pride plums that attracted much attention; and the display of apples was said to be better than for many years past.



GEORGE W. STRAND, TAYLORS FALLS,
Secretary Minnesota State Forestry Association.

The papers read were all limited to ten minutes, and following each was a discussion of the subject. A paper that excited interest was read by J. L. Herbst, of Sparta, Wis., on "Strawberry Culture on a Large Scale." Mr. Herbst finished within the time limit, but was not permitted to leave the platform until he had answered questions from all parts of the room.

The general subject of the morning was "Commercial Small Fruit Growing." This was divided into nine topics, although only seven of the papers were read. William Sandrock of Rushford, who was to have spoken on "The Blackberry Field as a Venture;" and S. R. Spates of Markville, whose subject was "Currants and Their Treatment in the Commercial Garden," were not present; but their papers will be printed in the official report.



A. W. LATHAM, SECRETARY.

Other papers were read as follows: "Planting and Care of a Field of Red Raspberries," F. J. Empenger, Bederwood; "How to Get the Most Out of Black Raspberries Commercially," O. M. Lord, Minnesota City; "Strawberries by the Acre," Thomas E. Cushman, Owatonna; "Implements for Small Fruit Culture," E. A. Wright, Eureka; "Picking and Packing Small Fruits for Market," C. E. Older, Luverne; and "Marketing Fruit by Association," Rolla Stubbs, Bederwood.

The general subject of the afternoon session was "Commercial Vegetable Gardening."

This evening C. M. Loring, father of the Minneapolis park system, will address the members of the society on "Improvement of Public and Private Grounds." The lecture will be illustrated by stereoptican slides.

The topic for to-morrow morning will be "Ornamentation of Public and Private Grounds." In the afternoon subjects relating to orchard work will be discussed. The Ladies' Auxiliary will meet at 3 p. m. to-morrow.

MINNEAPOLIS, MINN.
TIMES,
DATE.. DEC - 3 1901

MINNESOTA'S FRUIT GROWERS MEET TO-DAY

Four Days' Sessions Begins at Plymouth Congregational Church— Many Addresses to Be Made.

The thirty-fifth annual session of the Minnesota State Horticultural society will open this morning at Plymouth church, Eighth street and Nicollet avenue, to-day. The convention will continue for four days and will include sessions of the fruitgrowers, beekeepers, foresters and woman's auxiliary. Sessions will be held morning, afternoon and evening and a program of addresses has been prepared for the meeting. Prominent speakers have been secured. The conference will close Friday evening.

A feature of the session will be the exhibit of Minnesota apples. To-day's program is:

Morning.

Commercial Small Fruit Growing—"Planting and Care of a Field of Red Raspeberries," F. J. Emperger, Bederwood; "How to Get the Most Out of Black Raspberries Commercially," O. M. Lord, Minnesota City; "The Blackberry Field as a Venture," William Sandrock, Rushford; "Currants and Their Treatment in the Commercial Garden," S R. Spates, Markville; "Strawberries by the Acre," Thomas E. Cashman, Owatonna; "Strawberry Culture on a large Scale," J. L. Herbst, secretary Wisconsin State Horticultural society, Sparta, Wis.; "Implements for Small Fruit Culture," R. A. Wright, Eureka; "Picking and Packing Small Fruits for Market," C. E. Older, Luverne; "Marketing Fruit by Association," Rolla Stubbs, Bederwood.

Afternoon.

Commercial Vegetable Gardening—"Succession of Crops in the Vegetable Garden," W. G. Beardsley, Minneapolis; "The Hotbed and Its Uses in Vegetable Gardening" Paul Burtzloff, Stillwater; C. B. Waddell, St. Louis Park; "Onions by the Acre," Alton M. Shepherd, Minneapolis; "Melons as a Field Crop," L. P. Lord, Owatonna; "Varieties and Culture of Sweet Corn," D. M. Hamilton, Minneapolis; "Early Tomatoes in the Open Ground," T. T. Bacheler, Minneapolis; "Ginseng as a Garden Product," Howard Simmons, Howard Lake; "Marketing the Vegetable Products," Frank Code, Minneapolis; "The Relative Value of Home Fertilizers," Professor C. B Waldron, Fargo, N. D.; "The Farmer and Horticulture," C. H. True, secretary N. E. Iowa Horticultural society, Edgewood, Iowa; "How Plants May Be Improved," W. W. Pendergast, Hutchinson.

Place..... ST. PAUL. ..... Minn.
Paper..... GLOBE .....
Date..... DEC - 3 1901 .....

Fruitgrowers' Annual.

The thirty-fifth annual session of the Innesota State Horticultural society will open at the Plymouth Congregational church, Eighth street and Nicollet avenue, today. The convention will continue for four days and will include sessions of the fruitgrowers, beekeepers, foresters and woman's auxiliary. Sessions will be held morning, afternoon and evening and a programme of addresses has been prepared for the meeting. Prominent speakers have been secured. The conference will close Friday evening.

A feature of the session will be the exhibit of Minnesota apples.

Minn
lace..... ST. PAUL .....
aper..... GLOBE .....
ate..... DEC - 3 1901 .....

FRUITS AND FLOWERS.

Annual Meeting of Horticultural Society To-Day.

The thirty-fifth annual meeting of the State Horticultural society will open this morning at Plymouth church, Minneapolis. The meeting will continue to-morrow, Thursday and Friday. The subjects of the various sessions are: Tuesday morning, commercial small fruit growing; Tuesday afternoon, commercial vegetable gardening; Wednesday morning, ornamentation of public and private grounds; Wednesday afternoon, ladies' auxiliary; Thursday morning, annual reports; Friday morning, the commercial orchard; Friday afternoon, improvement of fruits.

This evening C. M. Loring of Minneapolis will deliver an address on the improvement of public and private grounds. Thursday afternoon will be occupied by the annual of the Minnesota State Forestry association. The annual banquet of the society will be held Thursday evening.

The Minnesota Beekeepers' association will hold its thirteenth annual meeting at Plymouth church, Minneapolis, to-morrow and Thursday.

ce Austin Minn.
per Herald
e DEC 3 1 1901

HORTICULTURE

An Important Report.

Copy of report given by Jonathan Freeman, Vice President of 1st Congressional District before the Minnesota State Horticultural Society convened at Minneapolis, Dec. 2—6, 1901.

The method of this report, whether good or bad, is my own; but have been assisted by two leading Horticulturists in the District, in the listing of names of those who would probably answer communications and the suggestion of questions for answer. The report will largely consist of information outside of my immediate knowledge, as kindly rendered by others.

A list of nine questions was printed in circular form, and with more or less of my own hand-writing, was mailed to sixty different persons within the District. Thirty-three acknowledged its receipt, and inclosed from part to a full answer and review of the years experience within the field of observation. I highly appreciate the spirit and the efforts made upon the part of those who answered. Because of infirmities and little practice in writing on the part of some, I well know it required great determination to fulfill my request, but your efforts are highly appreciated, as you were enabled to record some of the most vital facts for the interest and benefit of our work. To those who did not notice the communication sent, permit me kindly to ask what are your thoughts after writing to a person or fellow-worker who possesses the information desired, and no notice is taken thereof. Are they not rather ugly? To one of good common-sense, incorrect spelling and zig-zag hand-writing will willingly be overlooked, and more than likely your facts are just the ones most needed.

As Horticulturists, will not we be the first class to correct this weakness of humanity of neglecting to answer questions for which we do not receive immediate pay in cash.

Question 1. Are the older orchardists continuing their past interest in the work, as illustrated by proper care of old trees and plants, and in planting space to the best of the old ones and the well tried of the new? Some, still living, possess their former interest in fruit-growing, properly caring for the old trees and plants, and extending their bounds by planting more of the best of the old and new varieties. Quite a per cent of the older men are discouraged, and neglect is manifest, while a few are completely disgusted and doing nothing in the line of fruit culture.

Question 2. What average annual per cent of new men are planting more or less fruit trees and small fruits? And what average annual per cent of increase in the purchase of trees and plants by all? Also what is true of the purchase of forest and decorative trees and shrubs?

A fair per cent of younger men, sons of the first settlers, as they come to maturity, are planting and manifesting considerable interest. A large per cent of the new men, coming from other sections, are thus doing, resulting in an annual increase of trees and plants purchased, of from twenty five to seventy-five per cent. In the eastern part of the District many forest and decorative trees are taken from the natural forest, but to the west, are almost entirely purchased from the nursery; and the annual increase of sales are from ten to one hundred per cent, largely because of the manifest necessity of shelter belts for protection, not only from the wintry blaste, but for the shielding of fruits from hot winds, sun-scald, etc.

Question 3. What six varieties of apples for the past six years have proved the most remunerative in their order per tree for selling in the markets within your reach?

Question 4. Please give the best six varieties, each, of apples and "crabs and hybrids;" four each of plums, cherries, strawberries and currants; three each of raspberries, blackberries, gooseberries and grapes for general planting.

Question 5. Of the newer varieties of plums what have proved the most desirable?

Question 6. What late keeping apple seems likely to become most popular?

Question 7. What have been the special drawbacks or hindrances in fruit culture during the past year?

Drouth, continued intense heat, mentioned by a large majority. Late frosts, insect enemies, needs and insufficient cultivation by several. Inability to obtain reliable help, overproduction in the year of 1900, the sale of worthless stock from the east and south by "gangs of tree sharks."

(Continued from Thursday's Daily)

Question 8. What new thing has impressed itself upon you the past season?

"That orchards should be cultivated as often as corn. Of two orchards of mine, one in grass and one with cultivation, forty cents per bushel difference in quality and better yield in favor of cultivation.

"That we must irrigate and have an irrigating plant.

"Pattens Greening and London impress me favorably.

"Constant surface cultivation.

"Late keeping seedling apples.

"That Minnesota ought to make an effort to supply the immense demand for Wealthy apples in Western states.

"A fine wood growth this season.

"Spraying a necessity.

"The great increase of insect enemies of fruit, fruit-trees, small fruits and shrubs, and the great need of a thorough system of extermination all along the line.

"The Compass cherry and Surprise plum.

"Nothing wrong this year, but there did before.

"Spray, mulch and prune, then no trouble raising apples.

"Will have to spray fruit trees if we want the whole fruit, for the birds don't seem to get up early enough around here to catch worms that make the hole in apples.

"That sooner or later we have got to spray to get clean fruit, and that the railroads ought to give us better accommodatio in hauling our fruit.

"Left my blackberries up last winter without cover. Was much impressed with the shortness of the crop. Decided wouldn't do it again.

"If farmers cannot do something to make perfect fruit, the tree business will be dead, I note that apples from old trees are the worst. The Stone, a late blossoming variety, was the most perfect. What about spraying? Will it actually save the apple, or is it a fake?

"Absolute necessity of thorough cultivation.

"That in grafting Compass cherry on plum stock, it reduces the cherry flavor of the fruit. I think by grafting them on cherry that it will be much better.

'General farming and commercial fruit-growing will not do together, as one or the other will likely be neglected.

"Cultivate more, cultivate early, stir the soil. Keep the grass and weeds down. Go slow on the new kinds. Let somebody else try them first.

Question 9. What are the indications of a crop for the coming season?

Good! Good! Good! Plenty of moisture. Abundance of fruit-buds. Prospect of an abundant crop next year, expressed by a great majority. Fair growth of wood and well-ripened, by several.

From the best information gleaned from the District, it appears that all fruits in every section, with few exceptions, have yielded during the past season from nothing to fifty per cent of an average crop, and that the sales have commanded from good to high prices.

GENERAL REMARKS.

"The Transcendent Crab is the very best for commercial purposes. The English Morills cherry is best and only cherry raised here successfully. Has fruited over thirty-six years. Have picked and sold two hundred thirty-seven bushels in one year. Seedlings of finest quality. Leons, season July. Alling, season June. Long-John, April to May.

"So many hard questions to answer, will not answer any. Have one hundred new varieties of apples in cellar.

"Some nuts that seem hard to crack.

"Twenty years ago planted hundreds of trees, all killed. Young men are continuing to plant.

"I think that the Peerless is a much more hardy tree than the Wealthy, and better fruit.

"Duchess have paid the best, because orchards are oldest, but Wealthy is in best demand, and brings highest price. Newer varieties of currants and gooseberries are coming to the front.

"Old orchardists more interested, because they realize an increase of money value. Cherries—a dead letter. Grapes—nit.

"If a tree gets damaged by a cold winter, cut back all limbs in spring so that the top is not more than half-size.

"Many orchards have been set in the past few years, but are not fruiting as yet sufficiently to form an opinion. They are generally well-cared for, and are looking well. In a few years we will be able to make an intelligent selection.

"My experience is, that to have apples every year, the trees must be fed. Mine are manured every year, and I have a fair crop every year. The Wealthy is the apple for the northwest, large, good color, and if picked with care, as soon as it begins to color, will keep as well as most winter fruit in ordinary farmers' cellars.

"Have just returned from a trip through four townships in my own county. Were raising some fruit in one township, a very little in another, but I did not see an orchard in the other two.

"I have many varieties on trial, but as yet they have not been proven. Am more and more of the opinion that the list to advise to the general planter should be kept low. The large cultivator or grower is himself better able to judge than the Society can tell him, for undoubtedly he has or will give it study. Recommend only the old and sure ones. Better for the majority to plant two or three varieties and be sure, than many and failure.

"In my long experience have tried at least one hundred and twenty varieties of apples, and can now recommend not more than twenty varieties, that I would now set for an orchard, if age permitted. Pattens Greening is large, and a fine apple, but falls from the tree too soon. Longfield is a good bearer, but fruit is too small for market purposes. The Anisim, though a beautiful color, yet too small. The McMahon, unless near market, and carried like eggs, they bruise. Would now set an orchard in the following proportion: 5 Red Duck, 5 Glass Green, 5 Gilbert, 25 Wealthy, 15 Duchess, 20 Thompsons, 10 Repka 10 Malinda, 5 Yellow Sweet.

Crabs or Hybrids: Sweet Russett, Martha and Gideon No. 6.

The facts and experiences as rehearsed in the above thirty-three communications, have been of great interest and benefit to me, and hope they may be the same to many others.

Why are the reports so meager and discouraging pertaining to the cherry? It is a fruit that I especially love, and why is it not a success in the western half of the District?

What is the force of suggestions made by a few that commercial orcharding and general farming cannot be successfully followed, as a rule, by the same party?

Is it not one of the forceful reasons for the present disparity of fruit culture upon the prairie and hill and bluff sections? Evidently, this is worthy of consideration at all horticultural meetings.

JONATHAN FREEMAN.

Place
Paper
Date DEC - 4 1901

State Horticulturists' Annual.

The Minnesota State Horticultural association is holding its annual meeting at the Plymouth Congregational church in Minneapolis. "Ornamentation of Public and Private Grounds" was the topic discussed this morning.

Yesterday's session was devoted to a discussion of topics of interest to the delegates. There was a display of Minnesota-grown fruit in a room adjoining the place of meeting.

C. M. Loring made an address before the society in the evening on "The Improvement of Public and Private Grounds."

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Minneapolis News.

FRUITGROWERS MEET

REPRESENTATIVES IN ATTENDANCE FROM ALL PARTS OF THE STATE

The State Horticultural society opened its thirty-fifth annual meeting at the lecture room of the Plymouth church yesterday morning. The meeting was called to order by President W. W. Pendergast, of Hutchinson, Minn., who contented himself with a few brief remarks as to the importance of horticulture in the state. President Pendergast's address will be given later on.

He called attention to the fact that the Minnesota society was the largest of its kind in existence, numbering over 1,000 members. There were over 200 present at the opening exercises yesterday morning, and more are expected to arrive.

In one room there were a number of exhibits of fruits on long tables showing the best products of Minnesota's vineyards and orchards. Apples, grapes, plums and other fruits were shown in profusion, and placards mentioning the fact that these fruits had not been kept in cold storage, the idea being to develop the "keeping" quality of fruit as well as the size and flavor.

The exhibitors were Jewell Nursery company, of Lake City; Lakeview Nursery and the H. M. Lyman, of Excelsior, Minn., and the state experimental tree station at Owatonna. The Jewell nursery displayed a plate of Shephard's Pride plums which attracted much attention, and their display of apples was one of the finest they ever turned out.

A number of papers were read, and all were limited to ten minutes. Following each there was a brief discussion of the subject. A paper which created much interest was one that was read by J. L. Herbst, of Sparta, Wis., on "Strawberry Culture on a Large Scale." When Mr. Herbst finished he was kept busy for a time answering questions from all parts of the room.

The general subject of the morning was "Commercial Small Fruit Growing." This was divided into nine subjects, and only seven papers were read. Two of those who were to have read papers on this subject were absent, William Sandrock, of Rushford, and S. R. Spayes, of Marysville.

Papers were read as follows: "Planting and Care of a Field of Red Raspberries," by F. J. Empenger, Benderwood; "How to Get the Most Out of Blackberries Commercially," O. M. Lord, Minnesota City; "Strawberries by the Acre," Thomas E. Cushman, Owatonna; "Implements for Small Fruit Culture," E. A. Wright, Eureka; "Picking and Packing Small Fruits for Market," C. E. Older, Luverne, and "Marketing Fruit by Associations," Rolla Stubbs, Benderwood.

The general subject for the afternoon's discussion was "Commercial Vegetable Gardening."

C. M. Loring, father of the Minneapolis park system, spoke in the evening on the "Improvements of Public and Private Grounds." He was listened to attentively, and answered a number of questions that were asked him by those present.

The topic for this morning will be "Ornamentation of Public and Private Grounds," and in the afternoon the subject of orchard work will be taken up and thoroughly discussed.

The ladies auxiliary will also meet this afternoon at 3 o'clock.

MEGAARDEN GIRLS' CLOTHING

MINNEAPOLIS, MINN.
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The thirty-fifth annual session of the Minnesota State Horticultural Society is being held at the Plymouth Congregational church in this city. Minneapolis fruits, like Minneapolis live stock, are nonpareil. The society is respectable from age and membership and notable for the good it has accomplished and the aims it has in view. When so eminent a citizen as C. M. Loring speaks it may be counted upon with absolute certainty that he has something to tell that all who are interested in the particular subject under discussion should hear.

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MINNEAPOLIS NEWS

Pioneer Press, Room 2, First Floor ing. Tel.: Main 6.

Minnesota State Horticultural society to order. The meeting will continue until Friday afternoon. The attendance is larger than last year, and there is every prospect of a very successful meeting.

The convention will devote considerable time to discussing the seemingly prosaic subject of "shipping fruit," and will then ask the legislature to enact a law providing for uniform and systematic measurement in the shipment of fruit. The contention of those who have given this matter special thought is this: Fruit is generally shipped in such large packages as to make it less attractive than would otherwise be the case. This is especially true of Minnesota fruit. California fruit is put up in smaller and more attractive form, and in that way has the advantage when brought in competition with the fruit of Missouri and other states.

The following program was observed yesterday after an address by President Prendergast:

Morning Session—

"Planting and Care of Field and Red Raspberries," F. J. Empenger, Bederwood.

"How to Get the Most Out of Black Raspberries Commercially," O. M. Lord, Minnesota City.

"The Blackberry Field as a Venture," William Sandrock, Rushford.

"Currants and Their Treatment in the Commercial Garden," S. R. Spates, Markville.

"Strawberries by the Acre," Thomas E. Cushman, Owatonna.

"Strawberry Culture on a Large Scale," J. L. Herbst, secretary Wisconsin State Horticultural society, Sparta, Wis.

"Implements for Small Fruit Culture," R. A. Wright, Eureka.

"Picking and Packing Small Fruits for Market," C. E. Older, Luverne.

"Marketing Fruit by Association," Rolla Stubbs, Bederwood.

Afternoon Session—

"Succession of Crops in the Vegetable Garden," W. G. Beardsley, Minneapolis.

"The Hotbed and Its Uses in Vegetable Gardening," Paul Burtzloff, Stillwater, C. B. Waddell, St. Louis Park.

"Onions by the Acre," Alton M. Shepherd, Minneapolis.

"Melons as a Field Crop," L. P. Lord, Owatonna.

"Varieties and Culture of Sweet Corn," D. M. Hamilton, Minneapolis.

"Early Tomatoes in the Open Ground," T. T. Bacheller, Minneapolis.

"Ginseng as a Garden Product," Howard Simmons, Howard Lake.

"Marketing the Vegetable products," Frank Code, Minneapolis.

"The Farmer and Horticulture," C. H. True, secretary Northeastern Iowa Horticultural society, Edgewood, Iowa.

"How Plants May Be Improved," W. W. Pendergast, Hutchinson.

C. M. Loring, father of the Minneapolis park system, delivered a very interesting illustrated lecture in the evening on "Improvement of Public Lands and Private Grounds." "We in the West have not done our duty to ourselves, our children, or the public," said Mr. Loring. "The large majority of our roads are a disgrace to modern civilization, and too many of our farm houses are devoid of comfort, and few are surrounded with trees or other evidences of refinement. In a recent drive through Hennepin and Carver counties I was surprised to see so many houses without paint, hogs rooting in the front yard, and other evidences of neglect.

MINNEAPO

Business and Editorial Offices of the New Tribune Build

VETERANS OF A GREAT STATE

HORTICULTURISTS IN ANNUAL REUNION.

Two Hundred of More Enthusiastic Fruit Growers Gather in Minneapolis and Start the Thirty-Fifth Annual Meeting a Way That Is Auspicious.

A couple of hundred horticulturists, most of them men and women whose enthusiasm as fruit growers and thorists has made them regular attendants at the state meeting for very many years, were assembled in the lecture room of the Plymouth Congregational church yesterday morning when the veteran, President W. W. Prendergast, of Hutchinson, Minn., called the thirty-fifth annual convention of the

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ADVICE BACKED BY EXPERIENCE

Horticultural Society Discusses Improvements and How to Obtain Them.

State Meeting Opens in Minneapolis — Instructive Papers Read at Opening Session.

C. M. Loring Says Too Many Farm Homes Are Devoid of Evidences of Refinement.

The 35th annual meeting of the Minnesota State Horticultural society opened yesterday in the lecture rooms of Plymouth Congregational church, Nicollet avenue and Eighth street, with an attendance of nearly 200 delegates.

A special effort has been made this year to get out a full exhibit of seedling apples, originating in this state. A prize of $1,000 has been offered by the society for a seedling apple as prolific as the "Duchess" and at the same time having the keeping qualities of the "Malinda."

There is an unusually large display of fruits. Fruit growers in Hennepin, Ramsey, Wabasha, Dakota and Cottonwood counties have brought down large consignments of exhibition fruit, part of which are apples. The exhibition register yesterday showed 35 exhibits of apples representing over 100 different varieties.

Following the greeting by President W. W. Pendergast was the appointment of committees. The following named committee will award the seedling premium of $1,000. Elliott Wyman, Clarence Wedge and S. B. Green. The cold storage apples will be judged by O. M. Lord, and the grapes by R. S. Mackintosh.

The general subject of the opening session was commercial small fruit growing. "The Planting and Care of a Field of Red Raspberries," was the subject of a paper read by F. J. Empenger, Bederwood. "How to Get the Most Out of Black Raspberries Commercially," was the subject of a discussion conducted by O. M. Lord, Minnesota City.

SMALL FRUIT GROWING

A paper on "The Blackberry Field as a Venture," and another on "Currants and Their Treatment in the Commercial Garden," were read by William Sandrock, Rushford, and S. R. Spates, Marksville.

One of the principal subjects was the planting, care and treatment of strawberries. This was discussed by Thomas E. Cashman, Owatonna, and J. L. Herbst, secretary of the Wisconsin State Horticultural society, Sparta, Wis.

The following papers were read and discussed: "Implements for Small Fruit Culture," R. A. Wright, Eureka; "Picking and Packing Small Fruits for Market," C. E. Older, Luverne; "Marketing Fruit by Association," Rolla Stubbs, Bederwood.

The afternoon session was given to discussion of commercial vegetable gardening.

C. M. LORING TALKS.

In the evening Charles M. Loring delivered an address on "Improvement of Public Lands and Private Grounds." His talk was profusely illustrated by stereopticon views showing the results of improvements along the lines suggested, and was highly entertaining as well as instructive.

"We in the West have not done our duty to ourselves, our children, or the public," explained Mr. Loring. "The large majority of our roads are a disgrace to modern civilization, and too many of our farm houses are devoid of comfort, and few are surrounded with trees and other evidences of refinement.

"In a recent drive through Hennepin and Carver counties I was surprised to see so many houses without paint, hogs rooting in the front yard, and other evidences of neglect."

Here Mr. Loring drew a comparison between these farms and the delightful farms in the Eastern states, and then the speaker attacked the villages, saying: "Too many of them are devoid of attractiveness. The wide, dusty main street is lined with varied styles of buildings, with their ugly wood awnings and signs, the residences are sprinkled about like plums in a pudding, not a tree or a shrub hides their weather-beaten fronts, not a flower blooms in front yard or window, and their inhabitants live—just live; no amusement, no recreation."

Mr. Loring suggested a remedy for all this, and urged the work of improvement in both city and country.

The pictures shown embraced scenes in Minnesota, in different parts of the United States, and in Europe.

G. O. P. IN BAY STATE

IN CITY ELECTIONS TEN REPUBLICAN MAYORS CARRY TICKET TO VICTORY.

BOSTON, Dec. 4.—In this state yesterday 33 cities chose their city governments for next year. Eleven went for license, a gain of one over last year, the change being in Fitchburg.

The great feature of the elections as a whole was the remarkable success of the Republican party, ten of its mayoralty candidates winning.

Minnesota Stock Brokers, 10,400,000; Northern Montana Wool Growers' association, 10,00 seep; Central Montana Wool Growers' association, 1,500,00 sheep; American Angora Producer's association, 17,000 goats; State Cattle Sanitary Board, Tennessee; Kansas Stock Growers' association, 1,500,000 cattle.

A Hereford is the grand champion of all breeds in the fat cattle division of the international live stock exposition this year. Chief interest for breeders center yesterday in the winner of the grand championship for steer or spayed heifer of the show.

There were three competing breeds Hereford, Shorthorn and Angus, but in the final judging the Shorthorns were eliminated.

The winning animal is Woods Principa and a pure-bred yearling shown by George P. Henry, of Goodend, Ill. This animal weighed 1,645 pounds.

TO HELP FRUIT TRADE

It is probable that the Minnesota State Horticultural society, will establish an important innovation in the production, sale and distribution of fruit raised in the state. One of the principal motives of the present meeting is to reduce the size of the parcels used in the shipment of fruit raised in Minnesota in competition with California and the Southern states, in order to present it more attractively and giving the retail purchaser an opportunity to buy in smaller quantities without having to break the original parcel packed by the producer.

It was said at the opening meeting of the society yesterday that attempts will be made to establish a standard measurement for the shipment of apples and plums, as is done in the transportation of smaller fruits.

The plan now talked of is to present a bill to the legislature requesting the establishment of a standard measurement for the shipping of apples and plums, which will only be one-half the size of the present parcels, and also advocating the use of boxes instead of barrels for the shipment of apples.

O. W. Moore, Spring Valley, proposed that the state establish a uniform package for the measurement of plums, and it is understood that the same proposition will be made regarding apples.

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MINNESO CON

Minnesotana plan to conquer more fields.

State Horticultural Society Discusses the Growth of New Varieties of Fruit.

The Minnesota State Horticultural society, the largest organization of its kind in the United States, opened its thirty-fifth annual meeting yesterday morning at the lecture-room of the Plymouth Congregational church, Nicollet avenue and Eighth street. More than two hundred members are in attendance, and there are a number of visitors from similar associations in adjoining states.

The entire morning and afternoon sessions were devoted to the reading of papers upon topics of interest to the delegates, and a breezy discussion followed the reading of each paper.

C. M. Loring of Minneapolis delivered an address at the evening session on improvement of public grounds.

One of the features of the meeting is the display of Minnesota grown fruit in the room adjoining the hall of meeting. Here can be found a handsome collection of the products of the orchards and vineyards of the north star state, and the visitor is invariably astonished at the results which are here shown.

In the papers read the fact that Minnesota is a good state for the growing of apples, plums and grapes was taken for granted, the scope of discussion turning toward new fields to conquer.

Much speculation was indulged in regarding the best methods of introducing pears and cherries.

The papers read during the morning were:

"Planting and Care of a Field of Red Raspberries," F. J. Empenger, Bederwood; "How to Get the Mos Out of Black Raspberries Commercially," O. M. Lord, Minnesota City; "The Blackberry Field as a Venture," William Sandrock, Rushford; "Currants and Their Treatment in the Commercial Garden," S. R. Spates, Markville; "Strawberries by the Acre," Thomas E. Cashman, Owatonna; "Strawberry Culture on a Large Scale," J. L. Herbst, secretary Wisconsin S ate Horticultural society, Sparta, Wis.; "Implements for Small Fruit Culture," R. A. Wright, Eureka; "Picking and Packing Small Fruits for Market," C. E. Older, Luverne; "Marketing Fruit by Association," Rolla Stubbs, Bederwood.

The program of the afternoon was carried ou as anticipated, save that one paper was omitted owing to the absence of Professor C. B. Waldron of North Dakota. The papers read were as follows:

"Succession of Crops in the Vegetable Garden," W. G. Beardsley, Minneapolis; "The Hot-bed and Its Uses in Vegetable Gardening," Paul Burtzloff, Stillwater, and C. B. Waddell, St. Louis Park; "Onions by the Acre," Alton M. Shepherd, Minneapolis; "Melons as a Field Crop," L. P. Lord, Owatonna; "Varieties and Culture of Sweet Corn," D. M. Hamilton, Minneapolis; "Early Tomatoes in the Open Ground," T. T. Bacheller, Minneapolis; "Ginseng as a Garden Product," Howard Simmons, Howard Lake; "Marketing the Vegetable Products," Frank Code, Minneapolis; "The Farmer and Horticulture," C. H. True, secretary Northeastern Iowa Horticultural society, Edgewood, Iowa; "How Plan s May Be Improved," W. W. Pendergast, Hutchinson.

C. M. Loring's Address.

C. M. Loring addressed the Minnesota State Horticultural society at Plymouth church last evening on "The Improvement of Public and Private Grounds."

The lecture was illustrated with a varied assortment of stereoptican views. At its conclusion the members of the society pressed forward to express their gratitude to Mr. Loring for the instruction and entertainment he had afforded them.

Mr. Loring prefaced the exhibition of the views with a tribute to the sterling virtues of New England character, which, he maintained, were largely due to the environment of the New Englander.

The scenes of childhood were bound to leave their impress upon the mind of the grown man and woman. A child



Vice President C. E. Older.

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born and raised in the slums of a city could scarcely escape a life of evil.

Mr. Loring also impressed upon his hearers that the art of beautifying private and public grounds did not necessitate the expenditure of much money. It simply invorved the exercise of a knowledge of nature, good taste and sufficient industry.

A graphic illustration of what could be accomplished in this direction was afforded by a view of a home in Bluff City, a Kansas settlement, in the heart of the state.

This place, Mr. Loring said, was settled in 1890 by a man named James Glover. A picture of the plainest kind of a house, standing on a rolling prairie, destitute of the vestige of a tree or shrub, was flashed on the screen. Then followed a picture of Mr. Glover's home nine years later and pictures of other settlers' homes.

The transformation was miraculous.

Trees and vines and flowers and pretty lawns beautified the homes. To-day there are only sixty-five or seventy voters in the settlement and the houses are far apart.

Then Mr. Loring exhibited pictures of streets in New England towns and also in Rochester, N. Y., shaded on both sides by lofty elms. These views were contrasted with the bleak and desolate scenes representing peasant settlements in Scotland, Ireland, Holland and Norway, which afforded little inspiration for the sentiment, "How dear to my heart are the scenes of my childhood!"

Yet these New Englanders were no more able to plant trees than the people of other localities and countries.

Overplanting of Trees.

Mr. Loring called attention to what he termed the "overplanting" of trees in New England towns. They should be planted, he said, from 40 to 50 feet apart instead of 10 to 12 feet, in order to let in plenty of sunlight and air. It would be better not to have any trees than to have too many.

Pictures of farm scenes in Hennepin county, Pennsylvania and Holland were shown, as were views of an orange grove in California. Robert Burn's cottage and Anne Hathaway's moss-covered cottage.

Returning to Minnesota, Mr. Loring said her roadways were a disgrace to civilization, and that the system of constructing them was all wrong.

Pictures of streets and scenes in Hutchinson and Northfield, Minn., were shown to illustrate how public property can be improved. Mr. Loring thought that a roadway thirty feet in width was wide enough, if it contained no street car tracks.

Pictures of streets in Paris and Berlin were shown to illustrate how trees could be planted, even on narrow thoroughfares.

Mr. Loring deplored the obscuring of natural scenery by fence advertising, which, he declared, should be prohibited if possible.

In conclusion Mr. Loring spoke of the grandeur, beauty and variety of the scenery afforded by the American continent.

He had never, through his European travels, beheld such superb scenery as that he witnessed along 600 miles of the Canadian Pacific railway and in the canyons of the Rocky mountains.

Prize May Not Be Lifted.

A list of prizes for the best varieties of Minneapolis apples is the inducement which has provided the fruit exhibit. A prize of $1,000 was offered for the production of a seedling apple as prolific as the "Duchess" and as good a keeper as the "Malinda," and though there are several compe itors, it is the opinion of the officers that the prize will not be lifted this year.

"Oranmentation of Public and Private Grounds," will be the topic at the session this morning. At 3 o'clock in the afternoon the ladies' auxiliary will meet jointly with the society.

Thursday morning the annual reports of the officers will be made. Thursday afternoon an nour will be devoted to memorial purposes, four members having died during the past year—John S. Harris, Judson N. Cross, William Mackintosh and Professor Ot o Lugger.

Thursday afternoon the Minnesota State Forestry association will meet in joint session with the horticulturists.

To-morrow afternoon the Minnesota Bee-Keepers will begin their thirteenth annual meeting, which will continue two days. At the afternoon meeting the bee-keepers will vote whether or not to join the national associa ion.

A special effort is being made to get out a large show of long keeping seedling apples at this meeting, and with this end in view unusual premiums are being offered, on the following conditions:

EARLY WINTER VARIETY,—The fruit shown must have been grown by the owner of the original tree and not kept in cold storage. A specimen of wood three years old (at least 6 inches long) taken from the tree bearing the apples shown, and a concise history and description of the tree and its fruit, must accompany each entry. Four apples must be shown of each variety entered.

Competition is open to all except on such varieties as are being propagated for sale by some person other than the originator. Successful competitors who are not members of the society will be made so for the current year by deducting one dollar, the annual fee, from the amount of the award.

Premium will be divided pro rata mong all the entries commended by the judges, according to the comparative merit of each as a commercial fruit.

Premium $20.00.

Place.....MINNEAPOLIS.....Minn.
Paper.....TRIBUNE.....
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J. M. Underwood, Lake City, who is a delegate to the annual meeting of the State Horticultural association, which is being held this week in the lecture room of the Plymouth Congregational church, yesterday afternoon, presented a paper in which he suggested that equal protection in the way of patent rights be afforded the discoverer of a new kind of fruit, that now protects the inventor of a new mechanical devise or the author of a book.

Mr. Underwood said:

"In the commercial world protection is given to every one, even to the smallest detail. There is hardly a thing in mechanical improvements to which the public has not been required to pay heavy tribute. There is, however, one class of people who are entirely without protection.

PROPOSES AN INNOVATION.

"The horticulturist may spend his life in arduous toil to improve the condition of his calling, and by so doing add to the comfort and happiness of his fellow men, and never secure a penny for the benefits that his skill has wrought.

"A chain of law should be put upon the public, and it should keep hands off until he had shaken enough fruit of his efforts to fill his basket full of reward. It seems but fair that we should have a national law granting to the discoverer or introducer of a new plant, tree, fruit, vegetable or grain the exclusive right to its propagation and sale for a period of 15 years or more. It should be made a misdemeanor and punishable by a heavy fine for each offense for any one to propagate or sell it under any other name except by the consent of the owner.

"A law of this kind would be wonderfully productive of good results by stimulating the planting of seeds and the practice of cross-fertilization to produce new and valuable varieties."

Other papers were read and discussed as follows: "My Experience in Horticulture and Tree Growing on Coteau Farm," O. C. Gregg, Lynd; "Heat in the Orchard," Prof. William Robertson, State School of Agriculture.

The ornamentation of public and private grounds and a general improvement of roads by the state was the principal topic of discussion at the morning and afternoon sessions of the Horticultural society yesterday.

Jonathan Freeman, Austin, said landscape adornment was a universal obligation. He believed there would be many more investments in Minnesota lands if the state and private property and landholders would co-operate in a movement looking to a general improvement in the planting of trees and clearing away rubbish on land owned individually and on property owned by the state, counties and municipalities.

A. K. Bush, Dover, read a paper on "Beauty and Utility in Ornamentation About the Farm Home." A paper on the "Improvement of Private Grounds" was read by C. C. Dike, White Bear. The "Nurseryman's Part in Landscape Adornment" was presented in a paper read by O. F. Brand.

Fred Nussbaumer, superintendent of parks, St. Paul, told the assembly what he knew about "An Ideal Park."

The laying out and caring for a rural cemetery was explained by A. W. Herbert, superintendent of Lakewood cemetery, after which followed an illustrated lecture on "Parks for Smaller Towns" by Park Engineer F. H. Nutter.

Other papers were: "Perennial Phlox," W. E. Fryer, Mantorville; "Native Shrubbery in Ornamentation," Lycurgus M. Moyer, Montevideo; "The Ponderosa Pine," A. Norby, Madison, S. D.

LADIES' AUXILIARY.

The first meeting of the Ladies' Auxiliary of the State Horticultural society was held in the convention hall at the Plymouth church yesterday afternoon. There were about 150 present.

Place.....MINNEAPOLIS.....
Paper.....TRIBUNE.....
Date.....DEC.....

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Place.....Corner.....MINN.
Paper.....JOURNAL.....
Date.....DEC 5 1901

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mals passed within range.

It also fell before Bellstrom's rifle.

TRUSTEES OF ASYLUMS MEET.

La Crosse, Wis., Dec. 3.—(Times Special)—The first annual convention of the trustees and superintendents of county asylums in Wisconsin will open in this city to-morrow.

The following counties are members of the association: Brown, Chippewa, Dodge, Dunn, Sheboygan, Marathon, Marinette, Outagamie, Richland, St. Croix, Sauk, Trempealeau, Eau Claire and Winnebago.

MODERN DIANA KILLS DEER.

Marquette, Mich., Dec. 3.—(Times Special)—Mrs. W. H. Farroll of Sands township has closed the hunting season with a record of two deer and eight dozen partridges.

STOCKHOLDERS MUST PAY.

Milwaukee, Dec. 3.—Stockholders of the defunct Commercial bank have been held liable for $99,999.96.

DROPPED DEAD WHILE SAWING.

Battle Lake, Minn., Dec. 3.—(Times Special)—Ephraim Phelps of Main township dropped dead yesterday while sawing wood. Heart disease was the cause of death.

C. M. Loring of Minneapolis Delivers an Address Upon the Improvement of Public Grounds.

1901

Place.....ST. PAUL.....Minn.
Paper.....GLOBE.....
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"In the commercial world protection is given to every one, even to the smallest detail. There is hardly a thing in mechanical improvements to which the public has not been required to pay heavy tribute. There is, however, one class of people who are entirely without protection.

"The horticulturist may spend his life in arduous toil to improve the condition of his calling and by so doing add to the comfort and happiness of his fellow men, and never secure a penny for the benefits that his skill has wrought.

"A chain of law should be put upon the public and it should keep hands off until he has shaken enough fruit of his efforts to fill his basket full of reward. It seems but fair that we should have a national law granting to the discoverer or introducer of a new plant, tree, fruit, vegetable or grain the exclusive right to its propagation and sale for a period of fifteen years or more. It should be made a misdemeanor and punishable by a heavy fine for each offense for any one to propagate or sell it under any other name except by the consent of the owner.

"A law of this kind would be wonderfully productive of good results by stimulating the planting of seeds and the practice of cross-fertilization to produce new and valuable varieties."

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JOURNAL.
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X901

born and raised in the slums of a city could scarcely escape a life of evil.

Mr. Loring also impressed upon his hearers that the art of beautifying private and public grounds did not necessitate the expenditure of much money. It simply involved the exercise of a knowledge of nature, good taste and sufficient industry.

A graphic illustration of what could be accomplished in this direction was afforded by a view of a home in Bluff City, a Kansas settlement, in the heart of the state.

This place, Mr. Loring said, was settled in 1890 by a man named James Glover. A picture of the plainest kind of a house, standing on a rolling prairie, destitute of the vestige of a tree or shrub, was flashed on the screen. Then followed a picture of Mr. Glover's home nine years later and pictures of other settlers' homes.

The transformation was miraculous.



PRESIDENT W. W. PENDERGAST.

Trees and vines and flowers and pretty lawns beautified the homes. To-day there are only sixty-five or seventy voters in the settlement and the houses are far apart.

Then Mr. Loring exhibited pictures of streets in New England towns and also in Rochester, N. Y., shaded on both sides by lofty elms. These views were contrasted with the bleak and desolate scenes representing peasant settlements in Scotland, Ireland, Holland and Norway, which afforded little inspiration for the sentiment, "How dear to my heart are the scenes of my childhood!"

Yet these New Englanders were no more able to plant trees than the people of other localities and countries.

Overplanting of Trees.

Mr. Loring called attention to what he termed the "overplanting" of trees in New England towns. They should be planted, he said, from 40 to 50 feet apart instead of 10 to 12 feet, in order to let in plenty of sunlight and air. It would be better not to have any trees than to have too many.

Pictures of farm scenes in Hennepin county, Pennsylvania and Holland were shown, as were views of an orange grove in California. Robert Burn's cottage and Anne Hathaway's moss-covered cottage.

Returning to Minnesota, Mr. Loring said her roadways were a disgrace to civilization, and that the system of constructing them was all wrong.

Pictures of streets and scenes in Hutchinson and Northfield, Minn., were shown to illustrate how public property can be improved. Mr. Loring thought that a roadway thirty feet in width was wide enough, if it contained no street car tracks.

Pictures of streets in Paris and Berlin were shown to illustrate how trees could be planted, even on narrow thoroughfares.

Mr. Loring deplored the obscuring of natural scenery by fence advertising, [illegible] be prohibited.

[illegible] ng spoke of [illegible] variety of [illegible]e American [illegible]is European [illegible] scenery as [illegible]00 miles of [illegible]way and in [illegible] mountains. [illegible]lifted.

[illegible]st varieties [illegible] the induce- [illegible] the fruit [illegible] was offered [illegible]dling apple [illegible]ss" and as [illegible]linda," and [illegible]ompe itors, [illegible]fficers that [illegible] this year. [illegible]c and Prize [illegible] topic at [illegible]: 5 o'clock [illegible]' auxiliary [illegible]society.

[illegible]annual re- [illegible] be made. [illegible]ur will be [illegible]poses, four [illegible]ng the past year—John S. Harris, Judson N. Cross, William Mackintosh and Professor Otto Lugger.

Thursday afternoon the Minnesota State Forestry association will meet in joint session with the horticulturists.

To-morrow afternoon the Minnesota Bee-Keepers will begin their thirteenth annual meeting, which will continue two days. At the afternoon meeting the bee-keepers will vote whether or not to join the national association.

Place Carver Minn
Paper JOURNAL
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A special effort is being made to get out a large show of long keeping seedling apples at this meeting, and with this end in view unusual premiums are being offered, on the following conditions:

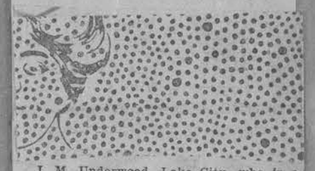
EARLY WINTER VARIETY,—The fruit shown must have been grown by the owner of the original tree and not kept in cold storage. A specimen of wood three years old (at least 6 inches long) taken from the tree bearing the apples shown, and a concise history and description of the tree and its fruit, must accompany each entry. Four apples must be shown of each variety entered.

Competition is open to all except on such varieties as are being propagated for sale by some person other than the originator. Successful competitors who are not members of the society will be made so for the current year by deducting one dollar, the annual fee, from the amount of the award.

Premium will be divided pro rata mong all the entries commended by the judges, according to the comparative merit of each as a commercial fruit.

Premium $20.00.

Place MINNEAPOLIS Minn
Paper TRIBUNE
Date DEC 5 1901



J. M. Underwood, Lake City, who is a delegate to the annual meeting of the State Horticultural association, which is being held this week in the lecture room of the Plymouth Congregational church, yesterday afternoon, presented a paper in which he suggested that equal protection in the way of patent rights be afforded the discoverer of a new kind of fruit, that now protects the inventor of a new mechanical devise or the author of a book.

Mr. Underwood said:

"In the commercial world protection is given to every one, even to the smallest detail. There is hardly a thing in mechanical improvements to which the public has not been required to pay heavy tribute. There is, however, one class of people who are entirely without protection.

PROPOSES AN INNOVATION.

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"A chain of law should be put upon the public, and it should keep hands off until he had shaken enough fruit of his efforts to fill his basket full of reward. It seems but fair that we should have a national law granting to the discoverer or introducer of a new plant, tree, fruit, vegetable or grain the exclusive right to its propagation and sale for a period of 15 years or more. It should be made a misdemeanor and punishable by a heavy fine for each offense for any one to propagate or sell it under any other name except by the consent of the owner.

"A law of this kind would be wonderfully productive of good results by stimulating the planting of seeds and the practice of cross-fertilization to produce new and valuable varieties."

Other papers were read and discussed as follows: "My Experience in Horticulture and Tree Growing on Coteau Farm," O. C. Gregg, Lynd; "Heat in the Orchard," Prof. William Robertson, State School of Agriculture.

The ornamentation of public and private grounds and a general improvement of roads by the state was the principal topic of discussion at the morning and afternoon sessions of the Horticultural society yesterday.

Jonathan Freeman, Austin, said landscape adornment was a universal obligation. He believed there would be many more investments in Minnesota lands if the state and private property and landholders would co-operate in a movement looking to a general improvement in the planting of trees and clearing away rubbish on land owned individually and on property owned by the state, counties and municipalities.

A. K. Bush, Dover, read a paper on "Beauty and Utility in Ornamentation About the Farm Home." A paper on the "Improvement of Private Grounds" was read by C. C. Dike, White Bear. The "Nurseryman's Part in Landscape Adornment" was presented in a paper read by O. F. Brand.

Fred Nussbaumer, superintendent of parks, St. Paul, told the assembly what he knew about "An Ideal Park."

The laying out and caring for a rural cemetery was explained by A. W. Herbert, superintendent of Lakewood cemetery, after which followed an illustrated lecture on "Parks for Smaller Towns" by Park Engineer F. H. Nutter.

Other papers were: "Perennial Phlox," W. E. Fryer, Mantorville; "Native Shrubbery in Ornamentation," Lycurgus M. Moyer, Montevideo; "The Ponderosa Pine," A. Norby, Madison, S. D.

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A paper that attracted much attention was read by O. F. Brand, of Faribault, on "The Nurseryman's Part in Landscape Adornment." Mr. Brand said that $100 judiciously invested in beautifying a home had been known to increase its selling value tenfold. He thought a nurseryman should be competent to tell his customers not only what to plant, but how to plant it, and how to care for it. Large trees, he said, should be at least forty feet apart, and should not be allowed to obstruct a view of the buildings. Trees that combine both beauty and utility should be used, and driveways and walks should be curved instead of straight. For shrubery he said the high bush cranberry was preferable to the lilac, because of its utilitarian value. He advocated large, well-kept lawns and in flowers suggested that an effort should be made to secure striking color contrasts. For early spring, tulips were advised; for summer, the peony which Mr. Brand said had supplanted the rose as queen of flowers.

Fred Nussbaumer, superintendent of parks of St. Paul, was on the program for a paper on "An Ideal Public Park." He was not present, but his paper will be printed by the society later.

A. W. Hobart, superintendent of Lakewood cemetery, spoke on "Laying Out and Caring for the Rural Cemetery." He devoted much of his time to giving his ideas of what a cemetery should be. The description of his ideal seemed to fit Lakewood perfectly.

Other speakers and their subjects were: F. H. Nutter, Minneapolis, "Parks for the Smaller Towns;" W. E. Fryer, Mantorville, "Perennial Phlox;" L. R. Moyer, Montevideo, "Native Shrubbery in Ornamentation;" and A. Norby, Madison, S. D., "The Ponderosa Pine."

The program for the afternoon included "My Experience in Horticulture and Tree Growing on Coteau Farm," O. C. Gregg,



A. J. PHILLIPS, WEST SALEM, WIS.
Secretary Wisconsin Horticultural Association.

Lynd; "Heat in the Orchard," Prof. Wm. Robertson, St. Anthony Park; "Legal Protection for the Owner of a Seedling Fruit," J. M. Underwood, Lake City; "The Fertility of Fruit Blossoms," Professor F. A. Waugh, Burlington, Vt.; "An Orchard Experience of One-third Century," A. Wilfert, Cleveland.

Ladies' Auxiliary.

The Ladies' auxiliary held a joint session this afternoon at which the following papers were read:

"The Farm Mother and Her Flowers," Mrs. Minnie A. Cummings, Eden Prairie; "The Possibilities of Country Home Grounds," Mrs. O. C. Gregg, Lynd; "An Amateur's Notes on Outdoor Improvement," Mrs. Florence Barton Loring, Minneapolis; "The Possibilities of Club Work in the Rural Districts," Mrs. Anna B. Underwood, Lake City; "Woman's Part in the Improvement of Farm Home Grounds," Mrs. Virginia Meredith, St. Anthony Park; "School Gardens and Others," E. M. Powell, Glenwood, Iowa; "An Undeveloped Field in Flower Culture Among the Children," Mrs. Mildred Meta Barnard, Minneapolis.

This evening the delegates will go to the state experimental station at St. Anthony Park, where the Bee Keepers Association will provide a program.

The program for to-morrow's sessions includes the annual reports of officers and committees for the morning.

Memorial Hour.

At 2 o'clock the memorial hour will begin. The roll of the dead for the year contains four names—John S. Harris, Judson N. Cross, William Mackintosh and Professor Otto Lugger. Addresses will be delivered by Judge H. G. Hicks, S. M. Owen and others.

At 3 o'clock will be held the annual election, after which the Minnesota State Forestry association will meet and listen to a program by Charles M. Loring, president State Forestry association, Minneapolis; Alfred Terry, Slayton; General C. C. Andrews, chief fire warden, St. Paul; Professor S. B. Green, St. Anthony Park; Mrs. W. T. Bramhall, H. H. Chapman, Grand Rapids.

To-morrow evening the annual society banquet will be held.

BEE-KEEPERS MEET

They Adopt a Song and Discuss Use of Adulterants.

"I am your honeysuckle, you are the bee," sang Miss Edith Dexter of Staples, Minn., before the thirteenth annual meeting of the Minnesota Bee-Keepers association, which opened this morning at Plymouth church; and when she had concluded, the air was adopted by unanimous consent as the song of the society. President William Russell of Minnehaha Park was in the chair, and the attendance numbered about fifty.

H. G. Acklin, St. Paul; and J. W. Murray, fered prayer and then the association settled down to business. The matter of honey adulteration was discussed at some length. A committee reported that several arrests and convictions had already been brought about by the society in connection with its efforts to put an end to the use of adulterants.

Under the heading "Question Box," members submitted pertinent questions



J. L. HERBST, SPARTA, WIS.,
Reading paper on Strawberry Raising.

regarding bee culture. A brief discussion relative to the advisability of joining the National Bee-Keepers' association followed. This question came up again at the afternoon session, and the society voted in favor of taking the step. During the afternoon papers were read by J. P. West, Hastings; President Russell, Mrs. H. G. Acklin, St. Paul ;and J. W. Murray, Excelsior.

This evening the delegates will attend an entertainment to be given for them at the state experiment station, St. Anthony Park.

To-morrow at 9:30 a. m. after a piano solo by Miss Edith Dexter of Staples, the following will read papers: W. J. Stahlmann, Bruce, Wis.; G. R. Frye, River Falls, Wis.; William Cairncross, Plato, Minn. To-morrow afternoon the following will read papers: A. D. Shepard, River Falls, Wis.; Walter R. Ansell, Milaca, Minn.; J. B. Dexter, Staples, Minn.; John Collins, Wyoming, Minn. The election of officers and question box will follow the papers.

MR. LORING'S ADDRESS

He Discusses Improvement of Public and Private Grounds.

The evening session last night was devoted to an address by C. M. Loring on "The Improvement of Public and Private Grounds." The lecture was profusely illustrated with stereopticon slides, and at its conclusion members of the society crowded around Mr. Loring to thank him for the instruction and entertainment he had provided.

A point emphasized by the speaker was the small cost of beautifying private grounds, the requisites being good taste, a fair knowledge of nature and industry. As an illustration of what could be accomplished at small cost, Mr. Loring showed a view of a home in Bluff City, Kan., "before and after taking." The first view was that of an unattractive house on the bare prairies; the second, taken nine years later, a picture of the same house, but in a most picturesque environment, trees, vines, flowers and lawns beautifying the view.

As a general proposition, the speaker stated that New Englanders paid more attention to beautifying their grounds than was given to the same matter in the west; and he showed a number of views to prove his contention. He severely criticized Minnesota roads and said the principle of their construction was all wrong. In conclusion he spoke of fence signs, and advocated the passage of a law prohibiting them, if possible.

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The second day's session of the Minnesota State Horticultural association was marked by an increase in attendance and a more pronounced manifestation of interest in the proceedings.

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Among those in attendance yesterday were a number of men prominent in practical horticultural work throughout the northwest as well as several of the instructors of well-known agricultural schools.

The general subject of the morning session was "Ornamentation of Public and Private Grounds." This theme was divided into ten topics, each of which was dealt with in a paper and then discussed in detail by the members.

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In the evening the members of the association went to the experiment station at St. Anthony Park, where they listened to a lecture on "Beekeeping," by W. Z. Hutchinson.

TALK OF HOME DECORATION

Women Discuss Plans for Beautifying Country Grounds.

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Paper
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1901

A paper that attracted much attention was read by O. F. Brand, of Faribault, on "The Nurseryman's Part in Landscape Adornment." Mr. Brand said that $100 judiciously invested in beautifying a home had been known to increase its selling value tenfold. He thought a nurseryman should be competent to tell his customers not only what to plant, but how to plant it, and how to care for it. Large trees, he said, should be at least forty feet apart, and should not be allowed to obstruct a view of the buildings. Trees that combine both beauty and utility should be used, and driveways and walks should be curved instead of straight. For shrubery he said the high bush cranberry was preferable to the lilac, because of its utilitarian value. He advocated large, well-kept lawns and in flowers suggested that an effort should be made to secure striking color contrasts. For early spring, tulips were advised; for summer, the peony which Mr. Brand said had supplanted the rose as queen of flowers.

Fred Nussbaumer, superintendent of parks of St. Paul, was on the program for a paper on "An Ideal Public Park." He was not present, but his paper will be printed by the society later.

A. W. Hobart, superintendent of Lakewood cemetery, spoke on "Laying Out and Caring for the Rural Cemetery." He devoted much of his time to giving his ideas of what a cemetery should be. The description of his ideal seemed to fit Lakewood perfectly.

Other speakers and their subjects were: F. H. Nutter, Minneapolis, "Parks for the Smaller Towns;" W. E. Fryer, Mantorville, "Perennial Phlox;" L. R. Moyer, Montevideo, "Native Shrubbery in Ornamentation;" and A. Norby, Madison, S. D., "The Ponderosa Pine."

The program for the afternoon included "My Experience in Horticulture and Tree Growing on Coteau Farm," O. C. Gregg,



A. J. PHILLIPS, WEST SALEM, WIS. Secretary Wisconsin Horticultural Association.

Lynd; "Heat in the Orchard," Prof. Wm. Robertson, St. Anthony Park; "Legal Protection for the Owner of a Seedling Fruit," J. M. Underwood, Lake City; "The Fertility of Fruit Blossoms," Professor F. A. Waugh, Burlington, Vt.; "An Orchard Experience of One-third Century," A. Wilfert, Cleveland.

Ladies' Auxiliary.

The Ladies' auxiliary held a joint session this afternoon at which the following papers were read:

"The Farm Mother and Her Flowers," Mrs. Minnie A. Cummings, Eden Prairie; "The Possibilities of Country Home Grounds," Mrs. O. C. Gregg, Lynd; "An Amateur's Notes on Outdoor Improvement," Mrs. Florence Barton Loring, Minneapolis; "The Possibilities of Club Work in the Rural Districts," Mrs. Anna B. Underwood, Lake City; "Woman's Part in the Improvement of Farm Home Grounds," Mrs. Virginia Meredith, St. Anthony Park; "School Gardens and Others," F. M. Powell, Glenwood, Iowa; "An Undeveloped Field in Flower Culture Among the Children," Mrs. Mildred Meta Barnard, Minneapolis.

This evening the delegates will go to the state experimental station at St. Anthony Park, where the Bee Keepers Association will provide a program.

The program for to-morrow's sessions includes the annual reports of officers and committees for the morning.

Memorial Hour.

At 2 o'clock the memorial hour will begin. The roll of the dead for the year contains four names—John S. Harris, Judson N. Cross, William Mackintosh and Professor Otto Lugger. Addresses will be delivered by Judge H. G. Hicks, S. M. Owen and others.

At 3 o'clock will be held the annual election, after which the Minnesota State Forestry association will meet and listen to a program by Charles M. Loring, president State Forestry association, Minneapolis; Alfred Terry, Slayton; General C. C. Andrews, chief fire warden, St. Paul; Professor S. B. Green, St. Anthony Park; Mrs. W. T. Bramhall, H. H. Chapman, Grand Rapids.

To-morrow evening the annual society banquet will be held.

BEE-KEEPERS MEET

They Adopt a Song and Discuss Use of Adulterants.

"I am your honeysuckle, you are the bee," sang Miss Edith Dexter of Staples, Minn., before the thirteenth annual meeting of the Minnesota Bee-Keepers association, which opened this morning at Plymouth church; and when she had concluded, the air was adopted by unanimous consent as the song of the society. President William Russell of Minnehaha Park was in the chair, and the attendance numbered about fifty.

H. G. Acklin, St. Paul; and J. W. Murray, fered prayer and then the association settled down to business. The matter of honey adulteration was discussed at some length. A committee reported that several arrests and convictions had already been brought about by the society in connection with its efforts to put an end to the use of adulterants.

Under the heading "Question Box," members submitted pertinent questions



J. L. HERBST, SPARTA, WIS., Reading paper on Strawberry Raising.

regarding bee culture. A brief discussion relative to the advisability of joining the National Bee-Keepers' association followed. This question came up again at the afternoon session, and the society voted in favor of taking the step. During the afternoon papers were read by J. P. West, Hastings; President Russell, Mrs. H. G. Acklin, St. Paul ;and J. W. Murray, Excelsior.

This evening the delegates will attend an entertainment to be given for them at the state experiment station, St. Anthony Park.

To-morrow at 9:30 a. m. after a piano solo by Miss Edith Dexter of Staples, the following will read papers; W. J. Stahlmann, Bruce, Wis.; G. R. Frye, River Falls, Wis.; William Cairncross, Plato, Minn. To-morrow afternoon the following will read papers: A. D. Shepard, River Falls, Wis.; Walter R. Ansell, Milaca, Minn.; J. B. Dexter, Staples, Minn.; John Collins, Wyoming, Minn. The election of officers and question box will follow the papers.

MR. LORING'S ADDRESS

He Discusses Improvement of Public and Private Grounds.

The evening sesison last night was devoted to an address by C. M. Loring on "The Improvement of Public and Private Grounds." The lecture was profusely illustrated with stereopticon slides, and at its conclusion members of the society crowded around Mr. Loring to thank him for the instruction and entertainment he had provided.

A point emphasized by the speaker was the small cost of beautifying private grounds, the requisites being good taste, a fair knowledge of nature and industry. As an illustration of what could be accomplished at small cost, Mr. Loring showed a view of a home in Bluff City, Kan., "before and after taking." The first view was that of an unattractive house on the bare prairies; the second, taken nine years later, a picture of the same house, but in a most picturesque environment, trees, vines, flowers and lawns beautifying the view.

As a general proposition, the speaker stated that New Englanders paid more attention to beautifying their grounds than was given to the same matter in the west; and he showed a number of views to prove his contention. He severely criticized Minnesota roads and said the principle of their construction was all wrong. In conclusion he spoke of fence signs, and advocated the passage of a law prohibiting them, if possible.

APOLIS, MINN.
TIMES.
DEC 5 1901

TELL HOW HOMES CAN BE ADORNED

Speakers at the State Horticultural Meeting Discuss Ornamentation of Public and Private Grounds.

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NEAPOLIS, MINN.
TIMES. DEC - 6 1901

LIVE STOCK HOGS

T CLOSED DULL

L MONEY MARKETS
MINNEAPOLIS.

New York exchange: Selling rate,

President, W. W. Pendergast, Hutchinson.

Vice presidents, Jonathan Freeman, Austin; C. E. Older, Luverne; Mrs. A. A. Kennedy, Hutchinson; W. J. Tingley, Stillwater; A. D. Leach, Excelsior; Frank Masenburg, St. Cloud; J. L. Adams, Glenwood.

Treasurer, A. B. Lyman, Excelsior.

Executive committee, Wyman Elliott, Minneapolis; A. K. Bush, Dover; J. P. Andrews, L. R. Moyer, Montevideo; Professor S. B. Green, St. Anthony Park; Clarence Wedge, Albert Lea.

The State Horticultural association elected officers this afternoon. No changes were made except to elect A. K. Bush of Dover to fill the unexpired term of J. S. Harris as member of the executive committee. Above is a list of the officers chosen.

As had been expected, the committee in charge of the apple exhibit at the annual meeting of the State Horticultural association now in session at Plymouth church, has been unable to find seedling which has the qualifications needed to win the association's prize of $1,000.

The apple which wins this prize must be as prolific as the "Duchess," as hardy as the "Malinda" and as excellent in quality as the "Wealthy."

The seedlings exhibited were better than those of last year, but none of them quite came up to the requirements.

The morning session was devoted to the consideration of routine business and to listening to the reports of officers and committees.

Treasurer A. B. Lyman reported receipts for the year aggregating $2,710.70 and expenditures amounting to $2,513.66. The balance on hand this year is $959.48, as compared with $762.44 last year.

A. W. Latham, the secretary, announced that the membership of the association was 1,000, the increase during the year being ninety-two. Two hundred and seventy-five books have been added to the library.

In his annual address, President W. W. Pendergast of Hutchinson referred to the extraordinary progress made by the society since its organization, about thirty-five years ago.

The morning session was brought to a close by the reading of a paper on "An Orchard Experience of One-third of a Century," by A. Wilferd of Cleveland. He gave a practical illustration of methods of grafting.

BEEKEEPERS NAME OFFICERS

William Russell of Minnehaha Park Is Chosen President.

President, William Russell, Minnehaha Park.

First vice president, George A. Fogerson, Rosemount.

Second vice president, G. H. Pond, Bloomington.

Third vice president, Dr. Mary McCoy, Duluth.

Secretary, Dr. L. D. Leonard, Minneapolis.

Treasurer, L. E. Day, Clinton Falls.

Executive committee, H. G. Acklin, St. Paul; A. H. Gray, Redwood Falls; Dr. E. K. Jaques, Robbinsdale.

At the business meeting of the Beekeepers' association yesterday the above officers were elected for the year.

The morning session was devoted to the reading and discussion of three papers, "Large Hives and Prolific Queens," by W. J. Stahmann, Bruce, Wis.; "Queen Rearing," by C. R. Frye, River Falls, Wis., and "Some of My Experiences in Keeping Bees Fifty Years," by William Cairneross of Plato, Minn. Music was furnished by Miss Edith Dexter, Staples, Minn.

The meeting was concluded by answering the queries in the question box.

In the afternoon A. D. Shepard, River Falls, Wis., read a paper on "Disposing of the Honey Crop to the Best Advantage." Walter R. Ansell, Milaca, Minn., discussed "Shade and Ventilation" and John Collins of Wyoming, Minn., spoke of "Bucking Against Nature and Bees."

Little Ethel Acklin of St. Paul, spoke on "Hum of the Bees in the Apple Bloom," and Walter Leonard rendered a piano selection.

The association decided that hereafter it will offer no money for premiums. Consequently the exhibition of honey will be discontinued.

HONOR MEMORY OF THE DEAD

Association Occupies the Afternoon With Memorial Services.

The annual memorial services occupied the early part of the afternoon session. During the year four members of the association, John S. Harris, Judson N. Cross, William Mackintosh and Professor Otto Lugger, have passed away.

Professor S. B. Green of St. Anthony Park, in an eulogistic address, paid tribute to each of the departed and spoke of the great services they had rendered, not only to the association, but to the world in general and the people with whom they had come in daily contact.

S. M. Owen paid his respects to John S. Harris, with whom he had enjoyed a long personal friendship. Mr. Harris, he said, was a great man in the truest meaning of the expression.

Judge H. C. Hicks spoke of the life of his old friend and schoolmate Judson N. Cross. They had been boys together at Oberlin and had been companions for more than forty years. He paid a high tribute to Mr. Cross, who, he said, was public spirited, kind hearted, of unquestioned integrity and unusual ability.

WANTS SCHOOL IN FORESTRY.

Professor Green Thinks One Should Be Established at University.

At the joint session with the State Forestry association a resolution was adopted urging the members to write personal letters to their representatives in congress asking them to secure the enactment of a law for a state forestry preserve.

Mrs. W. T. Bramhall of St. Paul made a brief address in which she spoke of the present status of the park question and Charles M. Loring and Professor S. B. Green read papers relevant to the matter.

Professor Green advocated the establishment at the state university of a school in forestry. He said he had had a conversation with President Northrop in regard to the matter and that the latter considered it in a favorable light.

DELEGATES ENJOY BANQUET

Members of Association and Ladies' Auxiliary Are Guests.

The members of the State Horticultural association, their wives and the members of the ladies' auxiliary enjoyed a banquet at the Unitarian church last night. About 100 persons were present. The following program of toasts was given, President W. W. Pendergast acting as toastmaster:

"Brothers in Affliction—the Legal Luminary and the Tree Peddler," A. B. Choate, Minneapolis; "Truth Crushed to Earth Shall Rise Again," Clarence Wedge, Albert Lea; "In Search of Truth—Was the Garden of Eden Really Located in Minnesota?" Professor William Robertson, St. Anthony Park; "'Tis Better to Be Sinned Against Than Sinful—The Commission Merchant a Propriation for the Sins of Many," Nathan Longfellow, Minneapolis; "The Liveliest Thing on Record—A Minnesota Spring, From the Nurseryman's Standpoint," J. R. Andrews, Faribault; "The Minnesota State Horticultural Society—We Toast Ourselves With Becoming Modesty," Frank Yahnke, Winona; "The Gopher and Badger Lie Down Together—On Occasion," A. J. Phillips, West Salem, Wis.; "The Men's Auxiliary—What We Are Coming To," C. F. Braton, Minneapolis; "Things Horticultural and Otherwise in Countries Not Our Own," Rev. T. E. Archer, Minneapolis; "In Memoriam—A Finger Board Pointing the Way of Duties Unperformed," Oliver Gibbs Prescott, Wis.

Place Excelsior Minn
Paper Rec
Date DEC - 6 1901

With the Horticulturists.

A large number of our leading horticulturists have been attending the mid winter meeting of the State Horticultural society in Minneapolis this week. Excelsior furnishes a larger attendance to these meetings than any other town in the state. Among those who have been present were Messrs. A. B. Lyman, A. A. Bost, C. W. Sampson, R. A. Wright, G. Stellar, P. H. Perry, C. W. Spickerman, A. D. Leach, H. L. Crane, A. G. Long, J. M. McConnell, John W. Murray, Mrs. C. W. Sampson and Mrs. A. G. Long.

Place Austin MINN
Paper Register
Date DEC - 6 1901

The state Horticultural Society is in session in Minneapolis and Jonathan Freeman, who is one of the best known horticulturists in Southern Minnesota, spoke on the following subject, "Landscape Adornment as a Universal Obligation." He paid much attention to the utilitarian value of such improvements.

Place Winona MINN
Paper Herald
Date DEC - 6 1901

PLANTING OF TREES

Excellent Address to State Horticultural Society.

VALUABLE SUGGESTIONS

Public and Private Grounds May be Much Beautified at a Small Expense and with Little Labor—How Trees Should be Planted.

At the meeting of the State Horticultural society in Minneapolis this week C. M. Loring of Minneapolis gave a most interesting address on "The improvement of Public and Private Grounds." Some excellent suggestions were made, that can be put into practical use locally and a summary of the address is here given.

The lecture was illustrated with a varied assortment of stereoptican views. Mr. Loring prefaced the exhibition of the views with a tribute to the sterling virtues of New England character, which he maintained were largely due to the environment of the New Englander.

The scenes of childhood were bound to leave their impress upon the mind of the grown man and woman. A child born and raised in the slums of a city could scarcely escape a life of evil.

Mr. Loring also impressed upon his hearers that the art of beautifying private and public grounds did not necessitate the expenditure of much money. It simply involved the exercise of a knowledge of nature, good taste and sufficintindustry.

A graphic illustration of what could be accomplished in this direction was afforded by a view of a home in Sluff City, a Kansas settlement, in the heart of the state.

This place, Mr. Loring said, was settled in 1890 by a man named James Glover. A picture of the plainest kind of a house, standing on a rolling prairie, destitute of the vestige of a tree or shrub, was flashed on the screen. Then followed a picture of Mr. Glover's home nine years later and pictures of other settlers' homes.

The transformation was miraculous. Trees and vines and flowers and pretty lawns beautified the homes. Today there are only sixty-five or seventy voters in the settlement and the houses are far apart.

NEW ENGLAND STREETS.

Then Mr. Loring exhibited pictures of streets in New England towns and also in Rochester, N. Y., shaded on both sides by lofty elms. These views were contrasted with the bleak and desolate scenes representing peasant settlements in Scotland, Ireland, Holland and Norway, which afforded little inspiration for the sentiment, "How dear to my heart are the scenes of my childhood."

Yet these New Englanders were no more able to plant trees than the people of other localities and countries.

Mr. Loring called attention to what he termed the "overplanting" of trees in New England towns. They should be planted, he said, from 40 to 50 feet apart instead of 10 to 12 feet in order to let in plenty of sunlight and air. It would be better not to have any trees than to have too many.

Returning to Minnesota, Mr. Loring said her roadways were a disgrace to civilization, and that the system of constructing them was all wrong.

Pictures of streets and scenes in Hutchison and Northfield, Minn., were shown to illustrate how public property can be improved. Mr. Loring thought that a roadway thirty feet in width was wide enough, if it contained no street car tracks.

Pictures of streets in Paris and Berlin were shown to illustrate how trees could be planted, even on narrow thoroughfares.

Mr. Loring deplored the obscuring of natural scenery by fence advertising which, he declared, should be prohibited if possible.

In conclusion Mr. Loring spoke of the grandeur, beauty and variety of the scenery afforded by the American continent.

He had never, through his European travels, beheld such superb scenery as that he witnessed along 600 miles of the Canadian Pacific railway and in the canyons of the Rocky Mountains.

Place ST. PAUL Minn
Paper PRESS
Date DEC - 6 1901

STICK TO OLD OFFICERS

C. M. LORING ON STATE FORESTS.

Severely Criticises Conduct of State and Federal Governments Relative to Forestry.

The state horticulturists spiced their third day's proceedings with much variety yesterday. President W. W. Prendergast's interest and enthusiasm was rewarded, for he was re-elected. The same compliment was bestowed upon the other officers. The annual reports of officers embraced nothing much of general interest. The following vice presidents reported:

Jonathan Freeman, First congressional district, Austin.

C. E. Older, Second congressional district, Luverne.

Mrs. A. A. Kennedy, Third congressional district, Hutchinson.

W. J. Tingley, Fourth congressional district, Stillwater.

A. D. Leach, Fifth congressional district, Excelsior.

Frank Mesenburg, Sixth congressional district, St. Cloud.

J. L. Adams, Seventh congressional district, Glenwood.

The doings at trial stations were reported by these superintendents; Prof. S. B. Green (central station), St. Anthony Park; E. H. S. Dartt, Owatonna; Dewain Cook, Windom; Charles W. Sampson (grapes), Eureka; O. M. Lord (plums and small fruits), Minnesota City; H. M. Lyman (apples), Excelsior; F. I. Harris, La Crescent; L. R. Moyer, Montevideo; Mrs. Jennie Stager, Sauk Rapids; William Somerville, Viola; J. S. Parks, Pleasant Mounds.

The early afternoon was designated as "The Memorial Hour." When eulogy was performed in honor of deceased members—John S. Harris, Judson N. Cross, William Mackintosh and Prof. Otto Lugger.

The remainder of the afternoon was taken up with the annual meeting of the State Forestry association. The principal topic of the meeting was that of C. M. Loring, who argued in strong manner for the preservation of the forests of the state. "Is it not better for us to preserve and economically use what little timber we have left than to wait until it is all gone, and then endeavor to grow more?" asked Mr. Loring. Our national and state governments have permitted the destruction to go on, notwithstanding the knowledge of the experience of older countries. Some writers dispute the assertion that the total annual quantity of rain is increased or diminished by the destruction of the woods, but a very large majority strongly affirm that the rainfall is greater in wooded than in open countries. Wise forest protection does not mean the withdrawal of forest resources, but gives the assurance of larger and more certain supplies. The preservation of our forests is an imperative business necessity."

Mr. Loring's attitude on the forestry question was endorsed by practically all present, judging from the applause. W. T. Brainhall of St. Paul discussed "The Present Status of the Park Question." A good sized delegation from the state agricultural school attended the meeting.

Place ST. PAUL
Paper DISPATCH DEC - 6 1901
Date

APPLES NOT UP TO MARK

TO RECEIVE A VALUABLE PRIZE.

That of One Thousand Dollars Offered by State Horticultural Association.

The State Horticultural Association of Minnesota, in session yesterday in the Plymouth church, Minneapolis, re-elected President W. W. Pendergast and its other old officers.

No apple presented was found worthy of receiving the $1,000 prize offered by the association.

A banquet, attended by members of the association and their wives, was given at the Unitarian church last night. W. W. Pendergast was toastmaster. Several addresses were made.

ce MINNEAPOLIS Minn.
er Tribune ST. PAUL
DEC - 6 1901

OLD OFFICERS RE-ELECTED

No Change in Executive Calendar of Minnesota Horticultural State Society.

MEETING CLOSES WITH TODAY'S SESSIONS.

Annual Banquet Last Evening at Unitarian Church Proves Delightful Event.

WITTY TOASTS ARE GIVEN

State Forestry Association Listens to Instructive Papers—Pres. Loring Re-elected.

THE OFFICERS

President—
W. W. Pendergast, Hutchinson.
Chairman Executive Board and Legislative Committee—
Wyman Elliot, Minneapolis.
Secretary—
A. W. Latham, Minneapolis.
Treasurer—
A. B. Lyman, Excelsior.

The Minnesota Horticultural society will close its sessions this afternoon having held one of the most successful of state meetings.

The annual report of the president, executive board, secretary, treasurer, and



PRES. PENDERGAST, OF HUTCHINSON.

legislative committees were read at the meeting yesterday morning and the lecture room of the Plymouth Congregational church was well filled with enthusiastic members.

President Pendergast announced that the society is now the largest of its kind in the United States. He suggested that all members of the state agricultural school and college join the society for the purpose of getting practical experience.

Treasurer's Report.

The treasurer, A. B. Lyman, Excelsior, reported balance cash on hand, Dec. 4, 1900, $762.44; total receipts for the year, $2,710.70; disbursements, $2,913.66; balance December, 1901, $959.48.

The membership was increased during



Prof. Wm. Robertson—Now of course, you can't heat an orchard with a stove.

the year by 92, which together with the 100 names on the life roll, brings the strength of the association to a total of 1,000 members. There were 275 books added to the association library during the year.

Premiums were awarded yesterday to 12 exhibitors for various kinds and classes of fruit. The committee appointed to award the premiums reported that the fruit was this year of a higher standard than it has ever been before.

An interesting feature was the report of the superintendents of trial stations.

Memorial exercises in honor of the deceased members occupied the early part of the afternoon session.

Later the entire list of old officers were re-elected, there being no change in the executive calendar.

In the evening at the Unitarian church the annual banquet was given with President Pendergast as toastmaster. The event proved one of unusual pleasure to the members who for the time discarded all work and enjoyed only the social side of the organization. Among those who gave witty and entertaining toasts were: Clarence Wedge, Albert Lea; Wm. Robertson, St. Anthony Park; Frank Yahnke, Winona; A. J. Phillips, West Salem, Wis.; Oliver Gibbs, Prescott, Wis.; G. F. Braton, Rev. T. E. Archer and A. B. Choat, of this city.

Miss Josephine Bonaparte Rice gave several pleasing recitations, and Roy Underwood and J. M. Underwood sang.

Continued on page 22

STATE FORESTRY ASSOCIATION.

The Minnesota State Forestry association held its session yesterday afternoon.

One of the most important problems that confronts Minnesota at the present time, that of the preservation of its forests, was the principal topic of discussion.

If the plans materialize that were proposed and framed by the forestry association, it is probable that before long a check will be put to the extensive lumber operations which have for a number of years devastated the northern part of the state of its pine.

After an able address by President Charles M. Loring, of this city, on forestry in Minnesota, the association adopt-

MINNEAPOLIS, MINN.
JOURNAL.
DATE DEC 6-1901

BIG APPLES ON TOP

A Wisconsin Horticulturist Speak Openly About Trade Tricks.

THE CONVENTION CLOSES TO-DAY

The Final Sessions Are Devoted to Commercial Orchards and Pomology.

The largest attendance of the meeting was present at the morning session of the Minnesota State Horticultural society today; and the different papers read were received with the closest attention. This afternoon the society completed its business and, after a few brief remarks by President Pendergast, adjourned until next year. In his closing the president said that he had been greatly gratified at the interest taken in the meeting, and that he considered it the best ever held by the society.

An incident of the morning session which created a laugh, came during the discussion on the paper by W. S. Widdoyer of Dresbach, on "Gathering the Increased Crop From the Commercial Orchard." The paper was read by Secretary Latham, and after he had finished a visitor from Wisconsin took the floor to explain how the work was accomplished in his state. He described the method of picking apples, and then told how the packers selected the choicest fruits, which

wer then packed carefully both on the top and bottom of barrels destined for the market. When he had concluded, President Pendergast remaked:

"I want to say that in putting on the facings it is the custom in Minnesota to put the smaller apples at the ends so that the purchaser may be agreeably surprised when he gets into the barrel." This set the meeting into a roar of laughter.

Roy Underwood of Lake City read a paper on "Cultivation of the Commercial Orchard Before and After Bearing," in which he advocated the use of manure around the trees. Professor S. B. Green said that when manure was not to be had nurserymen would find it profitable to plant a cover crop either of clover, grass or buckwheat, in order to retain the moisture in the earth. He agreed with Mr. Underwood, however, that manure was preferable where it was to be had.

R. H. L. Jewett of St. Paul told the delegates how he would lay out a commercial orchard, illustrating his remarks with a diagram;* and J. C. Hawkins of Austin spoke of the "Preparation of Soil for a Commercial Orchard."

Carl Vellenweider read a paper dealing with the market end of the business, in which he gave a number of valuable hints on how to sell the crop and get full value in exchange. Frank Yahnke of Winona spoke of the culture of cherries in Minnesota. Thomas Tunis Smith of St. Paul, who was on the program for a paper on "Getting the Trees and Planting the Commercial Orchard," and E. W. Kimball of Austin, whose subject was "Top Working Young Trees," were not present, and their papers were omitted.

Shortly after noon the committee on award of premiums presented its report, and the committee on the president's address reported advising that it be printed in the records of the society.

The general subject at the afternoon session was the "Improvement of Fruits," which was divided into seven topics, as follows:

"Growing Seedlings to Improve the Apple and Plum," Wyman Elliot, Minneapolis.

"Practice of Budding and Its Relation to the Improvement of Fruits, Illustrated," R. S. Mackintosh, St. Anthony Park.

"Selection of Wood for Grafting," Clarence Wedge, Albert Lea.

"Adaptation of Stock and Grafts in Improving Fruits," A. J. Philips, West Salem, Wis.

"Bud Variations and 'Sports' in Improving Fruits," Professor S. B. Green, St. Anthony Park.

"Science and Practice of Cross-Pollination," Professor N. E. Hansen, Brookings, S. D.

"Influence of Cultivation on the Permanent Improvement of Fruits," Dewain Cook, Windom.

Unfinished business.

Report of committee on obituaries and final resolutions.

4 p. m.—Two-minute speeches by members. Music.

4:30 p. m.—Closing remarks by the president.

OFFICERS RE-ELECTED

Horticultural Society Holds Election —National Park Indorsed.

At the afternoon session yesterday the society re-elected its old officers, as follows:

President, W. W. Pendergast, Hutchinson. Vice presidents, Jonathan Freeman, Austin; C. E. Older, Luverne; Mrs. A. A. Kennedy, Hutchinson; W. J. Tingley, Stillwater; A. D. Leach, Excelsior; Frank Masenburg, St. Cloud; J. L. Adams, Glenwood; treasurer, A. B. Lyman, Excelsior. Executive committee, Wyman Elliott, Minneapolis; A. K. Bush, Dover; J. P. Andrews, L. R. Moyer, Montsvideo; Professor S. B. Green, St. Anthony Park; Clarence Wedge, Albert Lea.

The only new name on the list is that of A. K. Bush of Dover, who was elected to fill out the unexpired term of the late J. S. Harris on the executive committee.

Following the election of officers the State Forestry association held a joint session with the Horticultural society, several addresses being delivered on forestry topics. Professor S. B. Green of St. Anthony Park advocated the establishment of a school of forestry at the state university. He said he had mentioned the subject to President Cyrus Northrop and that the suggestion had been well received.

Mrs. William Ely Bramhall of St. Paul read a paper on the proposed national park in the northern part of the state, and others spoke on kindred topics. At the close a resolution was adopted pledging the members present to use their best efforts with their congressmen to secure the enactment of a law providing for a national forestry preserve.

Last night the delegates to the Horticultural society, together with the women's auxiliary, banqueted in the rooms of the Unitarian church. President W. W. Pendergast presided as toastmaster, and responses were made to the following toasts:

"Brothers in Affliction—The Legal Lumbery and the Tree Peddler," A. B. Choate, Minneapolis; "Truth Crushed to Earth Shall Rise Again," Clarence Wedge, Albert Lea; "In Search of Truth—Was the Garden of Eden Really Located in Minnesota?" Professor William Robertson, St. Anthony Park; "'Tis Better to Be Sinned Against Than Sinful—The Commission Merchant a Propriation for the Sins of Many," Nathan Longfellow, Minneapolis; "The Liveliest Thing on Record—A Minnesota Spring, from the Nurseryman's Standpoint," J. R. Andrews, Faribault; "The Minnesota State Horticultural Society—We Toast Ourselves With Becoming Modesty," Frank Yahnke, Winona; "The Gopher and Badger Lie Down Together—On Occasion," A. J. Phillips, West Salem, Wis.; "The Men's Auxiliary—What We Are Coming To," C. F. Braton, Minneapolis; "Things Horticultural and Otherwise in Countries Not Our Own," Rev. T. E. Archer, Minneapolis; "In Memoriam—A Finger Board Pointing the Way of Duties Unperformed," Oliver Gibbs Prescott, Wis.

The Minnesota State Forestry association, in separate session, late yesterday afternoon, re-elected C. M. Loring president of the organization and George W. Strand, secretary.

PRIZES CUT OUT

Beekeepers Do Away With Them—Officers Elected.

The Bee-keepers' association, at the afternoon session yesterday, decided to discontinue the offer of prizes for honey exhibits. The association adjourned after the election of officers, as follows:

President, William Russell, Minnehaha Park; first vice president, George A. Fogerson, Rosemount; second vice president, G. H. Pond, Bloomington; third vice president, Dr. Mary McCoy, Duluth; secretary, Dr. L. D. Leonard, Minneapolis; treasurer, L. E. Day, Clinton Falls. Executive committee, H. G. Acklin, St. Paul; A. H. Gray, Redwood Falls; Dr. E. K. Jaques, Robbinsdale.

Place ST. PAUL Minn
Paper GLOBE
Date DEC - 6 1901

Has a High Standing.

The Minnesota State Horticultural society, according to its latest reports, has a total membership of over 1,000, which places it in the front rank of societies of a similar nature in the United States. In point of actual work accomplished the Minnesota society easily ranks first in the entire country.

Place Austin Minn.
Paper Herald
DEC - 7 1901
Date

PLANTING OF TREES

Excellent Address to State Horticultural Society.

At the meeting of the State Horticultural society in Minneapolis this week C. M. Loring of Minneapolis gave a most interesting address on "The Improvement of Public and Private Grounds." Some excellent suggestions were made, that can be put into practical use.

The lecture was illustrated with varied stereoptican views.

Mr. Loring impressed upon his hearers that the art of beautifying private and public grounds did not necessitate the expenditure of much money. It simply involved the exercise of a knowledge of nature and good taste.

A graphic illustration of what could be accomplished in this direction was afforded by a view of a home in Bluff City, a Kansas settlement.

This place was settled in 1890 by a man named James Glover. A picture of the plainest kind of a house, standing on a rolling prairie, destitute of the vestige of a tree or shrub, was flashed on the screen. Then followed a picture of Mr. Glover's home nine years later and pictures of other settlers' homes.

The transformation was miraculous. Trees and vines and flowers and pretty lawns beautified the home.

Then Mr. Loring exhibited pictures of streets in New England towns and shaded on both sides by lofty elms. These views were contrasted with the bleak and desolute scenes representing peasant settlements in Scotland, Ireland, Holland and Norway.

Yet these New Englanders were no more able to plant trees than the people of other localities.

Mr. Loring called attention to what he termed the "overplanting" of trees. They should be planted, he said, from 40 to 50 feet apart instead of 10 to 12 feet in order to let in plenty of sunlight and air.

Returning to Minnesota, Mr. Loring said her roadways were a disgrace to civilization, and that the system of constructing them was all wrong.

Pictures of streets and scenes in Hutchinson and Northfield, Minn., were shown to illustrate how public property can be improved. Mr. Loring thought that a roadway thirty feet in width was wide enough, if it contained no street car tracks.

Mr. Loring deplored the disfiguring of natural scenery by fence advertising which, he declared, should be prohibited if possible.

Place Winona MIN
Paper Herald
Date DEC - 7 1901

HORTICULTURISTS MEET

Discussion of W. S. Widmoyer's Paper Causes Merriment.

The largest attendance of the meeting was present at the morning session of the Minnesota State Horticultural society in Minneapolis on Friday; and the different papers read were received with the closest attention. In the afternoon the society completed its business and, after a few brief remarks by President Pendergast, adjourned until next year. In his closing the president said that he had been greatly gratified at the interest taken in the meeting, and that he considered it the best ever held by the society.

An incident of the morning session which created a laugh, came during the discussion on the paper by W. S. Widmoyer of Dresbach, on "Gathering the Increased Crop From the Commercial orchard." The paper was read by Secretary Latham, and after he had finished a visitor from Wisconsin took the floor to explain how the work was accomplished in his state. He described the method of picking apples, and then told how the packers selected the choicest fruits, which were then packed carefully both on the top and bottom of barrels destined for the market. When he had concluded, President Pendergast remarked:

"I want to say that in putting on the facings it is the custom in Minnesota to put the smaller apples at the ends so that the puchaser may be agreeably surprised when he gets into the barrel." This set the meting into a roar of laughter.

Place MINNEAPOLIS
Paper Progress
Date DEC 7 1901

MINNESOTA horticulturists, in session this week, show the growing importance of fruit culture in the Northwest. A hundred varieties of apples are exhibited.

Place MINNEAPOLIS MINN.
Paper TRIBUNE
Date DEC - 7 1901

LARGEST YET HELD

STATE HORTICULTURAL SOCIETY CLOSES ITS MEETING.

Song and Story Featurize the Closing Session.—President Pendergast Gives an Address.

Amid song and story the thirty-fifth annual meeting of the Minnesota State Horticultural society came to a close yesterday afternoon. In all respects the session was the most successful that the organization has ever held, and the members and officers were greatly pleased by the unusually large attendance.

The early part of the afternoon was devoted to the reading of papers on scientific and practical fruit culture. Wyman Elliot delivered an interesting address on growing seedings to improve the apple and the plum, which was followed by informal talks on various subjects relative to the raising and culture of fruit by R. S. Mackintosh, Clarence Wedge, A. J. Phillips and Prof. S. B. Green.

Prof. N. E. Hansen, Brookings, S. D., led an interesting discussion on the science and practice of cross-pollination. This was followed by a paper by Dewain Cook, Windom, on the influence of cultivation on the permanent improvement of fruit.

Upon the conclusion of the literary section of the program a short business session was held at which resolutions thanking the officers of the society, those who participated in the program, and the press were adopted.

For over an hour two-minute speeches and stories were heard from the members, and this part of the entertainment proved to be one of the most enjoyable features of the entire program. Several musical selections were rendered. A short address was delivered by President W. W. Pendergast.

FEW SMALL BLAZES

FIRE DEPARTMENT ON THE GO FOR SEVERAL HOURS.

Cowan Dwelling, 3343 Irving Avenue South, Damaged to Extent of $500.

For several hours yesterday the fire department was on the go.

The most serious blaze was in the Cowan dwelling, 3343 Irving avenue south. A shed in the rear caught fire and the blaze communicated to the house. The roof and attic were badly burned, and the damage amounted to $500.

A large refrigerator car, filled with potatoes, caught fire while standing in the Minneapolis & St. Louis yards between Sixth and Seventh streets last night. A fire used to heat the tubers was the cause. The blaze damaged the roof and one end of the car and the potatoes were somewhat damaged. The loss to the car amounted to $100, while the damage to the potatoes will be considerable. The vegetables were consigned to a local commission firm.

A false alarm called the department to the new Chamber of Commerce building where salamanders were being used to dry the plaster. A pedestrian thought the building was on fire.

A small blaze in the basement of a residence in Seventh avenue south near Eighth street was the cause of another call.

EAPOLIS, MINN.
TIMES.
DEC 7 1901

RFUL OF STRI

L MONEY MARKETS
MINNEAPOLIS.

New York exchange: Selling rate, 20c discount; buying rate, 70c discount. Chicago exchange: Selling rate, par; buying rate, 50c discount. London sixty-day sight documentary exchange, $4.84.

The Minnesota State Horticultural society concluded yesterday afternoon what is considered by the members one of the most profitable as well as enjoyable annual meetings ever held.

The meetings yesterday were marked by the largest attendance of the session and the different papers read were received with the closest attention.

In his closing address President Pendergast expressed his gratification at the progress which had been shown and the interest exhibited.

The general subject of the morning session was "The Commercial Orchard," the topic being discussed under nine heads. J. A. Howard of Hammond spoke of the varieties of fruits most practical for the commercial orchard. Apples, plums, crabs and raspberries, he said, could be grown to the best advantage.

J. C. Hawkins of Austin illustrated the best methods of preparing the soil with a diagram, and R. H. L. Jewett of St. Paul spoke of the most approved manner of laying out the orchard.

In speaking of the cultivation of the commercial orchard before and after bearing, Roy Underwood of Lake City advised the use of manure, clover, grass or buckwheat as the best way of retaining the heat and moisture in the earth.

W. S. Widmoyer of Dresbach explained the various methods of preparing apples for the market and Carl Vollenweider of La Crescent told how to sell the fruit to best advantage after it had been packed.

Frank Yahnke concluded the program with a paper in which he dealt with the varieties and culture of cherries.

LIST OF PRIZES GIVEN OUT

Committee Recommends Varieties of Fruit for Planting.

The committee in charge of the apple exhibition, as a result of its investigations during the week, recommends the following classes of apples for planting in Minnesota:

First degree of hardiness: Duchess, Hibernal, Charlamoff, Polleus, Greening.

Second degree of hariness: Wealthy, Longfield, Tetofsky, Malinda.

Varieties for trial: Okabena, Peerless, Repka, Molenka, Ainisini, Yellow Sweet, Kaump, Brett, Blushed Colville, Northwestern Greening, McMahon, Wolf River, Yellow Transparent.

Crabs and hybrids for general cultivation: Virginia, Martha, Whitney, Early Strawberry, Minnesota, Sweet Russet, Gideon No. 6, Briar Sweet.

Varieties for trial: Dartt, Pride of Minneapolis, Crampton's No. 3, Lyman Prolific, Faribault.

Plums for general cultivation: De Soto, Forest Garden, Weaver, Cheney, Wolf, Rollingstone, Wyant, Surprise.

For trial: Ocheeda, New Ulm, Stoddard, Mankato, Aikin, Brittlewood.

Grapes in order of their ripening: Moore's Early, Worden, Janesville, Brighton, Delaware, Agawan, Concord.

Raspberries, red varieties: Turner, Marlborough, Cuthbert, Brandywine, Loudon, King.

Black and Purple varieties: Ohio, Palmer, Nemaha, Gregg, Schaffer, Older, Soohegan, Columbian, Kansas.

Blackberries: Ancient Briton, Snyder, Badger.

Currants: Red Dutch, White Grape, Victoria Stewart, Long Branch, Holland, North Star.

Gooseberries: Pistellate, Crescent, Champion.

Strawberries: Pistellate, Crescent, Warfield, Horeland, Staminate, Bederwood, Enhance, Lovett, Splendid, Mary, Clyde.

Native fruits for trial: Dwarf Juneberry, Sand Cherry, Buffalo Berry.

The committee this year gave away $140 in prizes. The prize winners are as follows:

W. L. Parker, Jewell Nursery company, Gust Johnson, H. M. Lyman, Dewain Cook, Thomas Redpath, P. H. Perry, J. A. Howard, R. H. L. Jewett, H. H. Pond, E. Nagel & Co., H. H. S. Rowell, William Oxford, J. R. Cummins, Frank Yehnke, O. C. Meeker, S. A. Ailing, Ditus Day, A. A. Day, Adolph Anderson, H. H. Henis, C. W. Sampson, A. Wilfert, D. F. Aikin, O. M. Lord, Hans A. Clausen, W. G. Cowan, Peter Kelty, Joseph Holin, Christian Fink Walter Lindquist and W. E. Fryer.

HOW TO IMPROVE FRUITS

Afternoon Session Devoted to Discussion of Subject.

The afternoon session was devoted to the general subject, "Improvement of Fruits."

Under this topic the various theories of grafting and cross-budding were discussed, but no attempt was made to lay down general principles warranted to prove successful under all circumstances.

The subject is one which has been little developed by science and the best Minnesota apples, it is said, have been originated rather by accident than design.

Wyman Elliot of Minneapolis spoke on "Growing Seedlings to Improve the Apple and Plum." He advocated crossing flowers and grafting, but said that these methods, although the best known to science, were only efficacious when the pomologist was possessed of accurate information as to the pedigree of the trees he was attempting to cross.

"Practice of Budding and Its Relation to the Improvement of Fruits" was the subject of a paper by R. S. Mackintosh of St. Anthony Park. The paper was illustrated with specimens of grafts and was followed by discussion.

Clarence Wedge of Albert Lea spoke of the "Selection of Wood for Grafting" and A. J. Phillips, West Salem, Wis., spoke of "Adaptation of Stock and Grafts in Improving Fruits."

"Bad Variations and 'Sports' in Improving Fruits" was the topic of a short talk by Professor S. B. Green of St. Anthony Park. His remarks were followed by a discussion. Professor N. E. Hansen of Brookings, S. D., spoke of the "Science and Practice of Cross-Pollination," explaining his statements with blackboard illustrations.

Dewain Cook of Windom, who read a paper on the "Influence of Cultivation on the Permanent Improvement of Fruit," urged thoroughness in cultivation and the application of the scientific principles of horticulture to everyday work.

Place MINNEAPOLIS Minn
Paper TRIBUNE
Date DEC - 8 1901

The Minnesota State Horticultural Association, in its recent session, reached the conclusion that the successful commercial orchard in this tate should embrace, as its chief features, apples, plums, crabs, and raspberries. This, however, doesn't indicate that many other varieties of fruit cannot be profitably grown in this climate. Those mentioned require less care, on the average.

Place Winona Minn
NEWS
Paper
Date Dec 10 1901

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Paper Gazette
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Paper Herald
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Place MINNEAPOLIS Minn
Paper Progress
Date DEC 7 1901

MINNESOTA horticulturists, in session this week, show the growing importance of fruit culture in the Northwest. A hundred varieties of apples are exhibited.

Place MINNEAPOLIS Minn
Paper TRIBUNE
Date DEC - 7 1901

LARGEST YET HELD

STATE HORTICULTURAL SOCIETY CLOSES ITS MEETING.

Song and Story Featurize the Closing Session.—President Pendergast Gives an Address.

Amid song and story the thirty-fifth annual meeting of the Minnesota State Horticultural society came to a close yesterday afternoon. In all respects the session was the most successful that the organization has ever held, and the members and officers were greatly pleased by the unusually large attendance.

The early part of the afternoon was devoted to the reading of papers on scientific and practical fruit culture. Wyman Elliot delivered an interesting address on growing seedings to improve the apple and the plum, which was followed by informal talks on various subjects relative to the raising and culture of fruit by R. S. Mackintosh, Clarence Wedge, A. J. Philips and Prof. S. B. Green.

Prof. N. E. Hansen, Brookings, S. D., led an intecesting discussion on the science and practice of cross-pollination. This was followed by a paper by Dewain Cook, Windom, on the influence of cultivation on the permanent improvement of fruit.

Upon the conclusion of the literary section of the program a short business session was held at which resolutions thanking the officers of the society, those who participated in the program, and the press were adopted.

For over an hour two-minute speeches and stories were heard from the members, and this part of the entertainment proved to be one of the most enjoyable features of the entire program. Several musical selections were rendered. A short address was delivered by President W. W. Pendergast.

FEW SMALL BLAZES

FIRE DEPARTMENT ON THE GO FOR SEVERAL HOURS.

Cowan Dwelling, 3343 Irving Avenue South, Damaged to Extent of $500.

For several hours yesterday the fire department was on the go.

The most serious blaze was in the Cowan dwelling, 3343 Irving avenue south. A shed in the rear caught fire and the blaze communicated to the house. The roof and attic were badly burned, and the damage amounted to $500.

A large refrigerator car, filled with potatoes, caught fire while standing in the Minneapolis & St. Louis yards between Sixth and Seventh streets last night. A fire used to heat the tubers was the cause. The blaze damaged the roof and one end of the car and the potatoes were somewhat damaged. The loss to the car amounted to $100, while the damage to the potatoes will be considerable. The vegetables were consigned to a local commission firm.

A false alarm called the department to the new Chamber of Commerce building where salamanders were being used to dry the plaster. A pedestrian thought the building was on fire.

A small blaze in the basement of a residence in Seventh avenue south near Eighth street was the cause of another call.

EAPOLIS, MINN.
TIMES,
DEC - 7 1901

MAKING MONEY IN ORCHARDS

Members of Horticultural Society Conclude Work of the Convention---Meeting Was a Success.

The Minnesota State Horticultural society concluded yesterday afternoon what is considered by the members one of the most profitable as well as enjoyable annual meetings ever held.

The meetings yesterday were marked by the largest attendance of the session and the different papers read were received with the closest attention.

In his closing address President Pendergast expressed his gratification at the progress which had been shown and the interest exhibited.

The general subject of the morning session was "The Commercial Orchard," the topic being discussed under nine heads. J. A. Howard of Hammond spoke of the varieties of fruits most practical for the commercial orchard. Apples, plums, crabs and raspberries, he said, could be grown to the best advantage.

J. C. Hawkins of Austin illustrated the best methods of preparing the soil with a diagram, and R. H. L. Jewett of St. Paul spoke of the most approved manner of laying out the orchard.

In speaking of the cultivation of the commercial orchard before and after bearing, Roy Underwood of Lake City advised the use of manure, clover, grass or buckwheat as the best way of retaining the heat and moisture in the earth.

W. S. Widmoyer of Dresbach explained the various methods of preparing apples for the market and Carl Vollenweider of La Crescent told how to sell the fruit to best advantage after it had been packed.

Frank Yahnke concluded the program with a paper in which he dealt with the varieties and cuiture of cherries.

LIST OF PRIZES GIVEN OUT

Committee Recommends Varieties of Fruit for Planting.

The committee in charge of the apple exhibition, as a result of its investigations during the week, recommends the following classes of apples for planting in Minnesota:

First degree of hardiness: Duchess, Hibernal, Charlamoff, Polleus, Greening.

Second degree of hariness: Wealthy, Longfield, Tetofsky, Malinda.

Varieties for trial: Okabena, Peerless, Repka, Molenka, Ainisini, Yellow Sweet, Kaump, Brett, Blushed Colville, Northwestern Greening, McMahon, Wolf River, Yellow Transparent.

Crabs and hybrids for general cultivation: Virginia, Martha, Whitney, Early Strawberry, Minnesota, Sweet Russet, Gideon No. 6, Briar Sweet.

Varieties for trial: Dartt, Pride of Minneapolis, Crampton's No. 3, Lyman Prolific, Faribault.

Plums for general cultivation: De Soto, Forest Garden, Weaver, Cheney, Wolf, Rollingstone, Wyant, Surprise.

For trial: Ocheeda, New Ulm, Stoddard, Mankato, Aikin, Brittlewood.

Grapes in order of their ripening: Moore's Early, Worden, Janesville, [illegible]laware, Agawan, Concord, [illegible], red varieties: Turner, [illegible] Cuthbert, Brandywine, [illegible].

[illegible]urple varieties: Ohio, [illegible]tha, Gregg, Schaffer, [illegible], Columbian, Kansas. Ancient Briton, Sny-[illegible]

[illegible]ed Dutch, White Grape, [illegible]rt, Long Branch, Hol-[illegible]ar.

[illegible] Pistellate, Crescent,

[illegible] Pistellate, Crescent, [illegible]and, Stanimate, Beder-[illegible] Lovett, Splendid, Mary,

Native [illegible] for trial: Dwarf Juneberry, Sand Cherry, Buffalo Berry.

The committee this year gave away $140 in prizes. The prize winners are as follows:

W. L. Parker, Jewell Nursery company, Gust Johnson, H. M. Lyman, Dewain Cook, Thomas Redpath, P. H. Perry, J. A. Howard, R. H. L. Jewett, H. H. Pond, E. Nagel & Co., H. H. S. Rowell, William Oxford, J. R. Cummins, Frank Yehnke, O. C. Meeker, S. A. Ailing, Ditus Day, A. A. Day, Adolph Anderson, H. H. Henis, C. W. Sampson, A. Wilfert, D. F. Aikin, O. M. Lord, Hans A. Clausen, W. G. Cowan, Peter Kelty, Joseph Holin, Christian Fink Walter Lindquist and W. E. Fryer.

HOW TO IMPROVE FRUITS

Afternoon Session Devoted to Discussion of Subject.

The afternoon session was devoted to the general subject, "Improvement of Fruits."

Under this topic the various theories of grafting and cross-budding were discussed, but no attempt was made to lay down general principles warranted to prove successful under all circumstances.

The subject is one which has been little developed by science and the best Minnesota apples, it is said, have been originated rather by accident than design.

Wyman Elliot of Minneapolis spoke on "Growing Seedlings to Improve the Apple and Plum." He advocated crossing flowers and grafting, but said that these methods, although the best known to science, were only efficacious when the pomologist was possessed of accurate information as to the pedigree of the trees he was attempting to cross.

"Practice of Budding and Its Relation to the Improvement of Fruits" was the subject of a paper by R. S. Mackintosh of St. Anthony Park. The paper was illustrated with specimens of grafts and was followed by discussion.

Clarence Wedge of Albert Lea spoke of the "Selection of Wood for Grafting" and A. J. Phillips, West Salem, Wis., spoke of "Adaptation of Stock and Grafts in Improving Fruits."

"Bad Variations and 'Sports' in Improving Fruits" was the topic of a short talk by Professor S. B. Green of St. Anthony Park. His remarks were followed by a discussion. Professor N. E. Hansen of Brookings, S. D., spoke of the "Science and Practice of Cross-Pollination," explaining his statements with blackboard illustrations.

Dewain Cook of Windom, who read a paper on the "Influence of Cultivation on the Permanent Improvement of Fruit," urged thoroughness in cultivation and the application of the scientific principles of horticulture to everyday work.

Place MINNEAPOLIS Minn
Paper TRIBUNE
Date DEC - 7 1901

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1901

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Paper Advance
Date DEC 13 1901

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Place Montevideo Minn.
Paper LEADER
Date DEC 13 1901

L. R. Moyer reports that he had a delightful time at the meeting of the State Horticultural Society and that great enthusiasm exists among the members over the promising outlook in Minnesota, which made so noble a record at the Pan-American Exposition. He says that the favorite apple of the orchadists of a large portion of the east, and particularly in Canada, is the "Wealthy," a Minnesota product, and that the prospects are bright that our state will yet come to the very front as a great fruit producing state.

Place Faribault Minn
Paper Democrat
Date DEC 5 1901

Horticulture, Forestry and Bee Keeping.

The annual meeting of the State Horticultural Association, the State Forestry Association and Bee Keepers was held in Plymouth church, Minneapolis, last week Tuesday, and was in session four days. There was a large attendance, which included Mr. and Mrs. O. F. Brand and J. P. Andrews, of Faribault, Seth Kenney, of Morristown, Chas. Clelland, of Dundas, Richard Jewett and others from Rice county.

There were many instructive papers read and addresses delivered upon the various subjects of horticulture, forestry and bee keeping, perhaps the most interesting being that of O. M. Loring, of Minneapolis. The address was profusely illustrated by use of the stereopticon which showed beautiful forest scenes, country roadways, city streets and private grounds, before they were improved and since. Some of the scenes presented were grounds and streets in Northfield before the "Ladies Improvement Association" took hold of the work and since, and the result was received with enthusiasm.

O. F. Brand, of this city, read a carefully prepared and very interesting paper on "The Nurseryman's Part in Landscape Adornment," and by request spoke on the subject of "Improvement by Bud Variation," a process of creation that few people know anything about.

Thursday evening a banquet was held and the convention closed on Friday with a love feast at which two minute speeches were indulged in.

Place New Ulm Minn.
Paper NEWS
Date DEC 14 1901

Wm. Pfaender, Jr., who attended the meeting of the State Horticultural society in Minneapolis last week, was much pleased with the proceedings and he thinks Andrew Wilfert, of Le Sueur county, has succeeded in producing a seedling apple that will keep through winter until late in the spring.

Place Crookston Minn
Paper JOURNAL
Date DEC 19 1901

The Minnesota State Horticultural society now has a membership of over 1,000, which makes it the largest organization of the kind in the union. The annual meeting, which was held in Minneapolis during the first week of this month, was one of the largest in point of attendance ever held. These facts are of encouraging significance to the horticultural interests of the state.

Place Owatonna Minn.
Paper JOURNAL
Date DEC 24 1901

Horticultural Prospects

Morristown Press.

It was my privilege to be present at the Horticultural Society during its entire session which was very interesting. Your readers will be glad to know the number of members has already reached one thousand. This of itself will show the interest taken in fruit culture in the state. The show of Minnesota grown apples was immense, there being a great number of seedling apples. I did not see or test anything better than the seedling introduced by A. Wilfert. He didn,t get a large reward, as all who had good seedlings were awarded pro rata, making it an incentive for anyone who had a seedling apple to exhibit them. When I look back thirty-one years ago and compare the porgress in new apples, it would seen impossible to have made such an advance. It was considered an unsafe business but the Siberian roots and other crab roots have made it possible to plant fruit trees and make it a profitable industry. In conversation with many tree growers, I found out that the most advanced nurserymen are now using crab roots. As we have a large country west of us we can get the fruit to market at much less cost than growers farther east. It has been discovered that there is a great difference in hardiness of apple trees, but it has taken many years to find this out. I did not see many young men at the meeting, and as a young man has a much better chance to take the fruit than the older men, more interest should be taken in the matters. I will set out a large orchard next spring, and I think there is no other that will surpass the winter apples.

The mistake made by most growers is that they have set out apple trees that do not keep well. I have made the same mistake by grafting, but now I am trying to change to winter apples that may be used from 6 months to a year. And I think a few years will convince us all that there is a better way. Prof. Budd of Iowa brought from Russia a great variety of valuable trees and plants. It has been demonstrated that from one Russian variety of cherries that 250 bushels had been picked of a fine quality. I think it would pay many of our young men to become members of the Horticultural Society, and to plant trees that grow while they sleep. If I could but induce some to become interested in this beautiful pursuit I would be glad.

1901

I would say that I believe it is about the best pursuit a young man could follow. There are too many growing wheat while there are not enough growing good winter apples. They never have been plentiful enough, but the crab roots have left success within the reach of all. A hardy winter apple is a safe investment, as the demand is so great that the market cannot be overdone, and I hope we may all become producers.

SETH H. KENNEY.

Place Austin Minn
Paper Herald
Date DEC 26 1901

HORTICULTURE

An Important Report.

Copy of report given by Jonathan Freeman, Vice President of 1st Congressional District before the Minnesota State Horticultural Society convened at Minneapolis, Dec. 2—6, 1901.

The method of this report, whether good or bad, is my own; but have been assisted by two leading Horticulturists in the District, in the listing of names of those who would probably answer communications and the suggestion of questions for answer. The report will largely consist of information outside of my immediate knowledge, as kindly rendered by others.

A list of nine questions was printed in circular form, and with more or less of my own hand-writing, was mailed to sixty different persons within the District. Thirty-three acknowledged its receipt, and inclosed from part to a full answer and review of the years experience within the field of observation. I highly appreciate the spirit and the efforts made upon the part of those who answered. Because of infirmities and little practice in writing on the part of some, I well know it required great determination to fulfill my request, but your efforts are highly appreciated, as you were enabled to record some of the most vital facts for the interest and benefit of our work. To those who did not notice the communication sent, permit me kindly to ask what are your thoughts after writing to a person or fellow-worker who possesses the information desired, and no notice is taken thereof. Are they not rather ugly? To one of good common-sense, incorrect spelling and zig zag hand-writing will willingly be overlooked, and more than likely your facts are just the ones most needed.

As Horticulturiste, will not we be the first class to correct this weakness of humanity of neglecting to answer questions for which we do not receive immediate pay in cash.

Question 1. Are the older orchardists continuing their past interest in the work, as illustrated by proper care of the old trees and plants, and in planting more space to the best of the old varieties and the well tried of the new?

Some, still living, possess their former interest in fruit-growing, properly caring for the old trees and plants, and extending their bounds by planting more of the best of the old and new varieties. Quite a per cent of the older men are discouraged, and neglect is manifest, while a few are completely disgusted and doing nothing in the line of fruit culture.

Question 2. What average annual per cent of new men are planting more or less fruit trees and small fruits? And what average annual per cent of increase in the purchase of trees and plants by all? Also what is true of the purchase of forest and decorative trees and shrubs?

A fair per cent of younger men, sons of the first settlers, as they come to maturity, are planting and manifesting considerable interest. A large per cent of the new men, coming from other sections, are thus doing, resulting in an annual increase of trees and plants purchased, of from twenty five to seventy-five per cent. In the eastern part of the District many forest and decorative trees are taken from the natural forest, but to the west, are almost entirely purchased from the nursery; and the annual increase of sales are from ten to one hundred per cent, largely because of the manifest necessity of shelter belts for protection, not only from the wintry blasts, but for the shielding of fruits from hot winds, sun-scald, etc.

Question 3. What six varieties of apples for the past six years have proved the most remunerative in their order per tree for selling in the markets within your reach?

Question 4 Please give the best six varieties, each, of apples and "crabs and hybrids;" four each of plums, cherries, strawberries and currants; three each of raspberries, blackberries, gooseberries and grapes for general planting.

Question 5. Of the newer varieties of pinms what have proved the most desirable?

Question 6 What late keeping apple seems likely to become most popular?

Question 7. What have been the special drawbacks or hindrances in fruit culture during the past year?

Drouth, continued intense heat, mentioned by a large majority. Late frosts, insect enemies, needs and insufficient cultivation by several. Inability to obtain reliable help, overproduction in the year of 1900, the sale of worthless stock from the east and south by "gangs of tree sharks."

(To Be Continued.)

Place Austin Minn
Paper Herald
Date DEC 27 1901

HORTICULTURE

An Important Report.

(Continued from Thursday's Daily)

Question 8. What new thing has impressed itself upon you the past season?

"That orchards should be cultivated as often as corn. Of two orchards of mine, one in grass and one with cultivation, forty cents per bushel difference in quality and better yield in favor of cultivation.

"That we must irrigate and have an irrigating plant.

"Pattens Greening and London impress me favorably.

"Constant surface cultivation.

"Late keeping seedling apples.

"That Minnesota ought to make an effort to supply the immense demand for Wealthy apples in Western states.

"A fine wood growth this season.

"Spraying a necessity.

"The great increase of insect enemies of fruit, fruit-trees, small fruits and shrubs, and the great need of a thorough system of extermination all along the line.

"The Compass cherry and Surprise plum,

"Nothing wrong this year, but there did before.

"Spray, mulch and prune, then no trouble raising apples.

"Will have to spray fruit trees if we want the whole fruit, for the birds don't seem to get up early enough around here to catch worms that make the hole in apples.

"That sooner or later we have got to spray to get clean fruit, and that the railroads ought to give us better accommodations in hauling our fruit.

"Left my blackberries up last winter without cover. Was much impressed with the shortness of the crop. Decided wouldn't do it again.

"If farmers cannot do something to make perfect fruit, the tree business will be dead, I note that apples from

trees are the worst. The Stone, a late blossoming variety, was the most perfect. What about spraying? Will it actually save the apple, or is it a fake?

"Absolute necessity of thorough cultivation.

"That in grafting Compass cherry on plum stock, it reduces the cherry flavor of the fruit. I think by grafting them on cherry that it will be much better.

"General farming and commercial fruit-growing will not do together, as one or the other will likely be neglected.

"Cultivate more, cultivate early, stir the soil. Keep the grass and weeds down. Go slow on the new kinds. Let somebody else try them first.

Question 9. What are the indications of a crop for the coming season?

Good! Good! Good! Plenty of moisture. Abundance of fruit buds. Prospect of an abundant crop next year, expressed by a great majority. Fair growth of wood and well-ripened, by several.

From the best information gleaned from the District, it appears that all fruits in every section, with few exceptions, have yielded during the past season from nothing to fifty per cent of an average crop, and that the sales have commanded from good to high prices.

GENERAL REMARKS.

"The Transcendent Crab is the very best for commercial purposes. The English Morills cherry is best and only cherry raised here successfully. Has fruited over thirty-six years. Have picked and sold two hundred thirty-seven bushels in one year. Seedlings of finest quality. Leons, season July. Alling, season June. Long-John, April to May.

"So many hard questions to answer, will not answer any. Have one hundred new varieties of apples in cellar.

"Some nuts that seem hard to crack.

"Twenty years ago planted hundreds of trees, all killed. Young men are continuing to plant.

"I think that the Peerless is a much more hardy tree than the Wealthy, and better fruit.

"Duchess have paid the best, because orchards are oldest, but Wealthy is in best demand, and brings highest price. Newer varieties of currants and gooseberries are coming to the front.

"Old orchardists more interested, because they realize an increase of money value. Cherries—a dead letter. Grapes—nit.

"If a tree gets damaged by a cold winter, cut back all limbs in spring so that the top is not more than half-size.

"Many orchards have been set in the past few years, but are not fruiting as yet sufficiently to form an opinion. They are generally well-cared for, and are looking well. In a few years we will be able to make an intelligent selection.

"My experience is, that to have apples every year, the trees must be fed. Mine are manured every year, and I have a fair crop every year. The Wealthy is the apple for the northwest, large, good color, and if picked with care, as soon as it begins to color, will keep as well as most winter fruit in ordinary farmers' cellars.

"Have just returned from a trip through four townships in my own county. Were raising some fruit in one township, a very little in another, but I did not see an orchard in the other two.

"I have many varieties on trial, but as yet they have not been proven. Am more and more of the opinion that the list to advise to the general planter should be kept low. The large cultivator or grower is himself better able to judge than the Society can tell him, for undoubtedly he has or will give it study. Recommend only the old and sure ones. Better for the majority to plant two or three varieties and be sure, than many and failure.

"In my long experience have tried at least one hundred and twenty varieties of apples, and can now recommend not more than twenty varieties, that I would now set for an orchard, if age permitted. Pattens Greening is large, and a fine apple, but falls from the tree too soon. Longfield is a good bearer, but fruit is too small for market purposes. The Anisim, though a beautiful color, yet too small. The McMahon, unless near market, and carried like eggs, they bruise. Would now set an orchard in the following proportion: 5 Red Duck, 5 Glass Green, 5 Gilbert, 25 Wealthy, 15 Duchess, 20 Thompsons, 10 Repka 10 Melinda, 5 Yellow Sweet.

Crabs or Hybrids: Sweet Russett, Martha and Gideon No. 6.

The facts and experiences as rehearsed in the above thirty-three communications, have been of great interest and benefit to me, and hope they may be the same to many others.

Why are the reports so meager and discouraging pertaining to the cherry? It is a fruit that I especially love, and why is it not a success in the western half of the District?

What is the force of suggestions made by a few that commercial orcharding and general farming cannot be successfully followed, as a rule, by the same party?

Is it not one of the forceful reasons for the present disparity of fruit culture upon the prairie and hill and bluff sections? Evidently, this is worthy of consideration at all horticultural meetings.

JONATHAN FREEMAN.

from page 16-

ed resolutions which will be presented to the legislature and to each member of the congressional delegation.

These resolutions refer particularly to the preservation of Minnesota forests. The association memorialize congress to adopt such measures as shall be effective to retain under competent and efficient official management the entire business of husbanding and harvesting the resources of



Judge C. E. Older—This is no snap.

all lands still owned or controlled by the United States which are now either covered with timber, or so situated as to be beneficially reforested.

Many Papers Presented.

Mr. Loring's suggestions were effectively championed by a number of prominent men in state educational circles, there being in attendance also a large delegation from the State Agricultural school. Mrs. W. T. Brambail, St. Paul,



O. C. Gregg—You see I can draw pictures as well as I grow trees.

who has probably done more for forest preservation than any other individual in the state, was one of the speakers. Her subject was "Present Status of the Park Question."

The other papers were presented as follows: "The Aesthetic Side of Forestry," Alfred Terry, Slayton; "Minnesota's Interest in Forestry," Gen. C. C. Andrews, chief fire warden, St. Paul; "Special Course in Forestry in the University," Prof. S. B. Green, St. Anthony Park; "Minnesota's Greatest Opportunity in Forestry," H. H. Chapman, Grand Rapids.

The association will during the ensuing year take effective steps in interesting the legislative and congressional delegations in economic possibilities of the state in the way of limiting the extensive cutting of timber. C. M. Loring and George W. Strand were re-elected president and secretary respectively.

at Agr. Society Meeting annual Jan. 1902

1902.



O. C. GREGG,
Lynd, Minn., Superintendent Farmers' Institute for sixteen years.





M. UNDERWOOD,
Lake City, Chairman.



PROF. THOMAS SHAW, State Experiment Station—Mr. Speaker, I should like to say a few words in that connection.



DEAN W. M. LIGGETT,
State Agricultural College.

Place Minneapolis Minn.
Paper Farm & Stock & Home
Date Jan. 1- 1902

SAYINGS AND DOINGS OF FRUIT GROWERS

The Late Meeting of the Minnesota Horticultural Society Boiled Down.

BY O. M. LORD.

The first forenoon was devoted to commercial small fruit growing. The first topic was planting and care of a field of red raspberries. The paper recommended a thorough preparation of the ground; putting the plants five feet apart for cultivating both ways of the rows; using only young vigorous plants, old plants being of no value; having the soil in fine tilth and properly marked. Would use a spade opening the ground to receive the roots. With the help of a boy to drop the plants, 1,500 can be set in a day. The principal tools used are a common and a double shovel cultivator.

Black raspberries, how to make the most out of them commercially, was the next topic. The writer treated this subject from the standpoint of marketing, showing that though they could be easily and bountifully grown here, the business was not profitable, on account of the limited demand and changed conditions of transportation.

Strawberries by the acre: One of the first and most important requisites is a good soil. A sandy loam, highly manured, is the best for reliable crops, but almost any soil could be fitted if properly handled. The selection of varieties is an important matter. Bederwood and Warfield were especially recommended. Other varieties should be tested as to adaption to the location before planting largely. Thorough and perfectly clean cultivation must be had through the first season. And lastly, though not less important than any of the forgoing, is available markets.

Strawberries on a large scale, was discussed by J. L. Herbst, Secretary Wisconsin Horticultural Society. There are 360 acres in his vicinity. He would use several varieties of staminates in setting, with the pistilates, instead of the usual practice of using only one to increase productiveness. Market packages must be neat, cleanly and attractive. His method of picking, managing pickers, etc., was described. A common yield is 125 cases to the acre, but 350 bushels have been grown. Implements used are cultivators, markers, double-shovel and hand wheel-cultivator. The Acme harrow, in fitting the ground was highly spoken of; and the weeder, properly used, in keeping it clean, is a very desirable tool.

Picking and packing small fruits for market: The most important points be be observed are ripeness and moisture. No small fruit can be successfully handled when wet; and if dry, careless or rough handling spoils it for market. Packages used should always conform to market requirement. Marketing fruit by Association was finely presented, and elicited many inquiries in regard to results, and of the feeling prevailing among patrons. It is considered much more satisfaotory than individual marketing where fruit must be shipped.

The first paper of the afternoon was on melons. Watermelons are not profitable. Transportation facilities and earlier growing down South floods the markets. Muskmelons pay very well in the local markets. The earliest fruit is obtained by transplanting and cultivating as long as possible. The squash bug is most destructive of young plants, which are best protected under glass.

Early tomatoes in open ground: Start plants in boxes in the house, and transplant into the hot-bed. Only stocky plants should be used. Set plants first of May, in open ground. Fruit was produced by July 4. Varieties, Dwarf, Champion and Acme.

Ginseng as a garden product: The writer had succeeded satisfactorily on a small scale, by conforming to the natural conditions of the plant as to character of soil, conditions of shade and moisture. The plants had developed a tendency to produce much more seed under cultivation than naturally. Considerable doubt was expressed by different parties as to general success as a money-making product, notwithstanding its relative high price.

Marketing vegetable products: Marketing is fully as important as producing. Products are only valuable when offered in season; ever so good a crop is without profit when out of season. A uniform grade always sells best; bunches or packages of any kind should be neat, convenient and attractive, and not exposed to heat or dust. Grower's name should be stenciled conspicuously on packages. For many vegetables boxes are preferable to baskets. If there could be a uniform method of disposing of these products by weight it would be more satisfactory to both buyer and seller.

The Farmer in Horticulture, by C. H. True, Secretary Northeast Iowa Horticultural Society: The ordinary farmer is not conspicuous in horticulture; his principal excuse is lack of time. He has also failed to inform himself of conditions necessary to success, and is ignorant of methods. Farm work demands all his energy and attention.

How plants may be improved, are still problems in most parts of the state. We have some forms of wild cherries that are desirable for trying to improve by cultivation. The sand cherry is adapted to our climatic changes, and by selection and hybridizing it promises good results. Scientific working with a special end in view will accomplish more than haphazard experiments. Habits of careful observation should be formed to note any variation that may occur to many wild plants when brought into cultivation. Much discussion followed on the succession of plants.

Improvement of public and private grounds, by Hon. C. M. Loring. The evening lecture was listened to with marked attention by a large and appreciative audience. Stereopticon views were given of city and village residences before and after being ornamented with trees, shrubs, vines and flowers; showing by contrast how much beauty, attractiveness and value can be added to homes by the proper use of a little time, money and labor in growing such adornments. Mr. Loring was heartily and cordially congratulated by the Society.

The Wednesday morning session opened with "Landscape Adornment a Universal Obligation." German methods of road-side planting of cherry and other trees was described and advised. Also adornment of home grounds, which add materially to the many values of all cultivated lands.

Ornamenting farm homes: Mr. Bush had remarked a general neglect all over the state. School and other education was needed upon varieties, setting and care of ornamental plants and trees. He would have at least five acres on every 160, used for the purpose of shelter belt protection to stock and buildings, all so systematically arranged as to give a pleasing effect to the view. He would also have churches, school buildings and cemeteries receive attention, and would encourage children by enlisting their efforts in the work.

A lively discussion of different methods of preparing ground and of setting trees and plants, cutting back and care followed, and much valuable information about treatment of evergreens and the different varieties of trees and shrubs. Improvement of private grounds were especially mentioned as of great importance. Thick, rich, velvety green is the most pleasing. The errors made in the care sometimes spoils the effect, namely, too close mowing, watering during intense heat. Driveways cleanly kept with even edges, fringed with deciduous trees, especially maple, uniform in size and appearance, gives best effect. Sunshine not to be excluded, rigid lines not desirable, changeable groups add to beauty and effect.

Their advice is needed and their experience is valuable. They could largely contribute to making a small, judicious expenditure accomplish great results. In adorning grounds contrast between back and foreground is the most pleasing. Views of buildings should not be obstructed. Grounds should not be filled up in confusion nor over-filled. Our own indigenous trees and plants are well adapted to our use; evergreens in outline; lawns large, well kept; shrubs grouped at intervals with beds of bulbous and other flowers, give a pleasing effect, and add immensely to the desirableness and money value of the farm or home.

Care of the cemetery, by Mr. Hobart, Supt. of Lakewood cemetery, Minneapolis. Driveways should be 20 feet wide, made of gravel or rock well sanded. Where these are not available cinders or slagg may be used. A uniform surface of the grounds is very desirable, well seeded to grass. Tree, shrub and evergreen planting should be regulated by expert supervision, only one monument should be used to a lot, and no individual planting should be allowed.

Parks for smaller towns, by Mr. Nutter: Artistic work had changed public opinion. Rest, lawn, shade and playground must be combined. Section lines and straight streets not adapted to best results. The tendency is to over-plant, natural beauty and picturesqueness should be carried out if possible.

Perennial phlox was described and compared with other flowers. It blooms from July to October. It is in many varieties, and methods of cultivation are not so different as to forbid general cultivating.

Native shrubbery in ornamentation, by Mr. Moyer: Results in Central Park, New York city, have demonstrated that native plants and shrubs are best adapted to our use. Several varieties were named as reliable and desirable, among them cherries, mountain ash, buffalo berries and wild roses.

The Ponderosa Pine was regarded superior to White pine for ornament. Supt. Gregg spoke highly of European birch, the elm, ash and hackberry for planting in his vicinity. Cottonwood not desirable. Plums, very successful; apples, moderately so; strawberries and currants vere fine. Had not succeeded with any of the raspberries.

Heat in the orchard, illustrated by experiments, showing absorption, radiation and conduction, were fully presented by Prof. Robertson, and listened to with marked attention. Legal protection for owners of seedling fruits was ably presented by Mr. Underwood, and the subject was discussed by several members.

Orchard experience of a third of a century: This paper was retrospective a record of fruit trials, obstacles and failures, how they were met and overcome, and something of final results in the production of apples, cherries, plums and small fruits in abundance, which have well repaid for money, time and labor expended. The experience demonstrating that directed and persistent effort will surely bring their reward.

The Ladies Auxiliary has proved to be one of the most popular features of the Sociey's meetings. The objects of this auxiliary will be understood from this list of subjects:

"The Farm Mother and Her Flowers," Mrs. A. Cummings; "The Possibilities of Country Home Grounds," Mrs. O. C. Gregg; "An Amateur's Notes on Outdoor Improvement," Mrs. Florence B. Loring; "The Possibilities of Club Work in Rural Districts," Mrs. Anna B. Underwood; "School Gardens and Others," F. M. Powell, Glenwood, Ia., and others.

The wish was expressed that the papers could be read in every home in the land, as incentives to action. No epitome can do them justice, and they will be published in the Society's horticultural magazine.

A report from the Pan-American Exposition was very flattering to the Minnesota fruit exhibit. It was said to occupy first place during its season.

The president's address and the reports of all officers of the Society indicated its high standing and condition, and showed it to be among the largest, most flourishing, well organized and successful horticultural societies in the country.

The memorial hour was the most impressive of any in the history of the Society. Deceased members who had contributed so largely to its success were most touchingly and affectionately referred to by many of the members present. No fulsome adulation was indulged in, but the character and life-work of each was so beautifully and appreciatively portrayed that it will be an inspiration to those who now take up the work of those who have gone before.

The election of officers resulted in all being re-elected without opposition. The remainder of the session was occupied by the State Forestry Association. Mr. Loring advocated strenuous effort to secure forest reservations. The agricultural prosperity of the country depends largely upon moisture, which is conserved by forests. Aesthetic side of forestry was treated of, the beauty and utility of tree planting and care of forests. Prof. Green gave a synopsis of the methods of instruction given in the University course on forestery. A talk upon the present status of the park reservation in north Minnesota, by Mrs. Bramhall, was much admired for its thought and careful study of all phases of the subject. Several other topics pertaining to this subject were briefly discussed.

The fruit exhibition was an excellent display. Fifty-one varieties of late and early seedlings inspired unusual interest. There were 633 plates on the tables, a great surprise to visitors from other states.

For the commercial orchard the best varieties are Borovinka or Duchess, Wealthy, Patten's Greening, Longfield, Northwest Greening and Ben Davis. Soil for such orchard should be thoroughly prepared by plowing, cultivating, sowing and plowing under clover, and subsoiling. Subsoiling, however, created much discussion. It was agreed that it is not necessary on soils underlaid with gravel, or of loose texture; impracticable on side hills and only desirable on a heavy clay or impervious subsoil.

Trees in the orchard should be planted to protect each other from the sun's rays, also to afford easy cultivation and access with teams. Distance apart so regulated as to afford easy cultivating of number of trees to the acre and yields of fruit.

Cultivation of the orchard before and after bearing was advocated as the best system of care and treatment to secure good crops of fruit and a thrifty, healthy condition of tree. One important advantage of this is the conserving of moisture, and another is, allowing the soil to devote all i s strength to the fruit crop instead of weeds, grass or any other crop. In discussing this subject much difference of opinion was expressed about the utility of the dust blanket or mulching, and also regarding distances apart of trees: 20 to 21 feet apart appeared to have the most advocates.

In gathering, the fruit should all be hand picked, in baskets lined with burlap, or in a shoulder bag with wire mouth, allowing the use of both hands. Step-ladders are useful for lower limbs, and a pole-ladder of greater length to reach among the limbs. A model separator for grading the fruit to uniform size was shown. Put only good fruit on the market. May be graded 1 and 2, but culls are worthless. It should be picked before entirely ripe. For distant markets it pays to wrap in papers.

Report on packages for plums and other fruit: After consultation with commission men it was decided that the common 16-quart crate with boxes is the best commercial package for Desoto, Rollingstone, Hawkeye and Surprise plums. Softer plums in California packages. Barrels of standard size are best for all apples, neither baskets nor boxes desirable. Red crab apples, most in demand, should be double-faced in barrels. Duchess only profitable when picked early. The Wealthy is always in demand.

Varieties and culture of cherries: Among the varieties tried, the Homer, a local name, has proved most hardy and profitable. It is said to be a Morello, but is probably of the Kentish family. Several kinds of Russians have been grown, but not all were reliable. All varieties invariably do best on their own roots. Trim and shape the trees while young. Old trees need no pruning. Cultivate while young.

In growing seedlings to Improve the apple and plum, plant only seeds of best varieties. Continuous work along this line will justify the pains and labor required.

In grafting, thrifty, hardy, well matured wood should be used for stocks, and fresh or well kept scions. Adaptation of stock to graft is very important. Specimens were shown illustrating adaptability by comparison of growth when stocks are too large for scion and when of proper size. Some varieties are found not adapted to each other in habits of growth, which can be determined only by trial.

Cultivation of the soil, manuring, pruning, etc., invariably have a tendency to increase the size and improve the quality of most fruits. Rich soil is a potent factor in producing variations and sports, and if these are followed in the same line quite new and valuable varieties may result.

Place Spring Valley
Paper Enterprise
Date JAN 2 1900

Horticultural Meeting.

The Southern Minnesota Horticultural Society will hold its annual meeting on January 15, 16 and 17, in Spring Valley, at the armory building. They extend a cordial invitation to all interested in fruit growing or otherwise, to be present. Come everybody, and we will try and do you good

Place Austin
Paper Transcript
Date JAN 2 1900

HORTICULTURAL DELUSIONS.

A Paper Read Before the S. M. Horticultural Society by John C. Hawkins of This City.

The annual meeting of the Southern Minnesota Horticultural Society is in session at Spring Valley this week. Among the interesting papers read before it is the following by president John C. Hawkins of Austin.

"When I was a slip of a boy, my father gave me a willow cutting with the assurance that if I would stick it in the ground, it would take root and make a tree. I was incredulous but planted it, and daily for several weeks I visited my tree and pulled it up carefully to see if the roots had started. In the lapse of time my doubts were fully confirmed. The willow did not grow. In co-operation with nature, I had undertaken a job without understanding the conditions of success. I was under the delusion that the processes of Nature could be examined without interfering with her work.

The old poet said: "Men are but children of a larger growth." Evidence of this truth may often be seen in the thoughtless, childish action of grown men. Deluded with overconfidence, we neglect to master the conditions. We pull up our trees before they have time to root. A little later in my early experience, I nutured an ambition to grow strawberries. Seeing a most alluring picture and description in a farm paper, I promptly despatched $3.00 of hard-earned pocket money for one dozen plants of the Napoleon III variety. I should perhaps have taken warning from the name, but the French ruler was then at the height of his power and few realized that he was the humbug of the century. My strawberries proved much like their namesake. They were splendid in show and promise, but very poor in performance. They grew stoutly and they did bear a little big fruit. But a diligent search of an acre patch, at the best of the season would discover enough to supply a family with one supper, provided every time that the family was small and not very fond of berries. I had been taken in by a too common deception. The paper had sold its space to an unscrupulous wonder of an untried novelty and through hopeful zeal, without knowledge, I had fallen an easy victim.

These incidents are cited to illustrate the affirmative or positive side of the theme. They belong to the delusions of hope. For, though Hope's pleasures are many, she is not a trusty guide. Through her charming witchery, we are always grasping at promising plans, without sufficient examination of their claim to merit. We may constantly see men buying fruits like Napoleon III.

But there is another or negative side to the question. Rudely wakened from the rosy dreams of careless hope, we swing the other way, beyond the base line, and land in the swamp of discouragement. The delusions of hope are the cause of the delusions of despair and lead directly to them. A large part of the hopelessness in fruit growing among the farmers may be traced to exploded delusions. The imaginary good fades away and is succeeded by a stern skepticism. They pass the golden mean of considerate action, and are deluded again by their own doubts and fears.

"Our doubts are traitors,
And make us lose the good we oft might win,
By fearing to attempt."

Riding one day through our country, I passed a garden where a half dozen apple trees were loaded with fruit. Within four miles of that place I talked with another farmer who said: "You can't raise apples here; I've lived here ten years and never yet saw an apple grow here." Here, doubtless, was an example of the doubly deluded man, first fooled by hope and then by despair. I listened quietly to his voluble harangue, occasionally dropping a word to keep him going. What he said showed so well the depth and density of negative delusions, that I want to reproduce his language as closely as possi-

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ble. "No, Sir," he said, "We can't raise 'em. I know, for I've tried it. What are you treemen giving us? This talk about fruit growing is all lies. It's a scheme for the tree men to make money out of the farmers. Why, the trees won't live here. It's too cold. I've tried it and I've seen others try it. My neighbor here bought a hundred trees of a New York nursery, a regular nursery that had been running a hundred years. He was too sharp to buy of any of these little upstart western concerns. He gave 'em the best of care but not one of those trees lived. They were all dead in three years. They were the Rhode Island Greenings and Baldwins, the best there is. But there's too many mice and rabbits here. And they won't grow because it isn't an apple country. The apple country is New York and Michigan and farther south. This is a grass country. A wise man will study the natural use of his country. You can raise beef and pork and butter here, but not fruit. Plant Apple Trees? No, Sir. I'll plant cows and pigs and ponies. You needn't try to be smarter than the Creator. He thought it was no use to put orchards here. Oh, yes, you may now and then raise a few sour crabs but they will blow off before they are half grown. I tell you it's no use. It's too windy here. And it's cheaper to buy what you want anyway. If I want to give the children a peck of apples for a Christmas treat, it only costs forty cents." And so ran on the strong current of objections. Thus from the fogs on his low lands of doubt rose the voice of the poor deluded farmer.

I listened and wondered and thought perhaps Tennyson was right when he wrote:

"Blind and naked ignorance delivers brawling judgments unashamed."

Place Austin Minn
Paper Transcript
Date JAN 29 1902

—The newly elected officers of the Southern Minnesota Horticultural Socity are G. H. Moore of Spring Valley, president; Mrs. C. E. Brainerd of Albert Lea, vice-president; Jonathan Freeman of Moscow, secretary and treasurer. Next meeting will be held at Albert Lea.

FOR WISCONSIN PRODUCTS

STATE HORTICULTURAL SOCIETY OPENS CONVENTION.

Life of Girls on the Farm Proves Interesting Feature of Evening Meeting.

Madison, Wis., Feb. 4.—The vanguard of the large army of agriculturists, horticulturalists, stock breeders and beekeepers who will assemble in Madison this week arrived and began work with the first meeting of the annual winter convention of the Wisconsin State Horticultural society in the state capital this morning. About 100 members and others were present and fifty more are expected in the morning.

The meetings, which will continue morning, afternoon and evening until Thursday night, are held in the old museum room on the fourth floor of the capitol. On a long table is an array of apple exhibits entered by the members from all sections of the state. The different manufacturers also have an exhibit of spraying apparatus which is of great interest to the members who are growers of fruits and flowers of every description.

Care in St. Louis Exhibit.

In his address at the opening of the morning meeting, President T. E. Loope of Eureka urged a careful preparation for the exhibit which is to be made at the St. Louis fair. He spoke of the success gained at Buffalo by the Wisconsin exhibitors.

The first paper to be read before the meeting was on strawberries by J. J. Ihrig of Oshkosh. J. L. Herbst of Sparta followed with a paper on pickling small fruit. Papers on the subjects, "Implements of Small Fruit Culture" and "Fruit for the Farm" were read by A. L. Hatch of Sturgeon Bay and W. L. Amer of Oregon, respectively. Each paper was discussed by those present and in many cases there was a wide difference of opinion as to the proper methods of the preparation of soil, time of planting, etc.

Apples in Northwest.

Five papers were read in the afternoon meeting, the subjects being connected with apple raising, care of the orchard and the implements to be used. The most important was that by A. W. Latham, secretary of the Minnesota State Horticultural society, who read a paper on "Transplanting the Apple in the Northwest." He advocated the choice of a northeast hillside for the orchard, as the trees are then protected from the dry southwest winds. The twigs to be set out should be two years old, although many prefer three years' growth before transplanting. The tree should be replanted no deeper than they formerly grew, according to the old authorities, but modern experiments have shown that four to six inches deeper than the nursery depth is the most favorable. The most important factor, however, is an ample water supply.

In the morning meeting the president appointed A. L. Hatch, L. G. Kellogg and W. Hall as a committee to judge the fruit exhibit and F. E. Edwards, L. Laiten and D. E. Conners as a reception committee.

Drudgery on the Farm.

The article by Mrs. Franklin Johnson of Baraboo, on "How to Keep Girls on the Farm," created the most interest. Mrs. Johnson is editor of the Wisconsin Horticulturist, the official organ of the society. She gave as the two objections to farm life the isolation and the drudgery. The latter could, and is being, eliminated by the telephone. She advocated the introduction of the telephone into every farmhouse. The drudgery could be done away with by means of labor-saving devices, and she hoped for the day when dishes would be washed by electricity. She also advocated a broadening education for the farm girl, so that she would be more resourceful and able to make her life more agreeable horself.

Other speakers were W. J. Moyle of Yorkville, on "Stubborn Facts in the 42d Degree of Latitude," "Flowers and Their Influence," by Miss Edith Trevelan of Omro, and "A Vacation in Europe," by Miss Emma Jacobson of Chicago. Oliver Gibbs of Prescott read an original poem. The comittee on awarding premiums gave out the following results of the apple exhibits;

Parsons and Toole of Eureka, 26 firsts and 1 second; A. D. Barn of Waupaca, 6 firsts and 8 seconds; A. M. Kelley of Mineral Point, 1 first; A. Wyman of Casco, 1 first and 1 second; Edward Nye of Appleton, 1 second; Miss Gertrude Cairns of Ellsworth, 1 second. Fifty-seven varieties were exhibited. The prizes were $1 for firsts and 50 cents for seconds.

Tomorrow the Wisconsin Agricultural experimental association and the short course alumni will hold their first meetings in conjunction, while Thursday the Western Guernsey Breeders' association will meet in the forenoon and the Wisconsin Shorthorn Breeders' association and the Wisconsin Livestock Breeders' association will meet in the evening. The mass convention, held under the auspices of the Wisconsin state board of agriculture, will open tomorrow morning and meetings will be held morning, afternoon and evening until Thursday evening. The meetings will be in the nature of a joint meeting of all the associations gathered and the topics to be discussed will be those of interest to all.

Place Austin Minn
Paper Mail
Date FEB - 5 1902

MINNESOTA fruit growers are considering the erection of a memorial tablet to the late J. S. Harris of LaCrescent, one of the leading horticulturists of the Northwest, to whom they are indebted for many of the varieties of hardy fruits now grown in this state. If present plans are realized, the tablet will be set up at the state agricultural school. Such men as J. S. Harris rank among the greatest benefactors of the Northwest and deserve equal credit with the Pillsburys and others who have received far greater recognition.

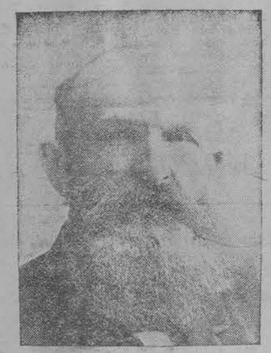
1895 1902

Place MINNEAPOLIS Minn
Paper TRIBUNE
Date

DEATH OF H. M. LYMAN

Prominent Horticulturist Passes Away at His Home Near Excelsior—Won Fame in Fruit Culture.

Henry M. Lyman died yesterday at his home near Excelsior at the advanced age of 73 years. He had been in a critical condition for the last three days, and death was not unexpected. Mr. Lyman has been a resident of this section



HENRY M. LYMAN.

Place ST. PAUL Minn.
Paper GLOBE
Date FEB - 7 1902

PROTECT FRUIT TREES

HORTICULTURISTS WANT TENNESSEE LAW ENACTED.

Minnesota horticulturists wish to have the legislature pass a law providing a penalty for the sale of trees which are diseased. It has been suggested that the Tennessee law might be enacted almost without change. The law provides:

"That is shall be unlawful to grow, keep, offer for sale, sell, introduce or transport within the bounds of the state of Tennessee any plants, scions, trees, shrubs or vines without a certificate from the state entomologist showing the same has been inspected and found to be free from San Jose scale, yellows, root knot or any other dangerous insect, pests or diseases, and each box, bundle, package or car shall be plainly labeled on the outside with the name of the consignor and the name of the consignee. Every package shall also bear the certificate of the state entomologist, as above set forth in this section, and no certificate shall be valid longer than twelve months from the date of inspections. Any person or persons knowingly violating this section shall be guilty of a misdemeanor, punishable by a fine of not less than $25 nor more than $100."

1893

DISPLAYS OF FRUITS.

They Show That Minnesota Can Raise Choice Varieties.

Some forty years ago the first efforts at fruit raising were begun in Minnesota. At that time even the most sanguine did not expect that much would be accomplished in this climate. Today, however, Minnesota boasts the strongest horticultural society in the United States; and it is owing to the public spirited efforts of the state society that the present grand display of fruits is presented in Agricultural hall. Last year $700 was allowed for premiums to fruit growers. This year the amount was cut to $500, and yet a very fine showing is made. A thousand dollars in premiums would fill Agricultural hall to overflowing with an exhibit of fruits that would astonish the citizens of Minnesota no less than the visitors from the East. The Wealthy apple, for instance, originated by Peter M. Gideon, of Minnesota, is the most highly colored and most highly flavored apple shown at the world's fair. Then there is the famed Duchess, also originated in Minnesota, and known as one of the finest apples that grows.

In grapes no state of the Union can equal Minnesota, especially for Concords and Delawares. The display of this luscious fruit the present year is contributed by Dr. M. M. Frisselle, John Dondon, A. W. Latham, and H. L. Crane, whose vineyards are all at Minnetonka. They begin to ripen about the middle of August, and the varieties are Concords, Delawares, Iona, Brighton, Rogers, Niagara, Clinton and Lady Grape. Several hundred thousand pounds are raised each year and are all consumed in Minnesota.

Of apples there are forty, or more, individual exhibits, with entries from hundreds of people. It will astonish some readers to be told that there are 200 new varieties on the table this year. About a quarter of a million bushels of apples are now raised in Minnesota yearly, and they sell at an average price of 75 cents to $1. Crabs bring $2 a bushel, and more are being raised each year.

Plums, strawberries and raspberries are also increasing in quantity and quality, the former by selection, the berries by irrigation, which is now beginning to be practiced in Minnesota on fruit farms, in order to make their owners independent of drought.

But few awards were made yesterday in Superintendent Elliott's department. For apples, premiums awarded were: First premium, for collection, $25, J. S. Harris, La Crescent; second premium, $20, Somerville, of Viola; third premium, Jewell Nursery company, of Lake City; fourth premium, $10, Wedge, of Albert Lea.

In grapes John Louden, of Excelsior, took the first premium for collection. He has the place owned by Mr. Latham, secretary of the state horticultural society, who has always captured the first premium.

Mendenhall, of Minneapolis, captured first prize, $30, for greenhouse display, and Nagle, of Minneapolis, took second, $25; Fleischer, of St. Paul, third, $15. John Taylor was judge. There were only four exhibitors in this department.

The Horticultural Exhibit.

One of the most tempting and bewitchingly beautiful exhibits (and one that has possibly received less notice in the daily press) is the display made by the Minnesota State Horticultural Society in Agricultural hall. It is hard to realize that a state so young could produce such a wonderful variety of fruit of such excellent quality as is displayed in this exhibit. On suitably arranged tables and in a most artistic manner are arranged over 200 different kinds of apples that are raised in this state, and about 60 varieties of grapes, including Ionias, Delawares, Moore's Early, Concords, Lady, National and others too numerous to mention. Times-9/3-

Strawberries, raspberries, blueberries and cranberries in profusion of variety are numerous varieties or plums are shown, tastefully arranged. Peaches and pears, and blackberries, too, and other small fruit are interspersed in this wonderful collection. Rendering this display of fruit even more tempting and pleasing is a most beautiful collection of plants and flowers, artificially arranged by Mendenhall, Hartman, Nagle and Wessling, of Minneapolis, and Fleischer, of St. Paul, all of whom seem to have vied with each other in their efforts to create the finest effect in the arrangement of the various plants that one could possibly imagine. (Not only are they displayed in groups, but they are also distributed among the fruits, lending to the whole exhibit a picturesque grandeur that makes it wonderfully tempting and attractive, and causes an exclamation of admiration and ecstacy to arise from the lips of every one who views is.

Hon. Wyman Elliott, vice president of the horticultural society, is superintendent of this exhibit, and its success is due to his indomitable energy and to the indefatigable labors of his able assistant, A. W. Latham, who has been for so many years the efficient secretary of the society.

In conversation with these gentlemen it was learned that it is an extremely difficult matter to get horticultural exhibits that do justice to the fruit growers of the state, on account of the limited amount of premiums usually offered at fairs for these displays. The present exhibition, it is said, has been gathered mainly by the society itself, and a portion of the paraphenalia used was the same that the society sent to the world's fair.

The judges began their labors yesterday in this department and made good progress without depleting the visible quantity of the exhibits to an appreciable extent, nor were they heard to complain that their duties were very arduous, but if they do not make loud and long calls for soothing syrup or kindred remedies it will only be by reason of their wonderful constitutions; for some of the fruit, unlike much of that in the poultry department, was plucked before it reached an age that is considered conductive to health and proper digestion.

The Stock Exhibit.

At the south end of the agricultural building is a raised platform, from which an excellent view of the building and the displays of fruits and flowers may be had. On this platform A. B. Latham, the veteran horticulturalist, who is in charge of the display, loves to stand and "size up" the beautiful exhibit which has been arranged under his direction. It is a sight calculated to make any lover of the most beautiful part of the farm and garden feel a supreme satisfaction. On either side of the building there stretch away for, perhaps, 75 feet, banks of flowers from the greenhouses of the two cities, while in the center three long tables, arranged in pyramidal shelves, show the fruits. And the fruits are there. Any one who is skeptical about the ability of the climate and soil of Minnesota to raise apples should see the beautiful specimens on exhibition. There are no less than 250 varieties displayed. There are about 50 varieties of grapes, a large number of plums and a few pears. In all, there are 2,500 plates of fruit exhibited.

The judges got to work this morning. Prof. Green and Mr. Brackett judged the apples and made the awards for the collections of apples raised by professional growers, as follows: First premium, $25, J. S. Harris, of Lacresent; second premium, $20, Somerville, of Viela; third premium, $15, Jewell Nursery Company, of Lake City; fourth premium, $10, Wedge, of Albert Lea. In grapes, John Louden, of Excelsior, took the first premium, for collection. He has the place owned by Mr. Latham, who has ordinarily captured the first premium.

Jos. Taylor was judge in the department of plants and flowers. The prizes for the collections of greenhouse and hothouse plants went as follows: First premium, $30, Mendenhall, of Minneapolis; second, $25, Nagel, of Minneapolis; third, $15, Hartmann, of St. Paul. Mendenhall also captured the first prize for foliage and decorative plants.

1895

9/15/95
P. Press

Daily

SAINT PAUL, FRIDAY,

FRUIT CULTURE IN MINNESOTA.

AN INDUSTRY THAT IS RAPIDLY GROWING IN FAVOR.

Two Varieties of Minnesota Apples That Are Not Excelled in Flavor by Any in the World—With Proper Effort the State Will Be an Apple Exporting Instead of an Importing One—Minnesota Grapes Have No Superior as a Table Fruit.

If there is an infant industry in this state that ought to be protected, and which is thriving in spite of the fact that it is handicapped in many ways, it is the raising of fruit. The success of fruit culture is due almost entirely to the fact that the men engaged in it are people who do it because they love it and are determined to win in spite of everything. They have proved to demonstration that the climate and the soil are all right for the more common fruits and now they are making a noble effort to force recognition from the state agricultural society. And that recognition this year took the form of a reduction of the premiums offered for displays. Any one who has seen and enjoyed the beautiful showing of fruits and flowers in the south end of the agricultural building must feel something of indignation at the fact that all those beauties are competing for a beggarly $500 premium.

They are a queer lot, the fruit growers. Not exactly queer, but their pursuit makes them very different from the ordinary farmer. They are more nearly the ideal of the ruralist than other tillers of the soil, and their ardent pursuit of their chosen vocation weans them from many things. Of those who have been so busy about the exhibit this week there is scarcely one who is not a prohibitionist. Only one of the lot uses tobacco and they are all learned in the lore of the orchard. They form a sort of close corporation and they are members of the Minnesota Horticultural society to a man. And it may be added that the society is the strongest in the support given it by its members in the country. Even the New York society is a tame affair compared to that of this state, and every member of the Minnesota society believes most firmly that the future of the state depends very largely on the development of horticulture. They are very nearly right, too, for this year there was no less than a quarter of a million bushels of apples raised in the state, and if it had not been for the May frost there would have been many times more. Apples are worth about a dollar a bushel now and all of the Minnesota crop is consumed in the state, in addition to a great many imported. The time is not far distant when the importation of the fruit will cease, for at the present rate of development Minnesota will be selling apples in a very few years. There are two samples of apples grown in Minnesota, the Duchess of Oldenburg and Wealthy, which are not excelled in flavor by any in the world, and they have already

Attained Great Fame

among horticulturists everywhere. A. W. Latham, secretary of the horticultural society, and the active man of the department of which Col. Elliott is the head, believes in the capacity of this state to raise fruit, and he bases his belief on actual experience. In fact, the showing made at the fair is proof positive of this, and the sooner the farmers take more generally to orchards the better for themselves. The rosy cheeked apples, the luscious grapes and the other fruits displayed are attracting widespread attention and many a farmer will go home from the fair determined to plant an orchard.

It is probably more than forty years ago that the first apple tree was planted in Minnesota. J. S. Harris, who got a first prize yesterday for the largest collection of apples, was one of the first men to be successful in growing apples in the state. He lives at La Crescent, and that district is probably in the lead of the orchard country of the state. Even after Mr. Harris had successfully raised apples he had difficulty in making strangers believe it possible that the fruit could grow here; but his success finally impressed others, and he now has rivals in the business. Crab apples were easy enough, but farmers were shy of the regular varieties, and it took some time to convince them. Once they were convinced, experimenters went to work to develop an apple that would take kindly to the climate and give the best results. Of these experimenters, Peter W. Gideon was the most successful, in that he produced the Wealthy, a beautiful apple of rich color and most delicious taste. The Duchess of Oldenburg is a Minnesota product, and is admirably adapted to the climate and soil. No trouble whatever is experienced in raising these fruits, and the trees, which should be planted as yearlings or two-year-olds, bear in four to five years. Of course, it is necessary to exercise great care in keeping the trees healthy, but for the rest, they will pay. Mr. Latham says that there are many orchardists in the state who have a crop exceeding 500 bushels, and the yield is increasing very rapidly. Fillmore, Olmsted, Winona and Steele are the apple counties now, but there are many trees and small orchards in both Ramsey and Hennepin counties, and several people in Minneapolis have trees from which they took ten bushels of fruit this year.

Next to apples, plums are the most valuable fruit crop. They are indigenous, and from the native plum there have been developed many fine specimens of the plum family. They are easy to grow, and by grafting and attention the native plums can be brought to a high state of culture. There are some very fine exhibits of the fruit in the horticultural department.

Of grapes, there are several hundred thousand pounds grown every year in the state, and there is scarcely any limit to the possibilities of the culture of the vine. The northern varieties are used, necessarily, and an excellent table fruit is the result. None of the Minnesota-grown grapes are used for wine, and Mr. Latham said he did not know a man engaged in grape culture who was not a prohibitionist. There are some fine displays of a number of varieties, and they may be grown in any locality where there is comparative freedom from early frost. John Louden of Excelsior took the first prize yesterday for a collection of grapes.

In berries of every description the state is very prolific, and the Minnesota strawberry has a wide fame. They are grown without difficulty and afford great returns for their culture.

Peaches do not thrive to any extent, and there is no orchard of any magnitude. Mr. Latham knew a lady who had had some success with peaches, but she buried the trees, practically, in winter.

Some people want to travel quickly; others

THE MINNESOTA APPLE.

The royal apple, king of fruits, is destined to add Minnesota to the most flourishing of his dominions. If any one doubts it, let him go to the state fair and see the superb exhibit in the agricultural building. In the early days of Minnesota the experiments in apple-raising turned out so badly that it came to be generally believed that the extreme cold of our winter climate was an obstacle to success which could not be overcome. But there were enthusiastic fruit raisers who never lost their faith in the capacity of our climate for apple raising. The problem was one of acclimation. Hardy stocks from Northern climates closely resembling our own were sought after. After years of careful cultivation by all the processes known to the skillful and experienced fruit grower, varieties of apples have been developed in Minnesota which are thoroughly adapted to the climate, and which have no superiors anywhere in richness and flavor. Orchards laden with their autumnal wealth of golden fruitage have sprung up in all parts of Southern and Central Minnesota. If the killing frosts of May had not made havoc with the apple crop this year in the blossoming period, these orchards would probably have produced millions of bushels of apples. As it is, only a quarter of a million bushels escaped the desolating effects of that early frost, succeeding a warm period which had forced the trees into premature blossom. But the success of our fruit raisers in apple growing is now so well assured as to leave no doubt that Minnesota is to be one of the apple states. True to the law that the cultivated plants come to perfection only near the northernmost limits of their growth, the Minnesota apple is richer and juicier than that grown in more southern latitudes. Its superior quality, like our hard spring wheat, will make it sought after in every market. In a few years our own orchards will yield a crop large enough for the domestic consumption of our own people. But the Minnesota apple is a delicacy which the discriminating taste of the purveyors will not permit to be mobbed up with the common herd of apples and cast into the common market to be hawked about at the stock quotations. It is to be the apple of the future—the aristocrat of all the royal pomological family.

9/15 Pioneer Press Ed.

Editorial.

10.24.1900
Pioneer Press

SUNDAY TIMES, SUNDAY MORNING.

HORTICULTURE IN MINNESOTA.

The semi-annual meetings of the State Horticultural society, one of them occurring in midwinter and the other in midsummer, are very important events. Their value is not based solely upon the exhibit of fruits made upon those occasions, although every apple or strawberry is an object lesson, but rather upon the intelligent discussion of the topics presented by those veterans in the science of fruit raising to whom we are largely indebted for the domestic fruits that grace our tables and please our palates. The discovery that the soil of Minnesota was adapted to wheat raising was made as early as 1822, when the troops stationed at Fort Snelling sowed and reaped a harvest on the site of Minneapolis. The first attempts at cultivating corn in this latitude surprised the men who planted it. They expected that under extremely favorable conditions they might get a few ears as a recompense for the toil and money expended but were not prepared for the bountiful returns which filled their corn cribs and fattened their pigs. Every little grove at that time had its outlying straggling orchard of wild plums. The meadows were bright with cranberries and the woods blue with huckleberries. Strawberries were everywhere. Raspberries and blackberries were in evidence on almost all the hillsides in the north central part of the state and wild grapes in abundance rewarded those who sought them.

These were the fruits indigenous to the soil and for several years after Minnesota had become a territory and even up to the time that she took on the prerogative of a state most of her citizens supposed that these wild fruits were all that could be raised here.

A few adventurous nurserymen to whom the solution of a problem in fruit raising was sufficient compensation for all the time and money lost while making the experiments were confident that apples would thrive here. They made the venture and at first met with little else than failures. Most of the trees were winter killed and those that survived the cold succumbed to the attacks of insects. Every one of those experimenters had to work out individually the salvation of his own orchard, because he had no precedent to base any conclusions upon. They were in a new country and encountering difficulties that writers for eastern horticultural magazines had never known. Hence when they did succeed, as they did eventually, in raising as fine apples as are to be found anywhere in the United States, they were entitled to all the credit that belongs to discoverers. Coincident with the culture of apples came experiments with other fruits. Cultivated strawberries replaced the wild ones on their tables. New varieties of raspberries thrived on every farm and grapes—thirty and forty kinds—perfumed and colored the hillsides. Today there is not a county in the state which is not distinguished for some especially fine home grown fruit that commands a premium at the meetings of the horticultural society and at the state fair.

Nearly every farmer's wife "puts up" enough fruit out of her own orchard to last through the season and in all the counties south of Stearns thousands of bushels of delicious fruits are every year marketed and yield the orchardists good prices. Northern grown fruits are noted for their delicious flavor and northern grown seeds for their hardiness.

The members of the State Horticultural society may justly be considered public benefactors inasmuch as they have made it possible for us to enjoy so many fruits "in due season" all grown within our own borders.

Pioneer Press

APPLE-GROWING IN MINNESOTA.

Apples, apples, apples! Apples rosy-cheeked and golden, green, russet and amber streaked with flame! Apples of all sizes, from the tiny, spicy crab up to the glorious Wolf River seedling, fourteen and a half inches in circumference and weighing seventeen and a half ounces! Three thousand plates of apples of perhaps three hundred varieties, and all the product of Minnesota orchards. Such was the "apple show" at the state fair just closed; and that the exhibit was not larger was due to the simple fact that there was no room for more.

Contrast this splendid showing with the first exhibition of Minnesota-grown apples, made at the state fair in Rochester in 1866, when there were just twenty-seven plates shown, and one may form some conception of the progress made. But the history of apple-raising in our state has been one of a constant succession of difficulties met and overcome, expensive disappointments and final victories. Some of the pioneers in the business, who set out orchards in the early fifties, were on the fair grounds last week, contributing to the display of fruit and receiving the congratulations due to men who have fought a noble fight and won, at last, a noble victory. How signal their victory may be judged from the estimate made by Secretary A. W. Latham, of our state horticultural society, that half a million bushels of Minnesota apples will be marketed this year. To Secretary Latham, by the way, the Pioneer Press is indebted for much of the information contained in this article.

Prominent among the pioneers referred to is John S. Harris of La Crescent, who contributed eighteen out of the twenty-seven plates of apples referred to above as exhibited at the state fair in Rochester in 1866, and took all the first premiums, amounting to $5. I. W. Rollins contributed six plates and took the remainder of the prize money—$2.50—while William Somerville—another pioneer orchardist who was present at the fair just closed—contributed three plates and got no prize. This year Mr. Harris exhibited over one hundred varieties of his own origination, besides a "sweepstake" exhibit of 200 varieties grown by himself and his neighbors. Against the $5 in premiums taken by him in 1866, he has this year taken $111.50.

The early history of Mr. Harris' enterprise is the counterpart of that of most of the Minnesota pioneers in apple-raising. They began by setting out trees brought from the East, which they "knew all about," and were therefore confident of bringing to a profitable maturity. But alas! the old, familiar varieties somehow would not thrive in our cold, dry climate. They died out, and money and time were wasted. Of Mr. Harris' original orchard only a single tree survived, and that not the original stem, but a new shoot which sprang from the old root of a Westfield Seek-no-Further. Then he and others like him had recourse to seed planting. The varieties now successfully grown in Minnesota have nearly all come from seedlings. Among them are the incomparable Wealthy and the popular Okabena. Concurrently with the growing of seedlings, experiments were made with a number of varieties of trees imported from Russia, in the belief that an alleged similarity of climate would make them successful here. Not all of these succeeded, however, although several have done well, notably the popular Duchess of Oldenberg. The inpour of population from Sweden and Norway naturally induced experiments with Scandinavian varieties. Some few of these also proved adapted to Minnesota conditions, and as an example it may be mentioned that the Peterson orchard at Waconia is mainly composed of Scandinavian trees. But after all has been said that can be said of these various importations, it remains that the varieties which have been found most profitable here are those which have originated as seedlings on Minnesota soil. It is far easier to originate a home variety than to acclimate one from another region. How costly the experimentation through which these conclusions have been reached, and how great the obligation of Minnesota to its pioneers in pomology, may be imagined from the statement of Mr. Harris that on his forty-acre farm at La Crescent he has spent between $15,000 and $20,000 in testing varieties of apples and modes of cultivation.

But a small number of successful apple orchards are found in our state north of the latitude of the Twin Cities. Southern Minnesota affords the most favorable field. The greatest successes are obtained in a hilly or rolling country, on clayey soils with a limestone foundation. Apples grown in a limestone region are found to keep longer and to "color up" better than others. A sandy soil is to be avoided; usually, also, a prairie location; though there are not lacking some few instances of successful orchards on the prairies.

It has been a popular misconception that the main difficulty with which Minnesota orchardists have had to contend is the coldness of our winters, the frost killing the trees. This Secretary Latham declares to be a mistake. It isn't the cold, but the extreme dryness of our atmosphere in winter, the dry air drawing the moisture from around the roots of the trees to a surprising depth. This difficulty is now fought by liberal mulching; by growing a crop of clover in the orchard and allowing it to remain on the ground as a mulch; by shallow plowing, which provides a "dust mulch." Hope is also expressed that an effective remedy may be found in a system of "underground irrigation"—the laying of lines of drain-tile at suitable depths in the orchard and filling these in dry seasons from some convenient stream or tank, thus supplying moisture at a point where it cannot be readily sucked up by the dry air. Some compensation is found for the dryness of our Minnesota atmosphere in the fact that here insect pests are far less troublesome to the pomologist than in most other states.

And now the vital question: Does apple-growing "pay" in Minnesota? Let D. K. Mitchener, a prosperous farmer at Spring Valley, be heard! He has a farm of about 320 acres in a fine state of culti-

vation. Forty acres are given to an apple orchard, half Duchess and half assorted varieties, including, of course, the Wealthy. He has declared that, selling his apples at 25 cents a bushel (unbarreled), he can make more money on them than on any other crop—that his forty-acre orchard pays him better than any other portion of his farm. John S. Harris thinks there is an excellent profit in apples at 75 cents per barrel (barrels not included). J. T. Grimes, a farmer near Minneapolis, has this year marketed 1,365 barrels of Transcendent crabapples at 50 cents per barrel, delivered in barrels at the orchard, the customer furnishing the barrels, and the deal is looked upon as a very profitable one.

Minnesota orchardists now claim that they can successfully compete with Southern and Eastern shippers for Minnesota and other markets, and give a better article for the money. The exhibit at the fair last week certainly justifies the claim. They are learning how to provide, by association, against over-shipments and glutted markets at given points. One fruit-shippers' association, composed of orchardists north of Lake Minnetonka, has already this season handled about $25,000 worth of fruit. Other associations of a similar character exist, which will become more and more useful as large and successful orchards multiply, the difficulty now lying in the fact that such orchards are now too far apart. But it is to the small grower that association would seem to offer the plainest advantage. To him the most frequent disappointment comes because he has not enough fruit to ship in the most economical way, whereas, by combining with neighbors similarly situated, he gains practically all the advantages of the large grower.

The growth of apple-raising in our state has been powerfully stimulated by the operations of the Minnesota State Horticultural society. That society had its beginning with the exhibition of the twenty-seven plates of apples at Rochester in 1866. It now numbers 800 members—more than any other society of like character in the United States. The state experiment farm works in co-operation with this society, but the latter has also several experiment stations of its own. The society membership is full of enthusiasm for its work, and the organization is doing incalculable good in pointing the way to success for all Minnesota farmers who would try their fortune at fruit-raising. It distributes valuable reports and other papers, holds interesting meetings, teaches the best methods of cultivation, packing and marketing, saves those who keep in touch with it from costly mistakes. By the way, it is to be noted that the up-to-date Minnesota orchardist no longer "shakes" his apple tree, any more than he does his plum tree. The political simile of "shaking the plum tree" belongs to a decadent stage of politics, just as shaking the tree in an orchard belongs to a past era in fruit-growing. The modern orchardist plucks his fruit by hand and carefully grades it, just as modern statesmanship selects and grades its officials by civil service methods.

1902

The great need of Minnesota orchardists is found to be a first-class winter apple—one as good as the Wealthy, and one which will "keep." The Wealthy will not keep beyond January, and the tree has an unfortunate habit of overbearing, so that it is short-lived. To stimulate the discovery of a variety as good as the Wealthy without its deficiencies, and equally well adapted to our climate, the society offers a reward of $1,000 to the discoverer. The production of such a variety would be of more value than a gold mine to our state.

Place ST. PAUL Minn.

Paper [illegible]

Date JUN 1 9 1902

STRAWBERRIES AND ROSES.

Subjects Discussed at Meeting of State Horticultural Society.

The summer meeting of the Minnesota State Horticultural society was held today at the state experimental station, St. Anthony Park. Theb usiness session was followed by a basket lunch at the armory, and the examination of the farm gardens. Papers on the cultivation of strawberries were read by B. T. Hoyt of Hamline, William Lyons of Minneapolis, O. C. Gregg of Lynd, Prof. S. E. Gregg and Prof. F. L. Washburn of the state agricultural school. J. M. Underwood of Lake City read a paper on the cultivation of roses.

The women's auxiliary of the horticultural society held a meeting at the same time, and papers were read on the "Object of Village Improvement" by the president, Miss Emma V. White of Minneapolis and Mrs. Anna B. Underwood of Lake City, the secretary. The

Place Emmons Minn.

Paper Leader

Date JUN 26 1902

HORTICULTURISTS MEET.

State Society Holds Its Annual Meeting at the State Farm.

More than 300 horticulturalists, from all parts of the state, attended the summer meeting of the Minnesota State Horticultural society at the state experimental farm, St. Anthony Park. A large assortment of garden flowers, hothouse roses, strawberries and other early spring fruits and flowers were displayed. The morning was devoted to the arrangement of the exhibits and to awarding prizes. There were over 150 plates of strawberries on exhibition, representing every variety that it is possible to raise in Minnesota. F. F. Farrar, principal of the public school at White Bear, won the greatest number of first prizes. It is said that his display was the best ever shown at a meeting of the horticulturalists. William Lyon of Minneapolis also had a large exhibit. More than $100 was distributed in prizes.

J. M. Underwood of Lake City had fifty varieties of roses on exhibition. He took all the premiums in the classes which he entered. Mrs. Eves of Minnehaha Park had the only display of sweet peas.

At noon a picnic lunch was served in the armory. Preceding the luncheon a short business session was held at which William Lyons, Minneapolis; A. J. Phillips, Wisconsin, and W. W. Pendergast of Hutchinson were elected life members of the society. Papers and addresses were delivered at the afternoon session. O. C. Gregg, state superintendent of farmers' institute work; B. T. Hoyt, Hamline; William Lyons, Minneapolis; Prof. F. L. Washburn and Prof. S. B. Green talked on strawberries and successful methods of cultivating the fruit. The address of the afternoon was delivered by J. M. Underwood of Lake City, who spoke on "The Cultivation of Roses."

Paper [illegible]

Date [illegible]

Home Grown Apples.

The fine display of fruit at the country fair demonstrates that Todd county is well adapted to fruit culture, especially apples.

One of the best foundations for an apple orchard is just east of the city at the home farm of August Logering. Mr. Logering carries on farming in a general way but as a side line and recreation, spends a part of his time at horticulture, and in the line of small fruits he finds good profits.

The first step in this direction is to become a member of the State Horticultural Society and then to follow their methods. He has chosen the lay of land, soil, methods of culture, varieties and kinds suggested by this society, and has been more than repaid for his trouble.

He has several hundred trees of the following varieties: Wealthy, Hibernal, Wolf River, Peerless, Greening, Hyslop and other small varieties that are bearing fruit of the finest quality.

Mr. Logering is not asking anyone to buy trees and to those who are just starting or making an effort to grow fruit he is ever ready and willing to impart information for their benefit, but when he finds a man trimming a tree improperly —well he just gives him fits and explains the proper way to care for young trees. When he has let any shrubbery or trees go it was at prices much below what nursery men charge for trees that are not acclimated and will not grow or bear fruit in this section.

It would interest anyone to talk with Mr Logering on this subject. No one could do more in this line to benefit the county than he is doing, and the trees thus fostered will stand as monuments to his industry and skill.

EXCHANGE IDEAS AND EAT STRAWBERRIES

More Than Three Hundred Attend Meeting of State Horticultural Society at Experimental Farm—Fine Displays of Early Small Fruits and Fragrant Flowers.

Pioneer Press
June 26-1902



—By a Staff Photographer.

AT THE MEETING OF THE HORTICULTURAL SOCIETY.

1—President W. W. Prendergast, Hutchinson. 2—Group of members of the society. 3—Exhibit of flowers. 4—J. T. Grimes, Minneapolis, one of the veteran members.

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Three New Life Members.

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"The first requisite for the successful cultivation of roses is plenty of sunlight. It will not do to plant them in a shaded place for the sun is needed to warm the soil and stimulate the root system, it is needed to ripen the wood for the long sleep of winter and in blossoming-time to furnish the warmth that distills the delicate perfume and to impart the beauty of coloring.

Roses Need Water.

"The most important requirement is moisture. This can only be made certain by some provision for irrigating the ground during the dry periods. It can be taken from the water system of the town, or a good, cheap plan is to have a tank or reservoir filled from a well by a windmill. Water should be applied by thoroughly soaking the ground so that it is full of moisture. When in bloom the blossoms should not be showered too much, but the water should run on the ground in little ditches from one bush to another until it has taken up all that it will. The time to irrigate is before the ground is dry and suffering from thirst. Do not spray the surface of the ground and imagine that the roots have had enough.

"The ideal soil for roses is a good, rich clay loam. They will do well in sandy soil if a little clay and plenty of rich manure is mixed with it, and then generously watered. They will not do well in a hard clay that is impervious to water, or in gravel that drains it all away.

"Cultivation is important for it helps to stimulate the action of the roots by quickly imparting to them the food and drink that are applied to the ground. After fertilizers are applied they should be cultivated in, and when the ground is irrigated it should be allowed to dry a little on the surface and then stirred to make it fine and loose, so as to prevent evaporation and drying out. Surface cultivation should be given the ground at least once a week from the time the bushes are uncovered until October.

"In late fall, before severe freezing weather sets in, choose a dry time to cover the bushes. See that the ground is thoroughly wet so that the roots will not dry out during the winter, for it will be a long time before they will have another chance to take a drink.

"The best time to plant is in early spring before the bushes have started to grow. If they are on their own roots they should be set two to three inches deeper than they grew in the nursery. If they are budded roses they should be set four to six inches deeper. Bank the roots in thick mud before planting and set them firm. Keep all old or dead branches cut, and with budded roses be sure to keep all sprouts from the roots cut back deep in the ground, or they will take all growth from the top and cause it to dwarf and die. In the spring prune the tops back to about four feet and cut off all the tops that look black or dry.

How to Avoid Disease.

"As in everything else the old saying, 'an ounce of prevention is worth a pound of cure,' holds good with rose cultivation. The best way to prevent disease in rose bushes is to give them good cultivation and do all that is necessary to secure a strong, vigorous growth. Disease always attacks the weak more quickly than the strong; and with outdoor roses this is the most that can be done. Insects of all varieties prey upon the rose bush, and they must be guarded against constantly."

A meeting of the woman's auxiliary was held in the armory at 2 o'clock, at which questions of importance to women horticulturalists were informally discussed. About sixty women attended the meeting. The auxiliary now has a membership of forty.

Mpls Times June 20-02.

GROUP OF MINNESOTA HORTICULTURISTS.
Photographed by The Times Staff Photographer.



In the lower row, beginning at the left, are: C. M. Loring of Minneapolis, J. R. Cummins of Eden Prairie, J. M. Underwood of Lake City, President W. W. Pendergast of Hutchinson, O. C. Gregg of Lyon county, and H. H. Heims of Lydia, Scott county.

In the upper row, beginning at the left, are: C. B. Waldron, professor of horticulture and forestry in the North Dakota Agricultural college; T. T. Smith of St. Paul, Secretary A. W. Latham of Minneapolis, Professor Shaw of the state experiment farm, O. M. Lord of Minnesota City, and A. J. Phillips of West Salem, Wis.

Midsummer Meeting of the State Society Is Marked by Large Attendance and Liberal Exhibits.

With an attendance of 400, ideal weather and a most cordial reception, the summer semi-annual meeting of the State Horticultural society, held yesterday at the Minnesota agricultural school, was a most decided success in every particular.

The first delegation was conveyed in a carry-all from the electric car line to the drill hall at 9:30, and others continued to arrive up till 2 in the afternoon.

Guides had been provided by the faculty of the school to show the guests about the buildings and the now so beautiful grounds surrounding the institution.

A part of the morning was also devoted to viewing the different exhibits of flowers, early vegetables and strawberries.

Of roses alone, Mr. Underwood of the Jewell nursery, Lake City, had thirty-five different kinds on exhibition, and at the close of the afternoon meeting the attendants were allowed to help themselves to these loveliest of all June flowers.

One of the rooms of the drill hall was converted into a temporary dining-room, where a sumptuous dinner was served to the guests in an informal fashion.

Strawberries, prize fruit at that, was the dish par excellence. Cream was furnished from the school's dairy hall, and cakes, pies and sandwiches were brought by the ladies who lived conveniently near.

This meeting might be termed a strawberry meeting for the afternoon's speeches were confined almost wholly to this topic.

"Growing Pedigree Strawberries" was the subject ably presented by B. T. Hoyt of Merriam Park.

A paper on "Culture of Strawberries," by William Lyons, 2924 Clinton avenue, Minneapolis, was read by his daughter, as Mr. Lyons' voice was not in proper condition. The writer favored the countess and crescent varieties for Minnesota soil and climate.

Superintendent C. C. Gregg of the experimental substation at Lind, Minn., but better known as conductor of farmers' institutes, dealt with the subject, "Strawberries on the Prairie," and Professor S. B. Green of the St. Anthony school spoke of "Strawberries on the Station."

Professor F. L. Washburn of the agricultural school spoke briefly upon "The Worth of Economic Entomology."

Cultivation of Roses.

The paper that was the most enthusiastically received was read by J. N. Underwood of Lake City, upon the topic of "Roses."

"Sunlight and plenty of water are the two essentials for successful rose culture.

"Do not insult the shrub," said Mr. Underwood, "by putting it in the shade. Sunlight is essential to give it its color."

Andrew J. Phillips, Salem; Wm. Lyons, 2924 Clinton avenue, Minneapolis, and the president, W. M. Pendergast of Hutchinson, were made life members of the horticultural society.

Votes of thanks were accorded Mr. Underwood and the other speakers who took part in the afternoon's program.

The local people who helped to entertain the society and the educators who have made this school the best of its kind were also remembered by an expression of thanks.

A. W. Latham, Minneapolis, was complimented upon his work as secretary of the society.

Several new names were enrolled during the afternoon, bringing the membership up to 2,000.

One hundred and ninety-five entries were made in the exhibit, of which 150 were strawberries, and 40 roses, and $98.25 was distributed as cash prizes.

Among the list of winners were the following, and with the exception of the Jewell Nursery company, that entered roses, and three Minneapolis people, who entered mushrooms, the entries were principally strawberries:

Prize Winners.

H. H. Pond, Bloomington	$ .75
Thomas Redpath, Long Lake	3.75
S. R. States, Long Lake	6.50
G. W. Sand, Taylor's Falls	1.50
Mrs. F. H. Gibbs, Pescott, Wis.	1.50
John Cummings, Eden Prairie	2.25
Arthur Brackett, Excelsior	1.50
Lake City Jewel Nursery Co.	25.00
H. W. Sheuman, Excelsior	7.5.
R. A. Vright, Excelsior	2.00
W. L. Parker, Farmington	8.25
William Lyons, Minneapolis	8.00
B. F. Hoyt, Merriam Park	2.50
A. P. Yung, Merriam Park	3.00
A. E. Hawkins, Cowen	3.25
F. F. Barrar, White Bear	13.75
H. F. Bisbee, Hamline	2.00
Mrs. Chimberlain, Minneapolis	2.00
Mrs. A. E. Teal, Minneapolis	1.00
Dr. M. Thetstone, Minneapolis	2.00

The last three won mushroom prizes.

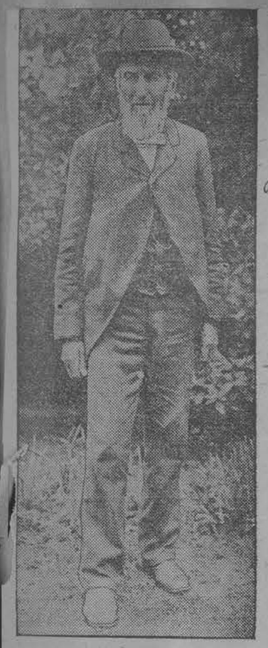
After the adjournment of the meeting, the ladies' auxiliary met in one of the siderooms, to discuss the work to be done in the way of rural improvement among women at the next state fair.

Ladies' Auxiliary Talks Over the Work to Be Done in the Way of Rural Improvements at the Fair.

W. S. COWEN.



One of the organizers of the Minnesota Horticultural society and famous for his annual sugaring-off parties at his place at Excelsior, Lake Minnetonka. Mr. Cowen has lived forty-nine years in Minnesota and has tested the soil of his section of the state with many crops. He has been very successful in the culture of berries.



H. H. HEINS,

A Scott county horticulturist, who is an enthusiast in the culture of apples. Mr. Heins is a frequent exhibitor of hardy Minnesota-grown apples and a firm believer in the North Star state as an apple state. His farm is near Lydia.

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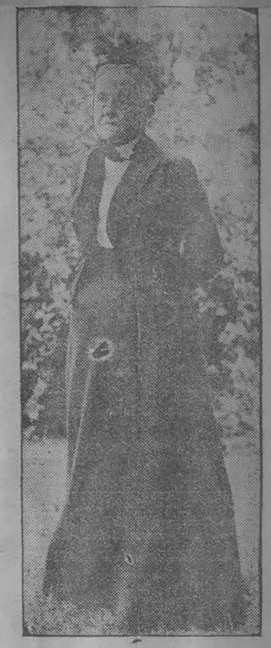
MRS. HARRIET A. EVES,

Well known among horticulturists for her success with sweet peas. Mrs. Eves, who grows her sweet peas on a small place at Minnehaha Park, is a familiar figure on the Minneapolis market, whither she had driven at 4 o'clock on the morning of Thursday, and afterward attended the session of the society at St. Anthony Park.



E. POND,

A Bloomington, Hennepin county farmer and grower of berries and fruits. Mr. Pond is a son of G. H. Pond and a nephew of Samuel Pond, the pioneer agriculturist of Minnesota.



MRS. D. F. AIKIN,

Of Farmington, whose exhibit of garden roses in the Armory on Thursday won much admiration. Mrs. Aikin has always ably seconded her husband in his progressive and successful efforts in horticulture.

MINNEAPOLIS, MINN.
TIMES
DATE JUL 14 1902

FRUIT EXHIBIT PROMISES WELL

Officers of Horticultural Division of the Fair Look for Large Display.

Visitors from other states, who visit the state fair, are ordinarily very much surprised at the exhibit of fruit which they find in the horticultural department. For Minnesota has the reputation, among people living further south, of being a state where most fruit can not be raised. Such displays as have been made in recent years by the large growers of apples in Minnesota have demonstrated not only the possibility of growing apples here, but that apples are growing, and in good quantity.

Much of the success of the Minnesota fruit growers is due to the encouragement of and educational work done by the Minnesota State Horticultural society; and it is now a fact, surprising as it may seem, that this society is the largest state horticultural society in the country.

The horticultural division at the Minnesota state fair is in charge of J. M. Underwood of Lake City, a prominent member of the board of managers, and his assistant is A. W. Latham of Minneapolis, who is also secretary of the State Horticultural society. In speaking of the prospects of the fruit exhibit at the coming state fair, Mr. Latham said yesterday:

"The extent and the quality of the exhibition of fruit at the coming annual state fair in our state depends in large measure upon the character of the fruit crop here. While in years when the apple crop of Minnesota has been light the fruit exhibit has been a creditable one, this has been brought about only as the result of a large amount of hustling by the management.

"This year, fortunately, the situation is very different. While a few orchards that had received extra cultivation and care, and occasional trees, bore a fair crop last year, the great bulk of bearing apple trees produced a very light crop of fruit last season, which makes this the bearing year for the orchards of Minnesota—and the present condition of the orchards bears out this statement. From all parts of the apple producing areas of the state reports indicate a very fine crop of this fruit.

"The plum crop in the state is unfortunately a light one, probably on account of the continuous wet weather prevailing at the time of the blossoming of this fruit. Plums, it is believed, are largely fertilized by the operations of insects, which in wet weather are apt to be safely housed. What plums are ripened, however, on account of the lightness of the yield, will be of unusual size, color and quality, and the loyalty of the members of the state horticultural society, which stands behind this exhibit, will insure a creditable display, even in this fruit.

"As to grapes, the yield this year is up to the best, and a beautiful exhibit may be looked for.

"For some years now mushrooms have occupied a prominent place in the horticultural hall, and the value of this display is fully appreciated by the management, as is shown in an increase of 25 per cent in the amount of premium offered for it."

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Among the various conventions and society meetings of which the fall and winter months are so prolific, that of the Minnesota Horticultural Society, which occurs next week, must not be overlooked. Minnesota is developing as a fruit state more rapidly than people not familiar with the capabilities of our soil and climate in this line would be inclined to credit. It is only necessary to let the truth be known to insure the investment of an increasing amount of labor and capital in this branch of agriculture.

MINNEAPOLIS, MINN.
TIMES
DATE DEC 2 1902

HORTICULTURISTS ARE COMING

First Session of Annual Conference Will Be Held at Plymouth Church, This Morning.

The first session of the annual convention of the State Horticultural Society will be held this morning in Plymouth church. The States Forestry Association, Minnesota Bee Keepers' Association and the Women's Auxiliary will also hold sessions.

W. W. Pendergast, president of the society, with about thirty other members, arrived last night. The president in speaking of the coming convention said: "Of course, we expect to have a good convention this year and one that will be highly profitable to the horticultural interests of the state. We have about 250 more members this year than we had last.

"These conventions are more of a necessity to the fruit interests of this state than is generally supposed. The reports of our proceedings are used extensively throughout the state, as they represent the actual experience of fruit growers in this state, where the conditions are different than in any other section."

The topic for today will be "Small Fruits." The morning session will open at 9:30, and President Pendergast will deliver his address of welcome. Papers will also be read by F. J. Cowles, of West Concord; B. A. Seelye, of Preston; R. A. Wright, of Eureka; D. B. Plants, of Long Lake; Frank B. White, of Chicago; C. A. Sargent, of Red Wing, and Professor William Robertson, of St. Anthony Park.

The topic for consideration at the afternoon session will be "Apples." About a dozen papers will be read on the subject.

GROWERS OF FRUIT IN A CONVENTION

Tribune Nov 24 1902

Elaborate Exhibit Will Be Made by the State Horticultural Society --Meeting Next Week

The thirty-sixth annual meeting of the State Horticultural society will be held at Plymouth church beginning a week from to-morrow.

In connection there will be meetings of the Minnesota Bee-keepers' association, the State Forestry association and the Woman's auxiliary.

A special effort will be made to secure a full exhibit of all the long keeping seeding apples of merit originating in this state, and to this end premiums have been offered. Aside from this the usual large display of fruits will be made.

The annual election of officers will be held Thursday afternoon and in the evening the annual society banquet will be given by Farm, Stock and Home for the benefit of the John S. Harris memorial tablet fund.

On Wednesday forenoon Mrs. C. M. Loring will give a reception at her home, 102 Clifton avenue, to the wives of the members of the society.

The feature of the first meeting on Tuesday will be the address of President W. W. Pendergast, of Hutchinson.

W. W. PENDERGAST,



President of the State Horticultural Society.

MINNEAPOLIS, MINN.
JOURNAL
DATE DEC -2 1902

SMALL FRUIT DAY

Horticulturists of State Spend Day in Discussing Problems of Smal Fruit Growers.

Methods of Packing—Barrels Considered Too Large for Apples —The Best Advertising.

"Small Fruits" were discussed this morning at the opening session of the thirty-sixth annual meeting of the Minnesota State Horticultural Society at Plymouth Congregational church. One hundred and fifty members were present.

The report of the committee on "Fruit Packages" was read by Chairman R. A. Wright of Eureka. It urged that all fruit be packed honestly in clean, new packages. Second-hand boxes, he said, had been prohibited by legal enactment in some states. Such packages were likely to make the fruit unwholesome. Strawberries, currants, etc., should be packed in crates holding sixteen to twenty boxes. A raspberry crate should hold twenty-four boxes, a crate of plums four boxes. Instead of barrels for apples the committee recommended the standard apple box used in California and British Columbia. This box is 10½x11½ inches and contains one full bushel. The boxes are packed tightly, so that they cannot be bruised by jolting.

"Strawberries for the Farmer," said Professor William Robertson, of the state nouncements. The grower should sedu- varieties: The Splendid, the Bederwood, the Warfield, the Lovett and the Crescent. They should be planted eighteen inches apart in rows that are four feet apart. As soon as winter has well begun the plants should be "mulched" to the depth of a foot with clean wheat straw. In the spring part only of the mulching should be raked off, leaving a liberal supply upon the vines. The straw so retained prevents the growth of weeds and will keep the berry bed clean.

White Talks Advertising

The daily newspapers, especially the local newspapers, are the best medium for advertising, in the opinion of Frank B. White, an advertising expert from Chicago. His subject was "Practical Advertising for Fruit Growers." He declared that the grower could not take too much care in packing his fruit with entire honesty and in the most attractive fashion. Then he should announce, through newspaper advertisements, what he had to sell. He should also fix the price himself and not let others fix it for him. But in addition to newspaper advertisements he should prepare a "booklet" or circular. This he should send at once to every inquirer attracted by the newspaper announcements. The growers should sedulously seek the business of each inquirer. Then his business would expand in endless-chain fashion.

In an informal discussion just before the noon adjournment, A. J. Phillips of West Salem, Wis., called upon the horticulturists to raise fruit for their children's sake. Mr. Phillips had taught school, and he noticed that pupils that lived on meat were always more quarrelsome than those that absorbed sweetness with their hourly apple.

Apples on Exhibition

Such peacemaking apples were to be seen this morning in a room adjoining the Plymouth lecture room at the annual exhibition of the horticultural society. Apples made most of the exhibition, although a few grapes were shown. Many of the apples could not be surpassed in size or beauty by the product of any eastern state.

The apple was considered from ten points of view by as many speakers this afternoon. The horticulturists will finally adjourn Friday.

The Woman's Auxiliary.

Mrs. C. M. Loring will give a morning reception to-morrow to the members of the Woman's Auxiliary of the Minnesota Horticultural society and to the wives of the society members. The hours will be from 10 to 12 and there will be short speeches by Miss Margaret J. Evans, Professor Maria L. Sanford and Mrs. A. H. Brackett.

NEAPOLIS, MINN.
TIMES
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GATHER T OF HORT

A. W. LATHAM,



Secretary of the State Horticultural Society.

O TALK TIC URE

State Bee and Forestry Experts Convene in Annual Session in the Plymouth Church.

The annual convention of the Minnesota Horticultural society opens in this city to-day in the Plymouth church. The State Beekeepers' association, the State Forestry association and the Woman's auxiliary will convene jointly with the horticulturists.

Reduced rates on all railroads have been secured and it is expected that between 300 and 400 will be in attendance, at least 200 of whom will come from out of town.

The horticultural exhibit contains 700 plates of fruit, on each of which are four specimens. There are 100 varieties. Most of these are entered in competition for prizes aggregating $175.

A number of new winter seedling will also be exhibited. The largest number of these fruits comes from the seedling orchards of A. B. Lyman, Excelsior, and T. E. Perkins, Red Wing.

The horticultural society now has 1,200 members, many of whom live in other states. The membership is constantly increasing. A gain of 250 is reported over last year by Secretary A. W. Latham.

It is generally admitted that the Minnesota society is the most successful and its annual convention and exhibit the largest and most complete of any in the west.

MINNEAPOLIS, MINN.
JOURNAL
DEC -3 1902
DATE

A SPROUTING SEED

An Experiment in Apple Growing That Produced Startling, but Satisfactory Results.

Where the Seedling Apples on Exhibition at Horticulturists' Meeting Came From.

A peculiar freak of nature, the sprouting of an apple seed while still in the fruit, was primarily responsible for the appearance of seventy-five varieties of seedlings at the present meeting of the state horticultural society.

The story of the culture of these seedlings reads almost like a romance. Nine years ago, while Mrs. Timothy E. Perkins, who, with her husband and family, lives five miles from Red Wing in Goodhue county, was preparing apples of the Melinda variety for cooking, she came across a seed that had sprouted. The fancy took her to give it the chance for which it seemed to be aiming, so she laid it aside with those from the other apples, all Melindas, and when spring arrived planted all of them in a corner of the garden, hoping they would sprout.

They sprouted, and in time the trees were large enough to transplant and were duly set out. A healthy orchard containing about 100 trees was the result. They were so long in coming into the bearing bearing period that Mr. Perkins was on the point several times of cutting them down, but his wife's faith in the success of her experiment stayed his hand.

Three years ago the first fruit appeared and now, with a few exceptions, all the trees yield abundantly. One of them, in fact, is a remarkable producer, being credited with four barrels full at the last picking.

The fact that the trees flourished is indisputable. But that is not the remarkable feature of the experiment. Although all the seeds came from Melinda apples, not one of them resembles the "mother" fruit except in shape, and this resemblance is only found in one or two examples. There are seventy-five varieties on exhibition, all of them from different trees. All are very beautifully colored, but no two lots are alike. The product of each tree is distinct from those of the others. Most of these seedlings have been tested in a cold storage house to try their keeping qualities, and about half of them stood the test and will be good winter apples.

MINNESOTA APPLE TREES

Which Are the Most Successful Kind? the Question.

The men and women gathered at Plymouth church yesterday at the meeting of the State Horticultural society learned that apple trees grown from trees born in this state were always the most successful except when they were not. The relative importance of the exceptions was investigated in the following papers:

"My Seed Orchard," T. E. Perkins, Red Wing; "Nature's Aid in Producing Apples Adapted to the Climate," Frank Yahnke, Winona; "Can We Raise the Winter Apple, and How?" F. W. Kimball, Austin; "The Propagation of the Winter Apple in Minnesota Should be Encouraged," A. H. Reed, Glencoe; "The Future of the Apple in Minnesota," G. L. Taylor, Howard Lake; "Winter Killing Can be Prevented," Andrew Wilford, Cleveland; "Apple Experimentation at the Minnesota Experiment Station," Professor S. B. Green; "Random Thoughts," T. T. Bacheller, Minneapolis; "Encouraging Words From Manitoba," Thompas Franklin, Stonewall, Man.; "Horticulture—Its Place on the Farm," George W. Sirand, Taylors Falls.

Committees were named as follows:

President's Address—Oliver Gibbs, Prescott, Wis.; John Foreman, Austin; D. T. Wheaton, Morris.

Obituary—De Wayne Cook, Jeffers; F. J. Harris, La Crescent; A. D. Leach, Excelsior.

Final Resolutions—H. H. Pond, Bloomington; Alfred Terry, Slayton; R. A. Wright, Eureka.

Credentials—W. L. Taylor, Howard Lake; Martin Penning, Sleepy Eye; Frank Yahnke, Winona.

Committees on awards:

Apples in Cold Storage—O. M. Lord, Minnesota City.

Apples Not in Cold Storage—Clarence Wedge, Albert Lea.

Seedlings—Wyman Elliot, Minneapolis.

Grapes—A. A. Rest, Excelsior.

Flowers—A. A. Kennedy, Hutchinson.

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JONATHAN TAYLOR GRIMES,

The oldest horticulturist in Minnesota, resides at 3309 Nicollet avenue, Minneapolis. He is in his 85th year, but is still an active participant in all the sessions, and often in the exhibits, of the society. He was president of the society for several consecutive years.



DR. MARY S. WHETSTONE,

President of the Mushroom club and an active member of the Horticultural society. Dr. Whetstone exhibited a score or more varieties of mushrooms on Thursday, and she has succeeded in arousing a considerable interest among members of the ladies' auxiliary to the society in the native mushrooms.



R. L. BAILIFF,

Of Bloomington township, Hennepin county, has lived his entire lifetime—fifty-five years—in Minnesota. He was born at St. Anthony in 1847. Since he was old enough to work he has tilled the soil of Minnesota, and is now one of the best known farmers and horticulturists in his county. He is a grower of farm crops as well as of strawberries and raspberries.

Place Minona Minn.

Paper Independent

Date July 16-02

FRUIT AT STATE FAIR

Officers of Horticultural Division Expect Large Display.

Lake City Man to be at Head of Department.

Visitors from all states, who visit the state fair, are ordinarily very much surprised at the exhibit of fruit which they find in the horticultural department. For Minnesota has the reputation, among people living further south, of being a state where most fruit cannot be raised. Such displays as have been made in recent years by the large growers of apples in Minnesota have demonstrated not only the possibility of growing apples here, but that apples are growing and in good quantity.

Much of the success of the Minnesota fruit growers is due to the encouragement of and educational work done by the Minnesota State Horticultural society, and it is now a fact surprising as it may seem, that this society is the largest state horticultural society in the country, says the Minneapolis Times.

The horticultural division at the Minnesota state fair is in charge of J. M. Underwood of Lake City, a prominent member of the board of managers, and his assistant is A. W. Latham of Minneapolis, who is also secretary of the State Horticultural Society. In speaking of the prospects of the fruit exhibit at the coming state fair, Mr. Latham said:

"The extent and the quality of the exhibition of fruit at the coming annual state fair in our state depends in large measure upon the character of the fruit crop here. While in years when the apple crop of Minnesota has been light the fruit exhibit has been a creditable one, this has been brought about only as the result of a large amount of hustling by the management.

"This year, fortunately, the situation is very different. While a few orchards that had received extra cultivation and care, and occasional trees, bore a fair crop last year, the great bulk of bearing apple trees produced a very light crop of fruit last season, which makes this the bearing year for orchards of Minnesota—and the present condition of the orchards bears out this statement. From all parts of the apple producing areas of the state reports indicate a very fine crop of this fruit.

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1902

What plums are ripened, however, on account of the lightness of the yield, will be of unusual size, color and quality, and the loyalty of the members of the state horticultural society, which stands behind this exhibit, will insure a creditable display, even in this fruit.

"As to grapes, the yield this year is up to the best, and a beautiful exhibit may be looked for.

"For some years now mushrooms have occupied a prominent place in the horticultural hall, and the value of this display is fully appreciated by the management, as is shown in an increase of 25 per cent in the amount of premium offered for it."

MINNEAPOLIS, MINN.
TRIBUNE
DATE JUL 27 1902

MINNESOTA A FRUIT STATE

PEOPLE WHO RETAIN OLD IMPRESSION TO THE CONTRARY WILL BE SURPRISED BY STATE FAIR EXHIBIT.

PRIZE FOR NEW APPLE TREE

HORTICULTURAL SOCIETY WILL PAY A THOUSAND DOLLARS FOR CERTAIN VARIETY—FRUIT PREMIUM LIST.

It was not many years ago when Minnesota was known as a state in which fruit could not be raised. If anybody still has this impression, it would be well for him to note the actual facts regarding the present conditions of the fruit industry of the state, then to attend the next state fair in which he will see one of the finest exhibitions of fruit ever put together.

BIG EXHIBIT CERTAIN.

The fruit display at the Minnesota state fair is under the auspices of the Minnesota State Horticultural society. J. M. Underwood of Lake City, for many years president of the Horticultural society, is superintendent of the division, and his assistant is A. N. Latham, secretary of the society, whose office is at 207 Kasota building, Minneapolis.

Both are experienced and familiar with the horticultural resources of the Northwest.

Under the circumstances, it is not surprising that the arrangements for the fruit exhibit are exceedingly complete, while the rules are thoroughly adapted to the needs of Minnesota exhibitors.

One of the most interesting offers made in the horticultural division of the premium list of the fair, is that of $1,000 offered by the State Horticultural society for a seedling apple tree which shall fulfill certain requirements specified by the society, such as quality, hardiness, prolific bearing and keeping. This offer is made for the purpose of increasing the varieties of hardy apples, and as yet the requirements of the society have not been met, although numerous fruit growers have been experimenting with seedlings for many years.

FRUIT PREMIUMS OFFERED.

The premium offers for apples include a general sweepstakes for collection of $50, and $75 premium for collections open only to professionals, and an equal amount for amateurs, besides the usual first, second and third premiums of $1, 75 and 50c respectively for single plates of a large number of varieties.

These single plate premiums are duplicated for professionals and amateurs. Besides, there are liberal premiums for crabs and hybrids, and a number of special premiums for seedling apples.

In the class devoted to plums, there is a sweepstakes of $50 for collection, followed by lesser premiums for special varieties. In grapes, the largest premium is $60 for collections, and some thirty class premiums follow.

In all the premium offers for fruit are liberal. They have been revised and are up-to-date, and will certainly bring out a very large exhibit. In this connection, it is worthy of note, that Minnesota now has the largest state horticultural society in the union.

Place MINNEAPOLIS Minn.

Paper Progress

Date JUL 26 1902

MINNESOTA STATE FAIR.

The Greatest Institution of The Kind In America.

A FEW OF THE FEATURES.

THE Minnesota State Fair of 1902 will open this year on Sept. 1st, at the Fair Grounds at Hamline midway between Minneapolis and St. Paul, and will continue for one week. It is now the

Largest Fair In America.

For several years its attendance and receipts have exceeded those of any of the state fairs, and last year the great Canadian Fair at Toronto which has been the largest on the continent was surpassed. More than 187,000 entered the turn-stile during the Minnesota Fair. This year the attractions will excel in many respects those of 1901. The great national cattle display will be repeated on a larger scale and in every department of the Fair there will be increased exhibits and more attention paid to their display.

Visitors from other states, who visit the State Fair, are ordinarily very much

Surprised at the Exhibit of Fruit

which they find at the horticultural department. For Minnesota has the reputation, from people living further south, of being a state where most fruit could not be raised. Such displays as have been made in recent years by the Jewell Nursery of Lake City, and other large growers of apples in Minnesota have demonstrated, not only the possibility of growing apples here, but, that apples are growing, and in good quantity.

As a matter of fact Minnesota is now producing many thousands of bushels of apples each year, and would be now raising all that are needed for home use, if it had not been for persistant assertions, in earlier years, that no fruit could be raised in this part of the country. Much of the success of the Minnesota fruit growers is due to the encouragement and work done by the Minnesota State Horticultural Society, and it is now a fact, surprising as it may seem, that this society is the best state horticultural society in the country.

The horticultural division at the Minnesota State Fair is in charge of J. M. Underwood of Lake City, a prominent member of the Board of Managers, and his assistant is A. W. Latham, who is also secretary of the State Horticultural Society.

Place Winona Minn

Paper Independent

Date AUG 29 1902

MINNESOTA FRUIT STATE

Exhibits of Orchard Products at State Fair.

A. W. Latham Says Minnesota Will Export Apples.

A. W. Latham, secretary of the Minnesota State Horticultural society keeps in close touch with the fruit growers of the state and always has a hand in the horticultural department at the state fair. Discussing the prospects for the display at the state fair, which opens September 1, Mr. Latham said:

"The extent and the quality of the exhibition of fruit at the coming annual fair in our state depends in large measure upon the character of the fruit crop. While in years when the apple crop if Minnesota has been light the fruit exhibit has been a creditable one, this has been brought about only as the result of a large amount of hustling by the management. Reports from all parts of the apple-producing area of the state indicate a very fine crop of this fruit this season.

"The most of apple trees in this

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state are of two kinds, the Duchess, so well known in our markets as an early ripening fall apple, and the Wealthy, at its best in November or December, and undoubtedly the finest of all apples. These two varieties are supplemented by a great number of other kinds. It will be a surprise to those not familiar with this industry in our state to know that 334 varieties of apples were exhibited at our last state fair. This does not include a very large number of new varieties originated from seed which as yet have received no name. There were 2,364 plates of apples shown last year. We expect to increase the size of the exhibit this year, although it will necessarily be at the expense of some other department, as all the space available in the large area set apart in Agricultural hall for the fruit exhibit was occupied last season. Judging from the present outlook, the best exhibition of the best quality of apples ever gotten together in Minnesota will be one of the drawing features of the state fair.

The plum crop in the state is unfortunately a night one, probably on account of the west weather prevailing at the time of the blossoming of this fruit. Plums, it is believed, are largely fertilized by the operations of insects, which in wet weather are apt to be safely housed. The plums that ripened, however, are of unusual size, color and quality. As for grapes, the yield this year is up to the best, and a beautiful exhibit may be expected.

"Mushrooms have occupied a prominent place in the Horticultural hall during the past years, and the value of this display is fully appreciated by the management, as is shown in an increase of 25 per cent in the amount of premiums offered for it.

The orchard industry of the state is very much of the boom. During no previous season have so many fruit trees and so much nursery stock been planted in our state as this year. Several orchards of more than 1,000 apple trees have been set out. The day is not far off when Minnesota will be growing its own apples and a great quantity to export. The fruit of this northern section being so much superior in color, flavor and keeping qualities to that of similar varieties grown south of us there will practically be no limit to the market which can be found for our surplus.

APOLIS, MINN.
TIMES
DEC -3 1902

APPLE EX
STIRS AD

Splendid Specimens of Fruit Shown by the Members of the State Horticultural Society.

Perfectly formed apples over half a foot in diameter are displayed at the exhibit in connection with the annual meeting of the Minnesota State Horticultural society, which opened yesterday in the Plymouth church.

Little crabapples, too, scarcely more than an inch through may be seen hiding behind the larger fruit.

The dozen tables are covered with a tempting array—all grown in a state whose winters, it was thought twenty years ago, would kill any fruit.

The apples entered in competitio for prizes are divided into three classes: those preserved in cold storage those stored in cellars and the seedlings. An award of $1,000 is offered for the best of these with which a twig from the tree must be given to show its hardiness.

1,000 Plates of Fruit.

There are over 1,000 plates of fruit, each of them containing four specimens. Many apples are in wire baskets entered for the peck lot prize. In several of the baskets every apple is of a uniform color and without a flaw. It is difficult to see how the judges can decide upon the awards which are to be made to-day.

All members of the society express great satisfaction for the rapid strides made in apple culture in Minnesota. They feel confident that despite the severe winters and other difficulties incident to their cultivation, Minnesota will soon be famous as a grower of this fruit.

The Wealthy, an apple already renowned for its flavor and beauty, was given life near Minneapolis. The Wolf River, a mammoth fruit, is grown successfully in all parts of the state. Other varieties prove that Minnesota produces apples rarely equaled.

Small Fruits Discussed.

In the morning session the smaller fruits, especially berries of all kinds, were the subject of discussion. The following papers on their care and cultivation were read: "Planting and Care of the Raspberry Field the First Season," by R. A. Wright, Eureka; "Covering Bush Fruits," by D. V. Plants, Long Lake; "Practical Advertising for the Fruit Grower," by Frank B. White, Chicago; "Strawberries for the Farmer," by Professor William Robertson, St. Anthony Park.

Frank B. White, an advertising expert from Chicago, spoke on "Practical Advertising for Fruit Growers." He said that newspapers were the best medium through which to bring the goods to public notice.

Mr. White advised the grower to pack his fruit in attractive boxes and maintain a reputation for clean business methods, without which, he said, all advertising would be futile.

In an informal discussion after one of the addresses, it was brought out that fruit eating is exceedingly beneficial and mothers were urged to see that their children had plenty of it.

Culture of Apples.

Apple growing was taken up during the afternoon session. In the discussion after each address many new ideas as to methods of preserving the trees, etc., were brought out.

The following papers were read: "Horticulture—Its Place on the Farm," by George W. Strand of Taylors Falls; "My Seedling Orchard," by T. E. Perkins of Red Wing; "Nature's Aid in Producing Apples Adapted to the Climate," Frank Yahnke of Winona; "The Future of the Apple in Minnesota," by G. L. Taylor of Howard Lake; "Winter Killing Can Be Prevented," by Andrew Wilford of Cleveland; "Apple Experimentation at the Minnesota State Experimental Station," by Professor S. B. Green of St. Anthony Park.

Professor Green annouced that he was preparing a bulletin which would contain sixty full sized halftones of as many varieties of apples grown in Minnesota.

Committees Are Named.

The following committees were appointed:

President's Address—Oliver Gibbs, Prescott, Wis.; John Foreman, Austin; D. T. Wheaton, Morris.

Obituary—DeWayne Cook, Jeffers; F. I. Harris, La Crescent; A. D. Leach, Excelsior.

Final Resolutions—H. H. Pond, Bloomington; Alfred Terry, Slayton; R. A. Wright, Eureka.

Credentials—W. L. Taylor, Howard Lake; Martin Penning, Sleepy Eye; Frank Yahnke, Winona.

Committees on awards:

Apples in Cold Storage—O. M. Lord, Minnesota City.

Apples Not in Cold Storage—Clarence Wedge, Albert Lea.

Seedlings—Wyman Elliot, Minneapolis.

Grapes—A. A. Best, Excelsior.

Flowers—A. A. Kennedy, Hutchinson.

To-day's Program.

This morning the president will read his annual address and the reports of the various officers will be submitted.

The order is as follows:

President's annual address, W. W. Pendergast, Hutchinson.

Annual report of the executive board, Wyman Elliot, chairman, Minneapolis.

Annual report of secretary, A. W. Latham, Minneapolis.

Annual report of treasurer, A. B. Lyman, Excelsior.

Report of legislative committee, Wyman Elliot.

The beekeepers will open their meeting this morning.

In the afternoon the Woman's auxiliary will hold a joint session with the horticulturists.

This evening a lecture, illustrated

HIBIT
OMIRATION



WYMAN ELLIOTT.

Who Figures on the Program for To-day.

with stereopticon views, will be delivered by P. V. Collins of the Northwestern Agriculturist.

The members of the Woman's auxiliary and the wives of the horticulturists will be given a reception from 10 o'clock until 12 this morning at the home of Mrs. Charles M. Loring, 102 Clifton avenue. There will be short addresses by Miss Margaret J. Evans, Professor Maria L. Sanford and Mrs. A. H. Brackett.

EAPOLIS, MINN.
JOURNAL
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RECORD OF GROWTH

Encouraging Reports from the Various Officers of the State Horticultural Society.

Beekeepers' Association Listens to Interesting Papers—Women's Auxiliary in Session.

The rapid growth of the Minnesota Horticultural society was made clear this morning at the annual meeting of the society held in Plymouth church. In 1890, said Secretary A. W. Latham in his report, the society had 153 members; now it has 1,248, of whom 240 were added in the last twelve months. Mr. Latham referred to the death of J. L. Adams of Glenwood, vice president of the seventh district, and to the death of Henry M. Lyman, superintendent of the experiment station at Excelsior. A fund will be collected by the society, added the secretary, in order that a tablet may be placed in horticultural hall at the state fair grounds to commemorate the services rendered to horticulture by the late John S. Harris, horticultural editor of Farm, Stock and Home.

There have been only two attempts this year to secure the prize of $1,000 which the society offers to anyone perfecting an apple which will be sufficiently hardy for Minnesota and yet attain a high standard in other respects. The competitors were unsuccessful, but Mr. Latham expects the prize to be captured before long.

Treasurer A. B. Lyman reported that he had expended more than $3,000 this year, but that he still had in hand $715.18.

Acclimating of Fruits.

Professor S. B. Green, of the state agricultural school, E. H. S. Dart of Owatonna, Dewain Cook of Windom, L. R. Moyer of Montevideo and J. S. Parks of Pleasant Mounds, all superintendents of "trial stations," presented reports showing progress towards the acclimating of profitable fruits. Patience, the superintendents said, was the only essential. The trials had made it manifest that the climate of this state is not in itself inimical to the cultivation of fruit.

L. R. Moyer of Montevideo, who read the report of the committee on "The Ornamental List," told of various shrubs and trees that may be profitably employed here for ornamental purposes.

Mr. Moyer also favored the society with a paper upon "Judicial-mindness in Horticultural Experimentation." He impressed the argument that no horticultural experimenter could afford to jump at conclusions. His trials must be prolonged and exhaustive.

Telling of "The Business Side of Fruit Growing," G. H. Purdy of Mason City, Iowa, said the home market is usually the most profitable to the grower. In case that market is glutted, the horticulturist should ship his fruit to some reliable dealer of whom definite information was available. The grower should not trust every man that happened to be a commission merchant. It would also be well for the grower temporarily out of his home market to inquire where the fruit he sells is in demand. The same fruit may often be almost unsalable at one own and in great demand at a town twenty-five miles distant. Finally came in this Solomonic pearl: "Put your brand only on your very best fruit."

Shelter Belts

That "shelter belts" of trees should be placed in Dakota along the south side of orchards as well as along the north side was urged in a paper by George H. Whiting of Yankton, S. D., upon "The Effect of Shelter Belts on Productiveness." Belts on the south side, said Mr. Whiting, keep off the hot, drying winds of midsummer, and are beneficial to both fruit and corn.

This afternoon the society listened to several papers, including one by Professor W. M. Hays of the state experiment station upon "Breeding Leguminous Plants." C. B. Clark of Minneapolis, related "Observations of a Commercial Traveler."

Beekeepers' Meeting.

The Minnesota Beekeepers' Association met this morning in one of the smaller parlors of Plymouth church. A dozen members attended. The secretary, Dr. L. D. Leonard of Minneapolis, reported that the membership was now approaching 50, and that the society was prosperous.

In explaining "Something of Benefit to Beginners in Beekeeping," A. E. Hooker of White Bear Lake insisted that whoever wished to rear bees for profit must have more extensive information at his command than either a farmer or a fruit grower. The beginner desiring to raise bees must not only get some bees, but he must get a big book about bees, a magazine about bees, a cozy hive with all modern improvements, a skin and spirit proof against irritation, and a childlike willingness to learn.

This afternoon Victor D. Caneday of Taylors Falls spoke of "Bees on a Poultry Farm." Miss Julia Mondeng of Minneapolis, song, and S. Lindersmith of Faribault showed "How to Dispose of a Honey Crop to Best Advantage."

The beekeepers will adjourn to-morrow afternoon.

Women In Session.

The women's auxiliary of the Horticultural society held its first session this afternoon, their meeting being in conjunction with that of the masculine culturists. The papers scheduled comprise thoughts upon "Life Worth Living in the Country," by Miss Margaret J. Evans of Northfield; upon "The English Sparrow," by Mrs. G. F. Benson of Lake City; upon the "Adornment of the Country School House," by F. H. Nutter, city park engineer of Minneapolis, and upon "The Influence of the Girls' Department at the State Argicultural School," by Mrs. Virginia Meredith, preceptress at that institution.

Lecture This Evening.

At 8:30 o'clock to-night P. V. Collins will deliver an illustrated lecture at Plymouth church before the delegates to the horticultural convention. Mr. Collins' theme will be "Picturesque Mexico."

The Minnesota State Forestry association will hold a joint session with the horticulturalists to-morrow afternoon. The opening address, by President C. M. Loring of Minneapolis, will treat of "Roadside Trees."

RECEPTION FOR THE WOMEN

Mrs. C. M. Loring Entertains Those Attending the Convention.

An enjoyable feature for the women in attendance at the Minnesota Horticultural Society's meeting was a reception given for them this morning at the home of Mrs. C. M. Loring. The hostess' deep interest in the purpose of the society and her hearty support of its efforts lent a peculiar cordiality to her greetings and to those returned by the guests.

The Loring residence on Clifton avenue was decorated very simply with palms and vases of flowers. The guests were received by Mrs. Loring, Mrs. Anna B. Underwood, president of the woman's auxiliary of the society, and Miss Emma V. White, secretary. They then passed on to chat with the groups of assisting women and each other for an hour. The assisting women were Mmes. W. W. Pendergast, A. C. Loring, S. B. Green, Frederick Tucker, H. F. Brown, F. H. Barnard, Fred L. Washburn, A. W. Latham, R. H. L. Jewett and D. L. Kingsbury. During the second hour a short program was given in informal fashion. Mrs. S. S. Brown sang several solos and a duet with Mrs. Loring, and there was aeolian music. An attractive picture of life in Alaska was given by Mrs. A. H. Brackett, who told of picking flowers at Skaguay Oct. 24 and of the luxuriance of nature in that far northern town. She had found the three years and a half she spent there among the pleasantest of her life. Professor Maria L. Sanford spoke of the value of any influence that tends to deepen the enjoyment of home, and classed the horticultural society as one of those influences. Miss Margaret J. Evans of Carleton college spoke in her happiest vein on the efficacy of social gatherings as a means of broadening the horizon, correcting the point of view and making people happy. Refreshments were served in the dining-room from a buffet table handsomely decorated.

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NEAPOLIS, MINN.

TRIBUNE

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GROWTH HAS BEEN GREAT

PRESIDENT PENDERGAST AND SECRETARY LATHAM REPORT TO HORTICULTURISTS.

THEY ARE OPTIMISTIC

SHOWING MINNESOTA HAD MADE WITH APPLES IS SIGNIFICANT.

Yesterday morning's session of the Minnesota Horticultural society was devoted to a large number of reports of district vice presidents, superintendents of trial stations, committee on ornamental list, local societies, the treasurer's report, the secretary's report, and the president's annual address.

President W. W. Pendergast in his address was exceedingly optimistic. Forty years ago it was noted that it was thought impossible to raise apples in Minnesota, but many of those who were then sceptical have lived to see over forty varieties successfully raised in the state—500,000 bushels being raised this year. In the early days it was only thought possible to raise gooseberries, currants and raspberries, but as the years go by apples, plums, cherries and other small fruits are becoming more and more abundant.

A. W. Latham of Minneapolis, who has been secretary of the society for the past twelve years, gave a resume of the objects of the society for the benefit of new members and showed that the society is in a flourishing condition. During the twelve years of Mr. Latham's office the membership has grown from 41 in 1890 to 1,248 in 1902. Out of that number 101 are life members.

ONE THOUSAND DOLLARS.

The prize of $1,000 which will be given to any fruit grower who can develop the most satisfactory apple for Minnesota, is doing a great deal to stimulate work in perfecting varieties. The offer is a standing one, and will remain standing until the required qualities are reached.

Treasurer A. B. Lyman's report showed receipts amounting to $3,982.83; disbursements, $2,267.65, and a balance of $715.18.

"Judicial Mindedness in Horticultural Experimentation" was discussed by L. R. Moyer of Montevideo

G. H. Purdy, of Mason City, Ia., in his paper on "The Business Side of Fruit Growing," called attention to the importance of the local market, maintaining that it was the best. When it became necessary to ship it was well to make a careful selection of the market, for sometimes one place might be over-supplied with fruit, while another town not 25 miles away might afford a good market.

George H. Whiting, of Yankton, S. D., on the effect of shelter belts, said that experiments in his state had shown that a hedge of trees on the south side of a corn field would afford a shelter from the hot south winds and prevent the corn from being burned up, and he applied the same principle to the raising of fruits.

The bee-keepers had a meeting yesterday at which A. E. Hooker, of White Bear Lake, read a paper of interest to beginners in bee-keeping.

A question box was opened, and some of the members called attention to the disease known as "foul blood" which had been discovered in some parts of the state, and which is harmful and greatly dreaded by bee-keepers. Professor F. L. Washburn of the state experiment station was present and was asked to experiment to see what remedy could be suggested for the eradication of the disease.

Several members had experimented to see if the king bird was an enemy of the bee, but no one had been successful in convicting him of the charges which have been made by bee-keepers.

At the afternoon session S. Lindersmith, of Faribault, and Victor D. Caneday, of Taylor's Falls, read papers which were followed by discussions.

THE LADIES' AUXILIARY.

The Ladies' Auxiliary began their first session yesterday, which was held jointly with that of the Horticultural Society. The following papers were read and discussed:

"Ten Years' Experience in Celery Culture," H. J. Baldwin, Northfield; "Construction of the Root House," F. L. Marsh, Champlin; "Observations of a Commercial Traveler," C. B. Clark, Minneapolis; "Breeding Leguminous Plants," Professor W. M. Hays, St. Anthony Park.

Miss Anna B. Underwood of Lake City gave her report as secretary in which she dwelt on the growing importance of the out-of-door world and the excellent opportunities in the country for a pleasant and wholesome life.

Mrs. Virginia Meredeth, preseptress of the College of Agriculture, gave an excellent talk on the influence of the girls' department at the school, and showed that the farmer's life was not as dismal as it is apt to be pictured at times.

A most delightful address was made by Miss Margaret J. Evans of Northfield.

"Whether life is worth living, at all," she began, "depends upon the liver." She spoke of many of the disadvantages which are supposed to confront the country people and gave a poetic description of many other features which fully compensated for deficiencies in certain lines.

F. E. Pease of Des Moines, Iowa, read an interesting paper giving a plan for the ornamentation of the country home and its surroundings.

"The English Sparrow" was discussed by Mrs. G. F. Benson of Lake City. It was declared to be one of the dangerous pests and one that would sooner or later be instrumental in exterminating the more beautiful and useful native birds.

F. H. Nutter, city park engineer of Minneapolis, gave a talk on the methods of making the country school house and yard beautiful.

Last evening the members of the society and their friends were entertained with a very interesting illustrated lecture on "Picturesque Mexico" by P. V. Collins of the Northwestern Agriculturist.

ANNUEL BANQUET TONIGHT.

There will be morning and afternoon sessions of the Horticultural society today and a meeting of the Ladies' Auxiliary at 10 o'clock in one of the adjoining rooms of the general assembly hall. The afternoon session will be held jointly with the Minnesota State Forestry association. President Charles M. Loring, Minneapolis; H. H. Chapman, Grand Rapids; E. C. Bruce, Washington, D. C.; Emil Sahler, Waseca; Sidney M. Owen, T. L. Duncan and Professor S. B. Green will address the meeting.

The annual society banquet will be held tonight, tendered by "Farm, Stock and Home," for the benefit of John S. Harris' Memorial Tablet fund.

The bee-keepers will also hold interesting sessions today for the further discussion of important questions in their business.

MINNEAPOLIS, MINN.

TIMES

DATE..... DEC -3 1902 .....

ENLIGHTENED HOSPITALITY.

The meeting of the State Horticultural Society in Minneapolis, with its attendant passenger rate of one fare and one-third from points in the territory tributary to this city, has aroused the Retail Merchants' association, and should awaken everyone else, to the importance of letting the people of Minnesota, the Dakotas, northern Iowa and western Wisconsin know all about such rates whenever they are offered. In other words it was the unanimous expression of the retail merchants at their meeting Monday evening that such events and excursions should be more liberally advertised hereafter; that Minneapolis should see to it that everybody has an invitation to come and visit her when opportunity offers.

There is a "community of interests" in the best sense of the term, between the merchants of Minneapolis, the organizations holding conventions, the railroads and the people in general who are invited to come to the city at reduced rates of fare.

By a little advertising travel could be greatly increased upon such occasions as the meeting now in session, the pure food show next week and the other gatherings for which the railway companies offer concessions in the way of fare.

It cannot be denied that other western cities are more active than Minneapolis in the matter of keeping in close touch with the people of the country surrounding them. Omaha and Kansas City are notable examples. Chicago has pursued that policy almost from the beginning. The people of Minneapolis should do their utmost to make the city an attractive focal point for the people of the northwest and excursion rates offered by railroads afford frequent opportunity.

Minneapolis Tribune

DECEMBER 3, 1902.

GREAT APPLE STATE, THIS

REMARKABLE EXHIBITION AT ANNUAL MEETING OF HORTICULTURAL SOCIETY.

FORCING TO THE FRONT

DELEGATES CLAIM THAT PEOPLE SHOULD EAT MORE FRUIT THAN THEY DO.

1902

The annual convention of the State Horticultural society was opened yesterday by two well attended sessions at Plymouth church on Nicollet avenue.

The society is an important organization and does a great deal more than is generally known to make the state one of the best fruit producing states in the country.

In the line of apples there are especially great hopes, and it is freely predicted by the members of the society that it will only be a matter of a short time comparatively when Minnesota will be in the front rank as an apple raising state.

An exhibit is made in one of the side rooms which is certainly sufficient to demonstrate that the finest kind of apples can be grown here. Magnificent specimens of Ben Davis, the Wealthy, Wolf River, Golden Russet, Magogg and other varieties showed up to particular advantage. The Wolf River samples were mammonth and attracted much notice.

The subject taken up for general discussion was that of small fruits. Several papers were presented and each one was followed by a discussion, which was beneficial in disseminating the experience of the many fruit growers present.

"Planting and Care of the Raspberry Field the First Season" was given by R. A. Wright of Eureka; "Covering Bush Fruits," by D. V. Plants of Long Lake; "Practical Advertising for the Fruit Grower," by Frank B. White of Chicago; "Strawberries for the Farmer," by Prof. William Robertson of St. Anthony Park.

PEOPLE SHOULD EAT FRUIT.

One of the interesting features brought out was in regard to fruit eating. It was declared to be healthy and conducive to equanimity of temper and should be encouraged in school, in the homes and by all the means that could be made available. Children who ate fruit instead of meats were easily distinguished by their agreeable dispositions, it was maintained by those who had used their observation along these lines.

Another feature which seemed to meet with approval was in regard to advertising, not only in newspapers, but by means of all other methods which are in the nature of advertising. The necessity for putting up fruit in neat packages was shown to be one of those means, as well as honest packing and the maintenance of a reputation for clean business methods.

In the afternoon the subject of apples was taken up in its various aspects, and the following papers presented:

"Encouraging Words From Manitoba," Thomas Frankland, Stonewall, Man.; "Horticulture—Its Place on the Farm," George W. Strand, Taylor's Falls; "My Seed Orchard," T. E. Perkins, Red Wing; "Nature's Aid in Producing Apples Adapted to the Climate," Frank Yahuke, Winona; "Can We Raise the Winter Apple, and How?" F. W. Kimball, Austin; "The Propagation of the Apple Tree in Minnesota Should be Encouraged," A. H. Reed, Glencoe; "The Future of the Apple in Minnesota," G. L. Taylor, Howard Lake; "Winter-Killing Can be Prevented," Andrew Wilford, Cleveland; "Apple Experimentation at the Minnesota Experiment Station," Professor S. B. Green, St. Anthony Park; "Random Thoughts," T. T. Bacheller, Minneapolis.

The exchange of ideas during the afternoon session was interesting and full of suggestions for those who were less experienced than those who took part in the discussion. One of the difficulties which seemed to be hard to overcome in the severe climate of Minnesota was the selection of varieties sufficiently hardy to survive.

It was the experience of some of the oldest fruit growers that trees from the seeds of apples that had been raised in the state produced the most successful fruit trees. However, there was some divergence of opinion on this matter as well as others, and it was maintained that there were as many failures among trees secured from seeds of native apples as there were among nursery stock.

The Ladies' Auxiliary will have the first session at 1:45 in the afternoon. The following program will be followed: "Ten Years' Experience in Celery Culture," H. J. Baldwin, Northfield; "Construction of the Root House," F. L. Marsh, Champlin; "Observations of a Commercial Traveler," C. B. Clark, Minneapolis; "Breeding Leguminous Plants," Prof. W. M. Hays, St. Anthony Park.

The Bee Keepers' association, which holds its conventions in conjunction with the Horticultural society, will hold its first session this morning. The following is the program: "Something of the Benefis to Beginners in Bee-Keeping," A. E. Hooker, White Bear Lake; "Some of My Experience in Keeping Bees in Minnesota," William Cairncross, Plato, Minn. There will also be a question box and reports of committees and other incidental business.

TODAY'S PROGRAM.

This morning at 9 o'clock there will be an important session, at which the annual address of W. W. Pendergast, of Hutchinson, will be delivered, and the reports of the various officers submitted, together with some addresses on fruit growing.

From 10 to 12 o'clock the ladies of the Horticultural Society will be given a reception at the home of Mrs. Charles M. Loring, 102 Clifton avenue. There will be a short talk by Miss Margaret J. Evans and others, and refreshments, interspersed with ample opportunity for making and renewing acquaintances.

NEAPOLIS, MINN.

TRIBUNE

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1902 ??

TODAY'S PROGRAM.

This morning at 9 o'clock there will be an important session, at which the annual address of W. W. Pendergast, of Hutchinson, will be delivered, and the reports of the various officers submitted, together with some addresses on fruit growing.

From 10 to 12 o'clock the ladies of the Horticultural Society will be given a reception at the home of Mrs. Charles M. Loring, 102 Clifton avenue. There will be a short talk by Miss Margaret J. Evans and others, and refreshments, interspersed with ample opportunity for making and renewing acquaintances.

Mpls. Journal
2 Dec. 3-02

RECORD OF GROWTH

Encouraging Reports from the Various Officers of the State Horticultural Society.

Beekeepers' Association Listens to Interesting Papers—Women's Auxiliary in Session.

The rapid growth of the Minnesota Horticultural society was made clear this morning at the annual meeting of the society held in Plymouth church. In 1890, said Secretary A. W. Latham in his report, the society had 159 members; now it has 1,248, of whom 240 were added in the last twelve months. Mr. Latham referred to the death of J. L. Adams of Glenwood, vice president of the seventh district, and to the death of Henry M. Lyman, superintendent of the experiment station at Excelsior. A fund will be collected by the society, added the secretary, in order that a tablet may be placed in horticultural hall at the state fair grounds to commemorate the services rendered to horticulture by the late John S. Harris, horticultural editor of Farm, Stock and Home.

There have been only two attempts this year to secure the prize of $1,000 which the society offers to anyone perfecting an apple which will be sufficiently hardy for Minnesota and yet attain a high standard in other respects. The competitors were unsuccessful, but Mr. Latham expects the prize to be captured before long.

Treasurer A. B. Lyman reported that he had expended more than $3,000 this year, but that he still had in hand $715.18.

Acclimating of Fruits.

Professor S. B. Green, of the state agricultural school, E. H. S. Dart of Owatonna, Dewain Cook of Windom, L. R. Moyer of Montevideo and J. S. Parks of Pleasant Mounds, all superintendents of "trial stations," presented reports showing progress towards the acclimating of profitable fruits. Patience, the superintendents said, was the only essential. The trials had made it manifest that the climate of this state is not in itself inimical to the cultivation of fruit.

L. R. Moyer of Montevideo, who read the report of the committee on "The Ornamental List," told of various shrubs and trees that may be profitably employed here for ornamental purposes.

Mr. Moyer also favored the society with a paper upon "Judicial-mindness in Horticultural Experimentation." He impressed the argument that no horticultural experimenter could afford to jump at conclusions. His trials must be prolonged and exhaustive.

Telling of "The Business Side of Fruit Growing," G. H. Purdy of Mason City, Iowa, said the home market is usually the most profitable to the grower. In case that market is glutted, the horticulturist should ship his fruit to some reliable dealer of whom definite information was available. The grower should not trust every man that happened to be a commission merchant. It would also be well for the grower temporarily out of his home market to inquire where the fruit he sells is in demand. The same fruit may often be almost unsalable at one own and in great demand at a town twenty-five miles ditant. Finally came in this Solomonic pearl, "Put your brand only on your very best fruit."

Shelter Belts

That "shelter belts" of trees should be placed in Dakota along the south side of orchards as well as along the north side was urged in a paper by George H. Whiting of Yankton, S. D., upon "The Effect of Shelter Belts on Productiveness." Belts on the south side, said Mr. Whiting, keep off the hot, drying winds of midsummer, and are beneficial to both fruit and corn.

This afternoon the society listened to several papers, including one by Professor W. M. Hays of the state experiment station upon "Breeding Leguminous Plants." C. B. Clark of Minneapolis, related "Observations of a Commercial Traveler."

Beekeepers' Meeting.

The Minnesota Beekeepers' Association met this morning in one of the smaller parlors of Plymouth church. A dozen members attended. The secretary, Dr. L. D. Leonard of Minneapolis, reported that the membership was now approaching 50, and that the society was prosperous.

In explaining "Something of Benefit to Beginners in Beekeeping," A. E. Hooker of White Bear Lake insisted that whoever wished to rear bees for profit must have more extensive information at his command than either a farmer or a fruit grower. The beginner desiring to raise bees must not only get some bees, but he must get a big book about bees, a magazine about bees, a cozy hive with all modern improvements, a skin and spirit proof against irritation, and a childlike willingness to learn.

This afternoon Victor D. Caneday of Taylors Falls spoke of "Bees on a Poultry Farm." Miss Julia Mondeng of Minneapolis, song, and S. Lindersmith of Faribault showed "How to Dispose of a Honey Crop to Best Advantage."

The beekeepers will adjourn to-morrow afternoon.

Women in Session.

The women's auxiliary of the Horticultural society held its first session this afternoon, their meeting being in conjunction with that of the masculine culturists. The papers scheduled comprise thoughts upon "Life Worth Living in the Country," by Miss Margaret J. Evans of Northfield; upon "The English Sparrow," by Mrs. G. F. Benson of Lake City; upon the "Adornment of the Country School House," by F. H. Nutter, city park engineer of Minneapolis, and upon "The Influence of the Girls' Department at the State Argicultural School," by Mrs. Virginia Meredith, preceptress at that institution.

Lecture This Evening.

At 8:30 o'clock to-night P. V. Collins will deliver an illustrated lecture at Plymouth church before the delegates to the harticultural convention. Mr. Collins' theme will be "Picturesque Mexico."

The Minnesota State Forestry association will hold a joint session with the horticulturalists to-morrow afternoon. The opening address, by President C. M. Loring of Minneapolis, will treat of "Roadside Trees."

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1902
WEDNESDAY EVENING,

RECEPTION FOR THE WOMEN

Mrs. C. M. Loring Entertains Those Attending the Convention.

An enjoyable feature for the women in attendance at the Minnesota Horticultural Society's meeting was a reception given for them this morning at the home of Mrs. C. M. Loring. The hostess' deep interest in the purpose of the society and her hearty support of its efforts lent a peculiar cordiality to her greetings and to those returned by the guests.

The Loring residence on Clifton avenue was decorated very simply with palms and vases of flowers. The guests were received by Mrs. Loring, Mrs. Anna B. Underwood, president of the woman's auxiliary of the society, and Miss Emma V. White, secretary. They then passed on to chat with the groups of assisting women and each other for an hour. The assisting women were Mmes. W. W. Pendergast, A. C. Loring, S. B. Green, Frederick Tucker, H. F. Brown, F. H. Barnard, Fred L. Washburn, A. W. Latham, R. H. L. Jewett and D. L. Kingsbury. During the second hour a short program was given in informal fashion. Mrs. S. S. Brown sang several solos and a duet with Mrs. Loring, and there was aeolian music. An attractive picture of life in Alaska was given by Mrs. A. H. Brackett, who told of picking flowers at Skaguay Oct. 24 and of the luxuriance of nature in that far northern town. She had found the three years and a half she spent there among the pleasantest of her life. Professor Maria L. Sanford spoke of the value of any influence that tends to deepen the enjoyment of home, and classed the horticultural society as one of those influences. Miss Margaret J. Evans of Carleton college spoke in her happiest vein on the efficacy of social gatherings as a means of broadening the horizon, correcting the point of view and making people happy. Refreshments were served in the dining-room from a buffet table handsomely decorated.

St. Paul (Minn.) Pioneer Press Minn.
Paper
Date DEC -3 1902

MINNEAPOLIS

Business and Editorial Offices of the Pioneeer Press, Room 2, First Floor, New Tribune Building. Tel.: Main 6.

FRUIT EATING HELPS TEMPER

INTERESTING CONTENTION OF THE HORTICULTURISTS.

During an Enthusiastic Discussion at the State Horticultural Meeting Yesterday Skilled and Experienced Horticulturists Were Agreed That Fruit-Eating Was Conducive to Equanimity of Temper, and Should Therefore Be Encouraged.

The horticultural enthusiasts of Minnesota, or at least 200 of them, gathered in the lecture room of Plymouth church yesterday morning and after a few words of kindly greeting by President W. W. Pendergast the thirtieth annual meeting of the Minnesota State Horticultural society was begun. The gathering was larger and more enthusiastic than for many years. The good-sized lecture room was hardly sufficient for the purpose. The society's membership has increased about 250 since the last annual meeting. The assemblage included practically all the men and women who have been the mainstays of the society practicaly since its inception. The organization is one of the oldest in the state—almost antedating the commonwealth's admission into the federal sisterhood.

The presence of a delegation of seventy-five or a hundred students from the state agricultural farm of St. Anthony Park was an unusual feature which was calculated to add greatly to the interest in the proceedings. The young people listened but spoke not. They showed great interest in the proceedings, remaining until noon. The forenoon session was taken up with papers and discussion on the general subject of "Small Fruits." The papers presented at the first session were: "Planting and Care of the Raspberry Field the First Season," by R. A. Wright of Eureka; "Covering Bush Fruits," by D. V. Plants of Long Lake; "Practical Advertising for the Fruit Grower," by Frank B. White of Chicago; "Strawberries for the Farmer," by Prof. William Robertson of St. Anthony Park.

The discussion contained much that was interesting and instructive. It was unanimously agreed that the eating of fruit should be encouraged—that all, young and old, should eat fruit. It was maintained that the eating of fruit was conducive to equanimity of temper and should be encouraged in school, in the homes and by all the means that could be made available. Children who ate fruit instead of meats were easily distinguished by their agreeable dispositions, it was maintained by those who had used their observation along these lines.

The afternoon session was taken up with many papers and much incidental discussion on the general subject of "Apples." The subject was treated in all its aspects, as follows: "Encouraging Words From Manitoba," Thomas Frankland, Stonewall, Man.; "Horticulture: Its Place on the Farm," George W. Strand, Taylor's Falls; "My Seed Orchard," T. E. Perkins, Red Wing; "Nature's Aid in Producing Apples Adapted to the Climate," Frank Yahuke, Winona; "Can We Raise the Winter Apple, and How?" F. W. Kimball, Austin; "The Propagation of the Apple Tree in Minnesota Should Be Encouraged," A. H. Reed, Glencoe; "The Future of the Apple in Minnesota," G. L. Taylor, Howard Lake; "Winter-killing Can Be Prevented," Andrew Wilford, Cleveland; "Apple Experimentation at the Minnesota Experiment Station," Prof. S. B. Green, St. Anthony Park; "Random Thoughts," T. T. Bacheller, Minneapolis.

President Pendergast will deliver his annual address to-day and other officers will submit reports. This evening the visitors will be tendered a reception by Mrs. C. M. Loring at her home on Clifton avenue.

Place Minn.
Paper
Date DEC -4 1902

HORTICULTURISTS ARE OPTIMISTIC

FAVORABLE RESULTS OF TWO MEETINGS YESTERDAY.

President Pendergast Says the Cause of Fruit Growing Has Taken a New Interest, Secretary Latham Shows Great Growth in Membership and Many Other Enthusiasts Talk Happily.

The horticulturists gathered in state meeting applied themselves with characteristic energy and enthusiasm to the work of two fruitful sessions yesterday. After this work they were regaled with an exceedingly interesting illustrated lecture on "Picturesque Mexico," by P. V. Collins of the Northwestern Agriculturist.

The forenoon session was devoted to reports. They were all favorable, and some of them were very optimistic. This was especially the case with President W. W. Pendergast. Forty years ago it was noted that it was thought impossible to raise apples in Minnesota, but many of those who were then skeptical have lived to see over forty varieties successfully raised in the state—500,000 bushels being raised this year. In the early days it was only thought possible to raise gooseberries, currants and raspberries, but as the years go by apples, plums, cherries and other small fruits are becoming more and more abundant.

Secretary A. W. Latham of Minneapolis told what progress had been made during the twelve years that he had been secretary of the society. The membership has grown from 41 in 1890 to 1,248 at the present time. Treasurer A. B. Lyman's report showed a balance of $715 in the treasury.

"Judicial Mindedness in Horticultural Experimentation" was discussed by L. R. Moyer of Montevideo. He urged members experimenting to be careful about jumping at conclusions in propagating new varieties, and not to think that either one failure or one success in a certain direction would necessarily indicate permanent failure or permanent success.

G. H. Purdy of Mason City, Iowa, in his paper on "The Business Side of Fruit Growing," called attention to the importance of the local market, maintaining that it was the best.

Miss Anna B. Underwood of Lake City gave her report as secretary, in which she dwelt on the growing importance of the out-of-door world and the excellent opportunities in the country for a pleasant and wholesome life.

Mrs. Virginia Meridith, preseptress of the College of Agriculture, gave an excellent talk on the influence of the girls' department at the school, and showed that the farmer's life was not as dismal as it is apt to be pictured at times.

A most delightful address was made by Miss Margaret J. Evans of Northfield.

"Whether life is worth living, at all," she began, "depends upon the liver." She spoke of many of the disadvantages which are supposed to confront the country people, and gave a poetic description of many other features which fully compensated for the deficiencies in certain lines.

F. E. Pease of Des Moines, Iowa, read an interesting paper, giving a plan for the ornamentation of the country home and its surroundings.

"The English Sparrow" was discussed by Mrs. G. F. Benson of Lake City. It was declared to be one of the dangerous pests and one that would sooner or later be instrumental in exterminating the more beautiful and useful native birds.

F. H. Nutter, city park engineer of Minneapolis, gave a talk on the methods of making the country schoolhouse and yard beautiful.

the Minnesota Horticultural society, now in session at Plymouth church. W. L. Parker of Farmington received second prize, and J. A. Howard of Hammond, third. The first prize for Wealthy apples in peck lots went to H. W. Schuman of Excelsior, the second prize to A. Willhrst of Cleveland. For apples on plates, four specimens, these awards were made:

Not in cold storage—Wealthy, H. W. Schuman, Excelsior; Wolf River, W. L. Parker, Farmington.

In cold storage—Wealthy, Jewell Nursery; Wolf River, Jewell Nursery.

At the afternoon session yesterday President W. W. Pendergast of Hutchinson surrendered the chair to Vice-President Jonothan Freeman of Austin. H. J. Baldwin of Northfield, relating "Ten Years' Experience in Celery Culture," told of ingenious methods for promoting a feminine fragility and an interesting pallor on the part of his beloved vegetable. How a root house might be built, not for roots but for fruits, was explained by F. L. Marsh of Champlin.

Waste Too Great.

In "Observations of a Commercial Traveler" C. B. Clark of Minneapolis said that spoiled fruit could be thrown away more profitably by the fruit grower than by the commission merchant. Hence Mr. Clark urged the growers to be sure that their fruit reached market in a saleable condition. The proportion of waste in most shipments, he said, was altogether too large. Technical information thoroughly appreciated was conveyed by Professor W. M. Hays of the state experiment station in a paper upon "Breeding Leguminous Plants." This was read by A. J. Phillips of West Salem, Wis.

At the conclusion of Professor Hay's essay the Horticultural society assembled in joint session with the Women's auxiliary. The secretary of the auxiliary, Miss Anna B. Underwood of Lake City, besought her hearers to establish at the state fair an exhibit of fruit grown by children.

"The Influence of the Girls' Department in the State Agricultural College," was set forth by Mrs. Virginia Meredith, preceptress at the college, as calculated to make the country-bred girl both happy and useful in her home. Like a model clubwoman Miss Margaret J. Evans of Northfield, began her paper with a sagacious quotation—"Whether life is worth living depends upon the liver." In the country, declared Miss Evans, life was decidedly worth living. After recounting the physical and moral advantages of a rural home Miss Evans suggested that the farmer might profitably bring his family to the city for a winter outing.

Good English Sparrows

The little English sparrow, said Mrs. G. F. Benson of Lake City, is lovable—in pie. Elsewhere he makes life gloomy for the prettier birds, and he should be placed beneath the crust whenever possible.

A happy family was described by V. D. Caneday of Taylors Falls at the afternoon session of the Minnesota Beekeepers' association. This domestic circle consisted of striped bees and speckled hens. Talking of "Bees on a Poultry Farm", Mr. Caneday said that the bee and the chicken soon learn to dwell peaceably together and to co-operate for the profit of their owner.

An illustrated lecture upon "Picturesque Mexico" was delivered last night at Plymouth church by P. V. Collins before a gratified audience of beegrowers and horticulturists.

Place Minn.
Paper
Date DEC -4 1902

The horticultural society has discovered that Minnesota is not far from the greatest apple state in the unioe

MINNEAPOLIS, MINN.
JOURNAL
DATE DEC -4 1902

PRIZES FOR APPLES

Jewell Nursery, Lake City, Wins First Place for Best Collection of All Varities.

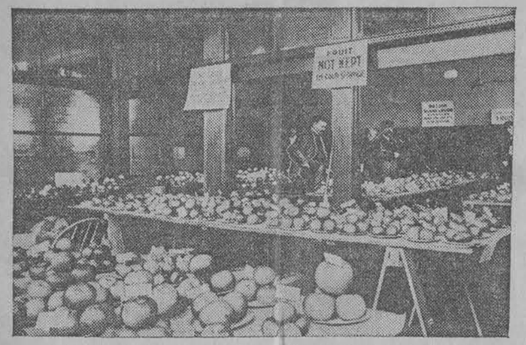
Other Prizes Awarded at Meeting of the State Horticultural Association.

The Jewell Nursery company of Lake City yesterday secured the first prize for the best collection of all varieties of apples exhibited at the annual meeting of

1902

JUDGES AWARD PRIZES FOR FRUIT

SAMPLES OF MINNESOTA FRUIT.



Display at the Convention of the Horticultural Society.
Snapshot by The Times Staff Photographer.

Excellence of Exhibits Makes the Work of the Committee Difficult and Delicate.

The judges whose duty it is to pass upon the exhibits made at the convention of the State Horticultural society have a most delicate and difficult task. Most of the committees completed their work yesterday and will report to-day. The closest contest was in seedlings.

The fruit exhibited was almost perfect and the task of selecting the best from a large number of exhibits was a hard one, but the judges are of the opinion that their awards will be found correct.

Awards Are Made.

The Jewell nursery of Lake City won first prize for the best collection of all varieties; W. L. Parker of Farmington, second, and J. A. Howard of Hammond, third.

H. W. Schuman of Excelsior won first prize for Wealthy apples in peck lots, and A. Wilfirst of Cleveland, second.

Other awards were announced as follows:

Apples on plates, four specimens:

Not in Cold Storage—Wealthy, H. W. Schuman, Excelsior; Wolf River, W. L. Parker, Farmington.

In Cold Storage—Wealthy, Jewell nursery; Wolf River, Jewell nursery.

Will Elect Officers To-day.

The officers will be elected to-day after the reports of the committee on awards are announced.

The reports of officers read in the morning session yesterday showed the society was gaining in numbers. Secretary A. W. Latham, who has been in office for twelve years, said that the society had grown from a membership of forty-one in 1890 to 1,248 in 1902.

Mr. Latham announced that a fund would be collected by the society to place a tablet in the horticultural hall at the state fair grounds in commemoration of the services of the late John Harris, formerly editor of Farm, Stock and Home.

President W. W. Prendergast in his address spoke of the wonderful improvement made in the cultivation of apples in Minnesota during the past twenty years.

The report of Treasurer A. B. Lyman, Excelsior, showed the society to be in good financial condition. Although over $3,000 have been expended this year, there remains a balance of $715.18.

Papers Are Read.

Three papers were read after the reports of the officers had been submitted. L. R. Moyer of Montevideo spoke on "Judicial Mindedness in Horticultural Experimentation." He urged experimenters never to jump at conclusions.

G. H. Purdy of Mason City, Iowa, the subject of whose address was "The Business Side of Fruit Growing," advised the farmer to trust chiefly to the home market.

George H. Whiting, whose talk related to shelter belts, said that belts of trees should be planted on the south side of the orchard, as well as the north, for the hot drying winds of mid-summer were nearly as destructive as the severely cold winds of winter.

At the afternoon session, presided over by Vice President Jonathan Freeman Austin, H. J. Baldwin gave many hints on the proper cultivation of celery, and was followed by F. L. Marsh, Champlin, who enlightened his hearers on how to construct a root house for the preservation of fruit.

INEAPOLIS, MINN.
JOURNAL
DEC -4 1902
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HABITAT OF FRUIT

The Horticultural Society Recommends Varieties for Different Sections of the State.

The General Fruit List Is Submitted and Provokes a Vigorous Discussion.

Recommendations of varieties of apples and plums adapted to different parts of Minnesota were made this morning before the annual meeting of the state horticultural society in the lecture-room of Plymouth church.

For southern Minnesota, O. W. Moore of Spring Valley recommended the Wealthy, Northwestern Greening, Nelson, Duchess of Oldenburg, Malinda, and the Patten Greening apples. The four best varieties of plums, he said, were the Surprise, Bitterwood, Ocheeda and Wyant.

For western central Minnesota, D. T. Wheaton of Morris thought the best apples were the Duchess, the Wealthy, the Patten Greening, the Hibernal, the Longfield and the Antinovka. Among plums he favored the De Sota, the Forest Garden, the Wolff and the Rolling Stone.

A fruit list for eastern central Minnesota had been prepared by Wyman Elliot of Minneapolis, but was not read. Nor was the list heard which R. H. Pendergast of Duluth had prepared for northeastern Minnesota. But all the lists will be published in the society proceedings.

The general fruit list for next year was presented by a committee consisting of Clarence Wedge of Albert Lea, J. P. Andrews of Faribault, and Professor S. B. Green of the state experiment station. This list, which was extensive, brought on an energetic discussion. The horticulturists by no means agreed with their committee at all points. The list, it was said, would be privately amended in practice by the experienced fruit growers. But in recognition of the committee's authority and knowledge the report was adopted without change.

Comments upon many experiments were given in the report of the committee on seedling fruits. O. M. Lord of Minnesota City, chairman of this committee, was associated with F. W. Kimball of Austin and Professor Green of the experiment station.

Wyman Elliot of Minneapolis, speaking for the committee on awards, pointed out the merits and defects of the seedling apples which are on exhibition. Mr. Elliot added a "Talk on Horticulture." He believed that the blight, which had lately been so prevalent, was due to a superabundance of moisture in the earth and air. A member added that cut worms, which were often more annoying than blight, could be destroyed by covering the ground, in the latter part of May, with a thick layer of straw. Then, just before the seedlings are planted in that ground the next fall, the straw should be burnt off. The cut worms, caught near the surface, would be disposed of and the soil would be found mellow.

In "Breakers Ahead! A Warning Cry to Apple Growers," O. M. Lord of Minnesota City indicated the urgent necessity for planting only the best trees. Fads, he said, must be ignored. The great danger was that time and money would be wasted upon varieties of fruit that would prove unfitted for this climate.

"Our Duty as Horticulturists" was interpreted by Alfred Terry of Slayton, to be not only the cultivation of the best fruits available, but the fostering of a public sentiment in favor of ornamental gardens and flower beds. The achievements of English horticulturists in elevating public taste were related by Mr. Terry.

First prizes for apples exhibited, exclusive of prizes already announced, were reported as follows by the committee on awards:

Fruit in Cold Storage—H. H. Pond, Hibernal, Briar Sweet, and Florence; G. Johnson, Patten's Greening; Ditus Day, Peach; William Oxford, Gideon, Haas, Anisen, and Sweet Russett; H. T. Buses, Minnesota, Hyslop, Lyman's Prolific and Shields' Crab; T. Redpath, Transcendent; J. R. Cummins, Kaump; W. L. Parker, Tiltofsky, Martha, Repeka, Cross, University, St. Lawrence, Christmas; Jewell Nursery company—Malinda, Lowland Raspberry, Orange, Autonovko, Charlamoff; October, Wealthy, Yellow, Transcednent, Ben Davis, Judson, Grundy, Fameuse, McMahon, Walbridge, Utley, Whitney, Tonka, Pride of Minneapolis, Yellow Sweet, Dartt, Hyslop; J. A. Howard—Brett, Bode, Barsdorf, Golden Russett, Longfield, Ortakoff, Pety, Phoebe, Duchess, Okabena, Rollins' Prolific, Romanka, Striped Amisen, White Pigeon, Early Strawberry, Gideon's No. Six, Gibb and General Grant.

WOMAN'S AUXILIARY ELECTION

Mrs. Emma White, of Minneapolis, Is Chosen President.

At the final session of the women's auxiliary to the Minnesota Horticultural society officers were re-elected this morning as follows: President, Mrs. Emma V. White, of Minneapolis; vice president, Mrs. Jennie Staser, Sauk Rapids; secretary, Mrs. Anna B. Underwood, Lake City; treasurer, Mrs. L. R. Moyer, Montevideo.

The executive board will be Mrs. A. B. Kennedy of Hutchinson and Mrs. L. E. Danforth of Northfield together with the officers, ex-officio.

The reports of the officers mentioned the success of the auxiliary in creating



William Tanner, Cannon Falls.

popular sentiment favoring ornamental horticulture. An important medium of influence had been the auxiliary's booth at the women's federation building on the state fair grounds.

Mrs. L. D. Kingsbury of Merriam Park read an entertaining report of the women's federation convention at Albert Lea.

—Made by The Journal Staff Photographer



John Nordine, Lake City.

Snap Shots at St



R. A. Wright, Excelsior.



F. M. Dolan, St. Paul.

lace.....St Paul Minn.
'aper.....News.
Date.....
DEC -4 1902

FRUIT DECLARED GOOD FOR PEOPLE'S TEMPERS.

That eating fruit is conducive to good temper was only one of many interesting things brought forth in the State Horticultural society's meeting in Minneapolis Monday. Children who eat fruit instead of meat, it was declared, are easily distinguished by their agreeable dispositions.

More than 250 men and women, all of them experienced in fruit culture, took part in the session, which was held at Plymouth church.

President Pendergast read his annual report to the society today. Mrs. C. M. Loring will hold a reception this evening for the convention guests.

Paper.....St. Paul Globe
Date.....DEC -4 1902

PRIZES AWARDED FOR FRUIT.

Horticultural Society's Membership Grows From 41 to 1,248.

The judges whose duty it is to pass upon the exhibits made at the convention of the State Horticultural society made the following awards yesterday:

The Jewell nursery, of Lake City, won first prize for best collection of all varieties; W. L. Parker, of Farmington, second; and J. A. Howard, of Hammond, third.

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Mr. Latham announced that a fund would be collected by the society to place a tablet in the horticultural hall at the state fair grounds in commemoration of the services of the late John Harris, formerly editor of Farm, Stock and Home.

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The report of Treasurer A. B. Lyman, Excelsior, showed the society to be in good financial condition. Although over $3,000 have been expended this year, there remains a balance of $715.18.

INNEAPOLIS, MINN.
TIMES
ATE..... DEC - 5 1902

TURISTS OFFICERS

State Association Will Be Presided Over by Clarence Wedge, of Albert Lea--Convention Adjourns To-day.

The Minnesota Horticultural society held its annual election in Plymouth church yesterday afternoon. There was no contest over any of the positions and most of the officers were elected on the first ballot.

Clarence Wedge of Albert Lea was elected president.

The following vice presidents were elected, one for each congressional district: Frank Yahnke, first district, Winona; David Secor, second district, Winnebago City; A. H. Reed, third district, Glencoe; B. J. Hoyt, fourth district, Merriam Park; W. L. Taylor, fifth district, Howard Lake; D. F. Wheaton, sixth district, Morris; D. C. Hazelton, seventh district, Aitkin; T. A. Haverstad, eighth district, Crookston; R. A. Wright, ninth district, Eureka.

A. W. Latham, Minneapolis, and A. B. Lyman, Excelsior, were reelected secretary and treasurer, respectively. Professor S. B. Green, in charge of the St. Anthony Park experiment station, and J. M. Underwood, Lake City, were chosen to fill vacancies on the executive committee caused by the expiration of the terms of two of the members.

Lives Up to Its Name.

Four fruit lists for the various parts of Minnesota were submitted at the morning session, all of which recommended the Wealthy apple, native to Minnesota, as the most profitable.

Two of the lists were not read, but will be published in the annual report of the society.

Alfred Terry, Slayton, spoke on "Our Duty as Horticulturists," and O. M. Lordin, in his address, warned the farmers against cultivating too many varities of fruit.

The general fruit list for next year, presented by Clarence Wedge of Albert Lea, afterward elected president of the society; J. P. Andrews of Faribault and Professor Green of the state experimental station, was adopted after considerable heated discussion.

Previous to the election of officers in the afternoon, which closed the sessions for the day, David Secor of Winnebago City spoke on "Beauty with Utility on the Village Lot," and F. M. Dolan of St. Paul on "Planting and Care of a New Park or Cemetery."

Banquet Last Night.

The annual banquet of the horticulturists was tendered the society by "Farm, Stock and Home," as its contribution toward a fund for the erection of a memorial tablet to John S. Harris. Over 200 persons attended the dinner, which was held in the basement of the First Unitarian church. J. M. Underwood acted as toastmaster. Toasts were responded to by the following: W. W. Prendergast, Hutchinson; John Day Smith, Minneapolis; Professor N. E. Hansen, Brookings; T. E. Loope, Eureka, Wis.; O. C. Gregg, Lynd; A. J. Phillips, West Salem, Wis., and S. M. Owen, Minneapolis.

To-day will close the convention. The president will read his address in the morning, followed by several papers bearing on horticulture. The committees will make their reports to-day and the session will close at 4:30 this afternoon. The conventions of the beekeepers' and forestry associations will also end to-day.

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NNEAPOLIS, MINN.
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MAY RAISE ORANGES

Minnesota Horticulturists Are Optimistic to a Remarkable Degree.

EVEN TALK COFFEE NOW

O. M. Lord, of Winona, Utters a Cry of Warning Against Fads in Apples.

Some of the horticulturist of the state have high hopes for the future prospects of fruit growing in Minnesota and have gone so far as to express the opinion that oranges would eventually be successfully grown on the shores of Lake Minnetonka.

It was pointed out by one of the members at one of the meetings of the society that a Louisiana grower had produced an orange which was sufficiently hardy to stand the climate in the Northern states, and it would be difficult to predict what would take place after the variety had been tested in the state for fifty years. Another member suggested the possibility of raising coffee, and peaches have already been introduced with some success.

At yesterday's session, however, O. M. Lord af Minneota City, uttered a cry of warning which was not quite as hopeful, though he wished it understood that he meant his warning to be taken in its mildest significance.

MR. ELLIOTT'S SELECTIONS.

Alfred Terry of Slayton spoke about "Our Duty as Horticulturists." Wyman Elliott of Minneapolis, in recommending a fruit list for Eastern Central Minnesota, gave the names of the Wealthy as the first in hardiness and productiveness and said that if he were to plant trees he would use 90 per cent of that variety. He gave the Duchess second place. He was in doubt about the third, but entered the Northwestern Greening. It was especially a good keeper. These three were all that he would recommend and all were given with a view of their commercial value.

D. T. Wheaton, of Morris, gave a list for western Minnesota and mentioned the Wealthy, the Hibernal and the Longfield as among the most successful varieties.

The committee on seedling fruits reported a number of entrees for which prizes had been awarded. Frank Yahnke was given first place with Winter King and J. W. Ramsden second with the Hamburg.

Those who were awarded first prizes in the exhibit were the Jewell Nursery Company, H. M. Shuman, H. H. Pond, G. Johnson, Ditus Day, William Oxford, H. F. Busse, T. Redpath, W. L. Parker, J. A. Howard, Dewain Cook, W. L. Taylor, F. T. Harris, George W. Strand, F. Yahanke, O. F. Brand, H. H. Helns, J. W. Ramsden, Thomas Redpath.

AFTERNOON SESSION.

The bee-keepers had a meeting at which it was proposed to make a creditable honey exhibit at the St. Louis exposition and a committee was appointed to make the arrangements with the state commissioner and report next year as to the success of such an attempt.

William Russell, of Minnehaha Park, delivered the annual address as president of the association. Walter Ansell, of Milaca; N. S. Gordon, of Crookston, and Mrs. D. C. Hazelton, of Cutler, also presented papers at the meeting.

Yesterday afternoon the following papers were read and discussed:

"The Uses and Abuses of the Honey Bee," Frank Yahnke, Winona; "State Dairy and Food Commissioner," G. L. Dingman, St. Paul.

ELECTION OF OFFICERS.

The election of officers also took place yesterday afternoon. W. W. Pendergast of Hutchinson was urged to accept a re-election to the office of president, but gracefully declined. Clarence Wedge of Albert Lea was nominated by J. M. Underwood, formerly president of the society, and as there was no opposition he was elected unanimously. Others elected were: Vice-presidents: Frank Yahnke, Winona; David Secor, Winnebago City; A. H. Reed, Glencoe; B. T. Hoyt, Merriam Park; W. L. Taylor, Howard Lake; D. T. Wheaton, Morris; D. C. Hoyelton, Aitkin; T. A. Hoverstad, Crookston; R. A. Wright, Eureka.

S. B. Green of St. Anthony Park and J. M. Underwood of Lake City were elected to places on the executive committee left vacant by the expiration of two members' terms. A. B. Lyman was elected treasurer.

At the conclusion of the business session the lecture room was given over to the Minnesota Forestry association and President C. M. Loring took the chair.

Mr. Loring spoke on the subject of "Roadside Trees," in an interesting manner and showed what lasting monuments could be left by even the poorest people if they took advantage of the opportunity of planting trees. He had been accused of indulging in unnecessary work by people who saw him plant trees years ago because it was said he would never live long enough to enjoy their shade, but by this time he has enjoyed the shade for many years and expects to enjoy it for many more years.

Mr. Loring referred to the State Agricultural college as the grandest among the grand state institutions.

H. H. Chapman of Grand Rapids gave a lengthy historical review of the part Minnesotans took in securing the forest reserve.

S. M. Owen spoke with prophetic vision in regard to the depletion of the forests and the necessity of looking ahead and making provisions to rehabilitate the soil so that another crop of timber would be grown to maturity in the next fifty years.

C. C. Andrews, state fire warden, was present and made some timely remarks relating to the protection of the forests from fires and the importance of taking steps to prevent them instead of trying to stop them after they have started.

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THE ANNUAL BANQUET.

A pleasant relaxation from the more serious business of the convention was the annual banquet last evening in the basement of the First Unitarian church. The banquet was tendered the society by the Farm Stock and Home company as its contribution to a fund for the erection of a memorial tablet to John S. Harris.

The elaborate menu was served at 6:30 o'clock, after which the following program was given amid much applause and merriment, under the witty direction of J. M. Underwood of Lake City, who acted as toast master:

Opening song, "Good Company," Prof. Crosby Hopps, Minneapolis; presentation to the society of a life-sized portrait of W. W. Pendergast, the presentation speech made by Wyman Elliott, Minneapolis; "Strength in Weakness," W. W. Pendergast, Hutchinson; "Horticulture a Social Safety Valve—Load It Lightly," John Day Smith, Minneapolis; "From A to Z in Horticulture—We Are Only Beginners," Prof. N. E. Hansen, Brookings, S. D.; "A Seedling Apple Crank—the Mississippi No Barrier to Such As He," T. E. Loope, Eureka, Wis.; "The Good Dinner," a reading by Miss Fay Latham, Howard Lake; "The Cowherd in the Orchard—A Frontier Combination," O. C. Gregg, Lynd; "The Frog Song," T. E. Loope; "If I Could Raise the $1,000 Seedling—and Other 'Ifs'" A. J. Philips, West Salem, Wis.; "Memory Our Dearest Possession—We Live Much in the Past," S. M. Owen, Minneapolis; song, "When the Mists Have Rolled Away." Prof. Hopps.

LAST MEETINGS TODAY.

The society will conclude the business of the convention by sessions this morning and afternoon.

The Bee Keepers elected the following officers for the ensuing year: President, Wm. Russell, Minnehaha Park, Minn.; first vice-president, Geo. A. Forgerson, Rosemount, Minn.; second vice-president, G. H. Pond, Bloomington, Minn.; third vice-president, Dr. Mary McCoy, Duluth, Minn.; secretary, Dr. L. D. Leonard, Minneapolis; treasurer, L. E. Day, Clinton Falls, Minn. Executive committee: H. G. Acklin, St. Paul; F. A. Gray, Redwood Falls, Minn.; Dr. E. K. Jaques, Robbinsdale, Minn.

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POINTS ON PLUMS

They Are Given the State Horticultural Society by Its Retiring President.

The Cherry Can Be Grown in Minnesota, Too—Convention Completes Its Work.

Plums were prominent among the subjects discussed by experienced politicians and fruitgrowers this morning at the annual meeting of the State Horticultural society. W. W. Pendergast of Hutchinson, the retiring president of the society, knew something about many kinds of plums. He would like to have them all, he said, but he could hope to secure a few only. He read, however, a list of the plums with which he was especially enamoured, that his hearers might make their own selections. The plum, he added, enjoyed this distinction, that it grew here before the politicians and that Father Hennepin probably ate plum pudding with the aboriginies.

Daniel Buck of Mankato displayed a pleasant familiarity with "The Mankato Plum." The fruit so called, said he, was first produced on a tree planted by Louis J. Elder in Nicollet county, four miles north of Mankato, thirty-six years ago. The variety was admirably adapted to Minnesota's climate.

For "Marketing the Plum" successfully, said Martin Penning of Sleepy Eye, it should be shipped in clean, half-bushel baskets protected by clean covers. The fruit intended for sale should be honestly and carefully selected.

Native Cherries.

Although native cherries are still uncommon in this state, W. S. Widmoyer of Dresbach told how they might be cultivated profitably. They need, he said, a very favorable location, black, sandy soil, and a clay subsoil. They should be planted as early as possible and set from four to six inches deeper than they grew in the nursery. All but four or five of the side branches should be lopped off. The soil about the trees should be well cultivated until the trees begin to bear. Before the buds open in the spring the trees should be well sprinkled with Bordeaux mixture. The same mixture, to which Paris green has been added in the proportion of one-quarter pound of powder to fifty gallons of mixture, should be used on the trees when the cherries are one-quarter to one-third grown. The best varieties of cherries for Minnesota, in the opinion of Mr. Widmoyer, are the Early Richmond, the Kentish Red, the Wragg, the English Morello, the Homer and the Montmorency.

In his paper upon "Lessons from Pruning," Jonathan Freeman of Austin impressed the point that no branch should be cut without a reason for the cutting. Excessive and indiscriminate pruning should eb vigorously discouraged.

"Care of the Trunks of Apple Trees," according to A. D. Leach of Excelsior, include measures to protect the tree against various enemies. Injury from rabbits and from "sunscald" could be minimized by surrounding the trunk with a protector composed of lath and wire. This armor should be removed each September and put back again in November. During October the bark should be scraped. The application afterwards of a strong solution of soap and water would give the tree a clear complexion. If a quarrelsome tree got "wounded," the wounds should be poulticed at once with white lead and oil. Mice would seldom eat up an apple tree, said Mr. Leach, if the trunk were banked with a foot of earth every fall.

Remedy for Bad Boys.

Juvenile readers in and about Excelsior should note and remember Mr. Leach's remedy against boys. "As for the bad boy, oh, give him what apples he can eat and a few for his pockets, and he'll become your best friend."

A paper by D. C. Hazelton of Nichols upon "The Pollination of the Martha Crab," explained that a few bees upon respectful terms with the family and on a more sociable footing with the crab apple trees will assist materially at pollination parties.

Most members didn't understand what Prof. N. E. Hansen of Brookings, S. D., said about "Plant Breeding and Hybridization at the International Conference," but Prof. Hansen didn't expect to be understood. He said that the conference had been chiefly interested in a discussion of "Mendel's laws," and he explained, so far as the matter should be made clear on the instant, that these laws, discovered by an humble ecclesiastic in eastern Europe are being accepted now as the greatest contribution, since the days of Darwin, to the principles of animal and vegetable heredity.

Heavy mulching in the spring, said N. C. Radabaugh of Minneapolis, would delay the appearance of apple blossoms a week or ten days and would thus protect them against late frosts.

The horticulturists finally adjourned this afternoon.

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THE CITY WEDGE IS PRESIDENT

Albert Lea Man Chosen to Succeed W. W. Pendergast Who Declined Re-election.

A. W. Latham of Minneapolis Again Made Secretary—The Other Officers Elected.

Clarence Wedge of Albert Lea yesterday afternoon was elected president of the Minnesota State Horticultural society at the annual meeting now in session at Plymouth church. The retiring president, W. W. Pendergast of Hutchinson, declined to accept a re-election.

The offices were filled without a contest. A. W. Latham of Minneapolis was again elected secretary, and A. B. Lyman of Excelsior was re-elected treasurer. Prof. S. B. Green of the state experiment station and J. M. Underwood of Lake City were named to fill vacancies on the executive committee. Frank Yahnke of Winona was chosen vice president for the first congressional district; David Secor, Winnebago City, for the second district; A. H. Reed, Glencoe, for the third district; B. J. Hoyt, Merriam Park, for the fourth district; W. L. Taylor, Howard Lake, for the fifth district; D. F. Wheaton, Morris, for the sixth district; D. C. Hazelton Aitkin, for the seventh district; T. A. Haverstad, Crookston, for the eighth district; and R. A. Wright, Eureka, for the ninth district.

A protest against treeless, grassless yards, neither productive nor picturesque, was conveyed yesterday afternoon in a paper read before the horticulturists by David Secor of Winnebago City upon "Beauty with Utility o nthe Village Lot." F. M. Dolan of St. Paul gave expert information as to "The Planting and Care of a New Park or Cemetery."

The Annual Banquet

More than 200 members of the society attended last night the annual banquet, which was served in the parlors of the First Unitarian church. The banquet was arranged by "Farm, Stock & Home," which contributed the proceeds towards the erection of a memorial tablet in honor of the late John S. Harris. The toastmaster at the banquet was J. M. Underwood of Lake City. He introduced ingeniously the speakers in the following program:

Song, "Good Company," Crosby Hopps, Minneapolis; presentation to the society of a life size portrait of W. W. Pendergast, the retiring president, the gift being tendered through Wyman Elliott of Minneapolis; toast, "Strength in Weakness," W. W. Pendergast, Hutchinson; "Horticulture a Social Safety Valve—Load It Lightly," John Day Smith, Minneapolis; "From A to Z in Horticulture—We Are Only Beginners," Professor N. E. Hansen, Brookings, S. D.; "A Seedling Apple Crank—the Mississippi No Barrier to Such as He," T. E. Loope, Eureka, Wis.; reading, "The Good Dinner," Miss Fay Latham, Howard Lake; toast, "The Cowherd in the Orchard—a Frontier Combination."

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O. C. Gregg, Lynd; "The Frog Song," T. E. Loope; "If I Could Raise the $1,000 Seedling, and Other Ifs," A. J. Phillips, West Salem, Wis.; "Memory Our Dearest Possession—We Live Much in the Past," S. M. Owen, Minneapolis; song, "When the Mists Have Rolled Away," Crosby Hopps.

Forestry Association.

The Minnesota State Forestry association held its annual meeting yesterday afternoon in joint session with the Horticultural society. C. M. Loring of Minneapolis was re-elected president, and S. M. Owen, also of Minneapolis, was chosen one of two vice presidents. The number of vice presidents was unanimously reduced from nine to two. T. M. Duncan was elected secretary and G. W. Strand treasurer.

President Loring, whose topic was "Roadside Trees," cited local instances where unattractive bits of land had been made decorative by the planting of a few trees. Trees along the roadside were not only beautiful but wholesome. Mr. Loring hoped to see the time when Minnesota could be as proud as New England is of its ornamental trees. When he himself planted trees once upon a time he had been laughed at. People said he would never live to see the trees flourish. But in fact he had enjoyed for many years the shade of those same trees.

Compliment for Mr. Chapman.

The women of Minnesota, declared H. H. Chapman of Grand Rapids, were entitled to the most credit for the influential part taken by this state in securing a forest reserve. Mr. Chapman approved the Morris bill, but thought it did not go far enough.

In an informal speech, General C. C. Andrews, chief fire warden of the state, said that much encouragement for the cause of forestry lay in the fact that hundreds of young men are now studying that subject in the University of Minnesota. S. M. Owen asked the friends of forestry to do their utmost towards shaping public sentiment. Once established, such sentiment would make favorable legislation easy.

Beekeepers Adjourn.

At the final session of the Minnesota Beekeepers' association yesterday afternoon, C. L. Dingman of St. Paul, assistant dairy and food commissioner, said that a bill would be presented to the legislature this winter prohibiting the false labeling of food products. The particular deception in which the beekeepers were interested was the practice of certain dealers who put their own names on any brand of honey that has earned a reputation for superiority. The food commission, added Mr. Dingman, would exert itself to prevent this fraud.

Another measure which the legislature will be asked to adopt will notably aid the work of the commission. Provision will be requested for publishing monthly the names of all persons that have violated the pure food laws within the month. Such publicity will not only protect consumers, said Mr. Dingman, but will influence dealers who are now indifferent to the laws.

A committee was appointed to arrange for a honey exhibit by the association at the St. Louis fair in 1904.

The association officers were unanimously re-elected. They are: President, William Russell, Minnehaha Park; first vice president, George A. Forgerson, Rosemount, second vice president, G. H. Pond, Bloomington; third vice president, Dr. Mary McCoy, Duluth; secretary, Dr. L. D. Leonard, Minneapolis; treasurer, D. E. Day, Clinton Falls; executive committee, H. G. Acklin, St. Paul; F. A. Gray, Redwood Falls, and Dr. E. K. Jacques, Robinsdale.

FRUIT MEN ALL THROUCH

Last Session of Horticultural Society Convention Yesterday.

SHY AT A RESOLUTION

Favored Law Providing for the Inspection of Orchard and Nursery Stock.

The thirty-sixth annual convention of the Minnesota State Horticultural Society came to a close yesterday after five days of interesting and profitable discussion. A great number of papers have been read during the various meetings, and about all phases of fruit raising has been covered so that the volume of proceedings which is published every year will be of permanent value to the members of the association.

Clarence Wedge, the newly elected president, occupied the chair during the last sessions, and made appropriate remarks in assuming the responsibilities of the office.

Orchard fruits was the general subject considered yesterday, and the subjects of pruning and pollination came in for a large share of the discussion. There seemed to be diversity of opinion in regard to pruning, but a vote at the close of the discussion showed that the majority were in favor of spring pruning rather than fall pruning. Jonathan Freeman of Austin started the subject by reading a paper on "Lessons in Pruning."

"Pollination of the Martha Crab—With Diagram of Orchards," was discussed by C. Hazelton of Nichols. A. D. Leach, Excelsior, gave some detailed suggestions in regard to the care of the trunks of apple trees.

W. W. Pendergast talked about plums, and he showed such familiarity with his subject that it was suggested that he be named the "Plum Deacon" of the society.

"The Marketing of Plums" was the subject of a paper by Martin Penning of Sleepy Eye; N. C. Radabaugh of Minneapolis gave his experience in the best ways of protecting apple blossoms from frost; and Prof. N. E. Hansen of Brookings, S. D., gave a resume of some of the advanced questions of interest to horticulturists which were discussed at the last international conference.

At the afternoon meeting the general subject of orcharding was taken up, and the following papers were read and discussed:

"Failure of the Plum Crop in 1902," A. K. Bush, Dover; "The Mankato Plum," Daniel Buck, Mankato; "Growing Cherries in Minnesota," W. S. Widmoyer, Dresbach; "Planting and the Care of the Farmer's Apple Orchard," W. J. Tingley, Withrow; "Orcharding on the Farm," Thomas E. Cashman, Owatonna; "Harvesting and Marketing From the Commercial Orchard," W. C. Corbett, Minneapolis; "Girdling Fruit Trees for Productiveness," E. H. S. Dartt, Owatonna; "Fifty Years of Experience with Fruits in Minnesota," S. D. Richardson, Winnebago City; "The Commercial Orchard in Minnesota," C. L. Blair, St. Charles.

To demonstrate that Minnesota is not a new apple growing state, Wyman Elliott held up a plate of apples grown this year on a tree which had been planted in 1844 and was in his opinion the oldest apple tree in the state.

A resolution was introduced favoring the passage of a law providing for the inspection of orchards and nursery stock so that there would be no possibility of spreading diseased and worthless trees and other plants.

Such a law is in operation in Iowa, and the freight offices and express companies are not allowed to carry fruit trees that have not been properly inspected by the state authorities. The matter aroused some suspicion at once and numerous explanations became necessary before the matter was finally dropped.

It was thought that the purpose of taking such a course had been instigated by the nurseries for their benefit. An action similar to this had been taken once before by the association, and the matter was killed in the legislature because it was credited to certain nurseries. Another effort along that line was thought to be futile.

C. L. Smith, one of the organizers of the society thirty-six years ago, was present at the afternoon session and made a stirring address upon the possibilities and the successes of horticulture in Minnesota.

When the society was organized the asylum at St. Peter was suggested by the newspapers as the proper place for the next annual meeting. Now things are different, and all parts of the United States and British Columbia are using the reports of the Minnesota Horticultural society as a basis for experiments and a standard of success.

Place ..... Minn.
Paper St. Paul Pioneer Press
Date ..... DEC -5 1902

FRUIT GROWERS DISCUSS APPLES

Recommendations Made and Prizes Awarded by the Horticulturists.

Fruit lists for Southern and Western Central Minnesota were read yesterday at the annual meeting of the State Horticultural society, which is in session at Minneapolis.

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O. W. Moore, of Spring Valley, recommended for Southern Minnesota the Wealthy, Northwestern Greening, Nelson, Duchess of Oldenburg, Malinda and the Patten Greening apples. The four best varieties of plums, he said, were the Surprise, Bitterwood, Ocheeda and Wyant.

For Western Central Minnesota D. T. Wheaton, of Morris, thought the best apples were the Duchess, the Wealthy, the Patten Greening, the Hibernal, the Longfield and at Antinovka. Among plums he favored the De Sota, the Forest Garden, the Wolff and the Rolling Stone.

The lists for Eastern, Central and Northeastern Minnesota, which had been prepared by Wyman Elliot, of Minneapolis, and R. H. Pendergast, of Duluth, were not read, but will appear in the published proceedings of the society.

The general fruit list for next year was presented by a committee consisting of Clarence Wedge, of Albert Lea; J. P. Andrews, of Faribault, and Prof. S. B. Green, of the state experimental station. The horticulturists did not agree with the committee on all points, but in recognition of the authority and knowledge of the committee, the report was adopted, after discussion, without change.

Wyman Elliot, speaking for the committee on awards, pointed out the merits and defects of the seedling apples on exhibition. O. M. Lord urged the planting of only the best trees. Fads, he said, must be ignored. The great danger was that time and money was wasted upon varieties of fruit that would prove unfitted for this climate.

Alfred Terry, of Slayton, said the duty of horticulturists was not only the cultivation of the best fruits available, but the fostering of public sentiment in favor of ornamental gardens and flower beds.

First prizes for apples, exclusive of prizes already announced, were reported by the committee on awards as follows:

Fruit in Cold Storage—H. H. Pond, Hibernal; Briar Sweet and Florence; G. Johnson, Patten's Greening; Ditus Day, Peach; William Oxford, Gideon, Haas, Anisen and Sweet Russet; H. T. Busee, Minnesota, Hyslop, Lyman's Prolific and Shields' Crab; T. Redpath, Transcendent; J. R. Cummins, Kaump; W. L. Parker, Titofsky, Martha, Repeka, Cross, University, St. Lawrence, Christmas; Jewell Nursery company—Malinda, Lowland Raspberry, Orange, Autonovko, Charlamoff; October, Wealthy, Yellow, Transcendent, Ben Davis, Judson, Grundy, Famouse, McMahon, Wallbridge, Utley, Whitney, Tonka, Pride of Minneapolis, Yellow Sweet, Dartt, Hyslop; J. A. Howard—Brett Bole, Barsdorf, Golden Russet, Longfield, Oriakoff, Pety, Phoebe, Duchess, Okabena, Rolling Prolific, Romanka, Striped Amisen, White Pigeon, Early Strawberry, Gideon's No. Six, Gibb and General Grant.

Austin Minn.
Place .....
Paper HERALD
Date DEC -5 1902

MISS MARGARET EVANS of Carleton suggested to the farmers at the State Horticulture meeting that they bring their families to the city for a winters outing. Did she also suggest that they bring their chickens, their pigs, their cattle and horses? Or were these to take care of themselves? Did she suggest where all these farmers would find houses in town or were they to camp out making it a veritable outing? Did she suggest any comfortable way of their moving their effects about Dec. 15th, when roads and weather are apt to be bad? Did she point out any source of income from milk, butter, eggs, hay etc which the farmers somehow counts upon during the winter. But above all she shows the wonderful advantages of a town over the country for winter residence? Did she show wherein the church sociable or card party of a town was superior to the card party or the neighborhood gathering of the country? Did she indicate that a walk through the snow from the outskirts of a town for shopping purposes far ahead of a ride in a warm sleigh with spirited horses, five or ten miles? No, the suggestion was not practical and the farmer will doubtless find his winter residence on the farm a more attractive place than an outing in the city The leisure and pleasure of the farmers' life crowds into the winter months. Don't take that from

Paper Minneapolis Journal
Date DEC -5 1902

RECORD OF WORK

Report of Officers of State Horticultural Society.

Several Papers are Presented Upon Interesting Subjects.

The rapid growth of the Minnesota Horticultural Society was made clear in Minneapolis Wednesday at the annual meeting of the society held at the Plymouth church. In 1890, said Secretary A. W. Latham in his report, the society had 159 members; now it has 1,248, of whom 240 were added in the last twelve months. Mr. Latham referred to the death of J. L. Adams of Glenwood, vice president of the seventh district, and to the death of Henry M. Lyman, superintendent of the experiment station at Excelsior.

A fund will be collected by the society, added the secretary, in order that a tablet may be placed in horticultural hall at the state fair grounds to commemorate the services rendered to horticulture by the late John S. Harris, horticultural editor of Farm, Stock and Home.

There have been only two attempts this year to secure the prize of $1.000 which the society offers to anyone perfecting an apple which will be sufficiently hardy for Minnesota and yet attain a high standard in other respects. The competitors were unsuccessful, but Mr. Latham expects the prize to be captured before long.

Treasurer A. B. Lyman reported that he had expended more than $3.000 this year, but that he still had in hand $715.18.

Professor S. B. Green of the state agricultural school, E. H. E. Dart of Owatonna, Dewain Cook of Windom, I. R. Moyer of Montevideo and J. S. Parks of Pleasant Mounds, all superintendents of trial stations, presented reports showing progress toward the acclimating of profitable fruits. Patience, the superintendents said, was the only essential. The trials had made it manifest that the climate of this state is not in itself inimical to the cultivation of fruit.

L. R. Moyer of Montevideo, who read the report of the committee on "The Ornamental List," told of various shrubs and trees that may be profitably employed here for ornamental purposes.

Mr. Moyer also favored the society with a paper upon "Judicial-mindness in Horticultural Experimentation." He impressed the argument that no horticultural experimenter could afford to jump at conclusions. His trials must be prolonged and exhaustive.

Telling of "The Business Side of Fruit Growing," G. H. Purdy of Mason City, Iowa said the home market is usually the most profitable to the grower. In case that market is glutted, the horticulturalist should ship his fruit to some reliable dealer of whom definite information was available. The grower should not trust every man that happened to be a commission merchant. It would also be well for the grower temporarily out of his home market to inquire where the fruit he sells is in demand. The same fruit may often be almost unsalable at one town and in great demand at a town twenty-five miles away. Finally came in this Solomonic peal, "Put your brand only on your very best fruit."

That "shelter belts" of trees should be placed in Dakota along the south side of orchards as well as along the north side, was urged in a paper by George H. Whiting of Yankton, S. D., upon "The Effect of Shelter Belts on

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productiveness." Belts on the south side, said Mr. Whiting, keep off the hot, drying winds of midsummer, and are beneficial to both fruit and corn.

The society listened to several papers including one by W. H. Hays of the state experiment station upon "Breeding Leguminous Plants." C. B. Clark of Minneapolis, related "Observations of a Commercial Traveler."

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MERITED HONOR.

Clarence Wedge President of State Horticulturists.

Late last night Clarence Wedge, who conducts the extensive nursery north of this city, was elected president of the State Horticultural society at the meeting just held in Minneapolis. This is a merited honor conferred by the largest and most successful society of the kind in the United States. Mr. Wedge has been in the nursery business some years and he has been enthusiastic in the work in general and he has paid especial attention to the propagation of the most hardy varieties, not forgetting to encourage the raising of seedlings with the hope that excellent results may be achieved. By his fair methods he has built up a very large business and is now one of the most prominent and successful nurserymen in the northwest. The state horticulturists have chosen wisely and their work will progress and prosper under the management and supervision of the new president. The TRIBUNE takes special pleasure in recommending Mr. Wedge, as it knows perfectly whereof it speaks.

Dec 5-1902-Times

Large appetizing red apples of the Wealthy variety brought $1 apiece at the closing session of the Minnesota Horticultural society yesterday afternoon. The fruit, which is native to this state, proved that its name was no misnomer. Twenty-five apples were sold in half as many minutes for this unusual price.

The Jewell nursery, Lake City, presented a barrel of the fruit to the society and the proceeds were devoted toward a memorial fund to Peter M. Gideon, the originator of the Wealthy apple, universally admitted to be the best apple grown in the northwest. After numerous experiments with seedlings, all of which were made in the vicinity of Minneapolis, Mr. Gideon succeeded in producing this fruit.

Annuity for Research.

The fund which has been collected by the society for the past three years now amounts to $400. When it reaches sufficient size, the aid of horticultural societies in other states will be solicited. Delegates from Wisconsin, Nebraska, South Dakota and Iowa, who were present at the Minnesota convention, said that at the next meeting of the organizations of their respective states, a movement would be started to add to this amount.

It is intended, when the fund has attained proportions large enough to pay ample interest, to invest it, and an annuity will be offered as prizes for research work by students of horticulture in the Minnesota Agricultural school.

Clarence Wedge, the newly-elected president, presided over the meetings yesterday.

Orchard fruits were considered at the early morning session and several papers were read for the most part bearing on pruning and pollination. When was the best time to prune, invoked much discussion, but the majority believed that spring pruning was the most beneficial.

Plums and plum cultivation occupied the remainder of the morning. W. W. Prendergast, Hutchinson, the retiring president, and others told of their experiences with this fruit.

Discussion on Orcharding.

In the afternoon the horticulturists exchanged experiences and ideas on the general manner of orcharding, the care of trees, fruit, etc. The following papers were read: "Orcharding on the Farm," by Thomas E. Cashman, Owatonna; "Orcharding on Our Western Prairie," by Dewain Cook, Jeffers; "Harvesting and Marketing from the Commercial Orchard," by E. H. S. Dart, Owatonna;" "Fifty-nine Years' Experience with Fruits in Minnesota," by S. D. Richardson, Winnebago City.

Great difference of opinion was shown as to the proper method of planting trees. Some advocated setting the roots deep in the ground to avoid winter killing, while others thought that this prevented the growth of surface roots and in this way injured rather than aided the hardiness of the tree.

Several believed that the tree should be set in a sort of basin with the ground sloping toward the trunk to get the benefit of all moisture, and just as many asserted that this did more harm than good. In the end it was developed that the soil and conditions were so widely different throughout the state that the farmer must choose the method most suitable to the section in which he lives. In sandy soil plant deep, in damp earth plant high.

Favor State Inspection.

At the close of the talk on orcharding it was decided after much discussion to recommend a bill to the next legislature, requiring all orchards and fruit stock to be inspected by state officials, annually or oftener. A great many thought that the resolution was drafted merely for the purpose of carrying a "rider" that would give the larger nurseries a monopoly of the trade. This was disproved by its being shown that the bill was drawn up by a member of the state experiment station and had for its object solely the protection of grower and consumer alike from spurious and infected fruits.

Two other resolutions were adopted before the convention closed. One thanked W. W. Prendergast, the retiring president, for his untiring services in behalf of the society, and the other expressed the organization's gratitude to the press of Minneapolis for the publicity given in its columns to the meetings of the society and the kindly manner in which they were treated.

Minn.

Paper

Date DEC 6 1902

The State Horticultural Society held its annual meeting in the city during the week. According to the report of President W. W. Pendergast, a half million bushels of apples were raised in Minnesota this year, and they are the best apples in the whole country.

Place

Paper

Date DEC 7 1902

The State Horticultural society and the department of agriculture at Washington are determined that Minnesota shall raise oranges. The agricultural department is developing one that will stand frost and then we'll have an orange grove on every south slope. A little later cocoanut trees will fringe the creeks and lions will do battle with the wolves in St. Louis county.

INNEAPOLIS, MINN.
JOURNAL

ATE DEC -6 1902

INSPECTION FAVORED

Horticultural Society Will Seek Legislation Requiring Inspection of Nursery Stock.

Wealthy Apples Sell at $1 Each —Money Goes Into the Gideon Fund.

The inspection of nursery stock, to prevent the dissemination of diseased and spurious fruit trees, is the object of a bill recommended to the state legislature yesterday afternoon in a resolution adopted by the Minnesota Horticultural society. The resolution passed in substitute form after an extended discussion. The fault found with the original resolution was that it might establish a license system which would be injurious to some of the smaller nurseries.

Other resolutions were adopted at this final session of the annual meeting. The retiring president, W. W. Pendergast, was formally thanked for his efficient service in behalf of the society, and the local press was thanked for the publicity given to the annual proceedings.

Apples at $1 Per.

Minnesota apples brought $1 apiece at an auction sale held before adjournment. Big, red and sweet, these apples might have been christened the "Small Boys' Dream," had not their discoverer, Peter M. Gideon, called his new variety the Wealthy. That apple, now recognized as the best grown in the northwest, first blushed at its own beauty in the neighborhood of Minneapolis. And it was to aid a memorial fund in honor of the horticultural Minneapolitan that Wealthy apples were sold yesterday by the Jewell nursery of Lake City. The Gideon fund being thus collected by the Horticultural society amounts now to $400. Within a few years contributions will be asked from horticulturists in neighboring states who have been benefited by Mr. Gideon's discovery. Finally the money will be invested to produce an annuity which will be distributed in prizes for horticultural researches made by students of the Minnesota Agricultural college.

Yet even before the Wealthy was first picked Minnesota produced good apples, although early settlers had their doubts. It was told yesterday, for instance, by C. L. Smith, who helped organize the Horticultural society in 1866, that the newspapers then suggested the St. Peter Insane asylum as a proper place for the next annual meeting. But in 1866 an apple tree had been flourishing near Minneapolis for twenty-two years. Luscious fruit from the same tree—now the oldest in the state—was displayed yesterday by Wyman Elliott. The reports of the society, once ridiculed, are now accepted as authority by horticulturists throughout the United States and Canada.

Orcharding was the general subject of several papers yesterday afternoon. Thomas E. Cashman of Owatonna spoke of "Orcharding on the Farm"; Dewain Cook of Jeffers discussed "Orcharding on Our Western Prairies"; W. C. Corbett of Minneapolis told of "Harvesting and Marketing From the Commercial Orchard"; S. D. Richardson of Winnebago City recited "Fifty-nine Years' Experience with Fruits in Minnesota"; C. L. Blair of St. Charles gave advice as to "The Commercial Orchard in Minnesota."

How to Plant Apple Trees.

Comments on these papers developed varying opinions relative to the correct method of tree planting. Certain members believed that the apple tree should be planted deep. The roots would then escape destructive frosts. Other members contended that an apple tree planted deep could have no surface roots, which, as everybody knew, are the salvation of an apple tree. The tree should be planted at the bottom of a cup formed by the surrounding soil. The cup would gather that moisture which is so invigorating. The apple tree should be planted at the top of a well-defined mound. This would keep the tree dry and hardy. In the end, however, the debaters agreed that sandy soil suggests deep planting and damp soil the reverse.

The annual meeting ended in a congratulatory speech by President Clarence Wedge.

Place Minn.

Paper

Date DEC 8 1902

ENCOURAGING HORTICULTURE.

The fine exhibit of fruit made in Minneapolis this week at the meeting of state horticulturists, calls attention to the fact that Minnesota is safely in the fruit belt. The exhibit included a great variety of handsome apples of fine flavor and quality, including the Wealthy apple originated here, and unexcelled by any other in the world.

The arduous unselfish missionary work done by Peter Gideon and other fruit pioneers in Minnesota has left a priceless legacy to the horticulturists of the Northwest. It is their privilege and duty to continue this work with ever expanding usefulness. The state horticultural society is doing much to promote the common interests in fruit-growing.

The money expended by the state and national government in experimental work in horticulture and agriculture is certainly well spent, for it contributes directly to the development of the country's natural resources. Minnesota's apple crop this season probably amounted to 500,000 bushels. It can be developed until the home product is sufficient for the home market with some to spare for needy neighbors

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lace St Paul Minn.

aper Pioneer Press

ate DEC 6 1902

IT IS DIFFERENT NOW

EARLY FRUITGROWERS RIDICULED

Interesting Doings Mark the Closing Sessions of the Advocates of a Fruit Diet.

The thirty-sixth annual meeting of the Minnesota Horticultural society is now embodied in the history of an organization which was started under so unfavorable a sentiment as to handicap the movement seriously. C. L. Smith, who was one of the organizers of the society in the good old pioneer days, happened to be in Minneapolis yesterday, and he thoughtfully sauntered up to the Plymouth church and, in response to calls made a happy speech just before final adjournment. Mr. Smith said that there was more than a lack of interest in the movement. The few men who at that early stage of the state's development were foresighted enough to know that the soil of Minnesota was capable of great things in the way of fruit growing were discouraged by a pronounced hostility. The early farmers seemed to think they would be fortunate indeed if they got enough wheat and potatoes to keep body and soul together. They were dealing, mentally, with a few staples, and not with fruits, sauces and delicacies. "I can remember well how people generally in this state regarded the proposition to organize for the purpose of developing horticulture," said Mr. Smith. "It was mighty discouraging, I assure you. It was suggested that we hold our annual meeting in the insane asylum. To-day the horticulturists of the country read with very great interest the papers and discussions which form the most important part of this society's annual doings."

Late in the afternoon, after the regular features of the program had been disposed of, a resolution was introduced favoring the passage by the legislature of a law providing for the inspection of orchards and nursery stock so that there would be no possibility of spreading diseased and worthless trees and other plants. It was shown that such a law was in operation in Iowa, but the sentiment was not favorable to the resolution, and the matter was dropped.

"Orchard Fruits" was the general subject considered at the morning session. The subject of pruning and pollination was considered. A majority were in favor of spring pruning rather than fall pruning. The subject, "Lessons in Pruning," was very intelligently handled in a paper presented by Jonathan Freeman of Austin.

"Pollination of the Martha Crab—With Diagram of Orchard," was discussed by D. C. Hazelton of Nichols. A. D. Peavey, Excelsior, gave some detailed suggestions in regard to the care of the trunks of apple trees.

W. W. Pendergast talked about plums, and he showed such familiarity with his subject that it was suggested that he be named the "Plum Deacon" of the society.

"The Marketing of Plums" was the subject of a paper by Martin Penning of Sleepy Eye. N. C. Radabaugh of Minneapolis gave his experience in the best ways of protecting apple blossoms from frost; and Prof. N. E. Hansen of Brookings, S. D., gave a resume of some of the advanced questions of interest to horticulturists which were discussed at the last international conference.

At the afternoon meeting the general subject of orcharding was taken up, and the following papers were read and discussed: "Failure of the Plum Crop in 1902," A. K. Bush, Dover; "The Mankato Plum," Daniel Buck, Mankato; "Growing Cherries in Minnesota," W. S. Widmoyer, Dresbach; "Planting and the Care of the Farmer's Apple Orchard," W. J. Tingley, Willrow; "Orcharding on the Farm," Thomas E. Cashman, Owatonna; "Harvesting and Marketing From the Commercial Orchard," W. C. Corbett, Minneapolis; "Girdling Fruit Trees for Productiveness," E. H. S. Darts, Owatonna; "Fifty Years of Experience With Fruits in Minnesota," S. D. Richardson, Winnebago City; "The Commercial Orchard in Minnesota," C. L. Blair, St. Charles.

To demonstrate that Minnesota is not a new apple-growing state, Wyman Elliott held up a plate of apples grown this year on a tree which had been planted in 1844 and was in his opinion the oldest apple tree in the state.

After an exchange of greetings and such social amenities as usually go with these gatherings, the meeting adjourned.

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e DEC 8 1902

HABITAT ON FRUIT

Horticultural Society Makes Recommendations.

General Fruit List is Arranged and Submitted.

Recommendations of varieties of apples and plums adapted to different parts of Minnesota were made before the annual meeting of the state horticultural society in the lecture room of Plymouth church in Minneapolis on Thursday.

For southern Minnesota O. W. Moore of Spring Valley recommended the Wealthy, Northwestern Greening, Nelson, Duchess of Oldenburg, Malinda, and the Patten Greening apples. The four best varieties of plums, he said, were the Surprise, Bitterwood, Ocheeda and Wyant.

For western and central Minnesota, D. T. Wheaton, of Morris thought the best apples were the Duchess, the Wealthy, the Patten Greening, the Hi-

bernal, the Longfield and the Antinovka. Among plums he favored the De Sota, the Forest Garden, the Wolff and the Rolling Stone.

A fruit list for eastern central Minnesota had been prepared by Wyman Elliot of Minneapolis, but was not read. Nor was the list heard which R. H. Pendergast of Duluth had prepared for northeastern Minnesota. But all the lists will be published in the society proceedings.

The general fruit list for next year was presented by a committee consisting of Clarence Wedge of Albert Lea, J. P. Andrews of Faribault, and Professor S. B. Green of the state experiment station. This list, which was extensive, brought on an energetic discussion. The horticulturists by no means agreed with their committee on all points. The list, it was said, would be privately amended in practice by the experienced fruit growers. But in recognition of the committee's authority and knowledge the report was adopted without change.

Comments upon many experiments were given in the report of the committee on seedling fruits. O. M. Lord of Minnesota City, chairman of this committee, was associated with F. W. Kimball of Austin and Professor Green of the experiment station.

Wyman Elliot of Minneapolis, speaking for the the committee on awards, pointed out the merits and defects of the seedling apples which are on exhibition. Mr. Elliot added a "Talk on Horticulture." He believed that the blight, which had lately been so prevalent, was due to a superabundance of moisture in the earth and air. A member added that cut worms, which were often more annoying than blight, could be destroyed by covering the ground in the latter part of May, with a thick layer of straw. Then, just before the seedlings are planted in that ground the next fall, the straw should be burnt off. The cut worms caught near the surface would be disposed of, and the soil would be found mellow.

In "Brc..kers Ahead! A Warning Cry to Apple Growers." O. M. Lord of Minnesota City indicated the urgent necessity for planting only the best trees. Fads, he said must be ignored. The great danger is that time and money would be wasted upon varieties of fruit that would prove unfitted for this climate.

"Our Duty as Horticulturists," was interpreted by Alfred Terry of Stayton, to be not only the cultivation of the best fruits available, but the fostering of a public sentiment in favor of ornamental gardens and flower beds. The achievements of English horticulturists in elevating public taste were related by Mr. Terry.

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PLACE Owatonna MINN
PAPER JOURNAL
DATE DEC 8 1902

OUR NURSERIES.

A Well Known Horticulturist Says they Are the Best Ever.

A. J. Phillips, a prominent horticulturist of Wisconsin, who has been attending the Minnesota State Horticultural convention which was held in Minneapolis the past week, visited E. H. S. Dartt and T. E. Cashman Saturday leaving for Winona Monday morning. Mr. Phillips says, "The Minnesota Horticultural society is the largest society of its kind in the United States and probably had its largest attendance at the meeting in Minneapolis. There were over 300 present all the time the convention was on, to say nothing of those who attended for only a short time. In speaking of the nursery companies of this city Mr. Phillips says, "They are certainly good, and I do not think can be excelled in this state. Both Mr. Mitchell and Mr. Cashman are hustling young men and in building up their nurseries will do more for southern Minnesota and Owatonna than people can imagine. Mr. Cashman has one of the finest and largest shipping out rooms and storage rooms that I have ever seen."

Winona (Minn.) News.
DEC 8 1902

BACK FROM MINNEAPOLIS

Local Horticulturists Return from the Annual Meeting.

Saturday, December 6.

Frank Yahnke and O. M. Lord returned home this noon from Minneapolis, where they have been attending the meetings of the State Horticultural society. The meeting is said to have been the best in the history of the society. Mr. Yahnke received a marking of 100 on his seedling apple, the Winter King, which he has been cultivating since 1873. The state society has offered a prize of $1,000 for the seedling apple best adapted to growth in Minnesota and the high marking given Mr. Yahnke's Winter King would indicate that he stands a good chance of winning this prize, which is not to be awarded for some time yet. At the meeting this week it was reported that the horticulturists in Nebraska use the Minnesota reports as an authority on horticultural matters, which is showing the high opinion they entertain of the work done in Minnesota.

Place Austin Minn.
Paper Transcript
Date DEC 10 1902

Forty years ago no one thought that apples could be successfully raised in Minnesota but during the present year 500,000 bushels of as fine flavored apples as can be produced in the world were raised and were of excellent marketable quality. There is now no doubt that in time this will be one of the leading apple producing states of the union. Who can estimate the debt of gratitude which we owe to the enthusiastic horticulturists like J. S. Harris who through every discouragement persevered in trial of various varieties until those fitted to this climate were established?

ace Hutchinson Minn.
per TIMES
te DEC 11 1902

MINNESOTA A FRUIT STATE

INTERESTING SESSION OF STATE HORTICULTURAL SOCIETY AT MINNEAPOLIS

Matters of Interest to Fruit Raisers Discussed—Great Hopes of Minnesota as an Apple Growing State

The annual meeting of the state horticultural society was held in Minneapolis last week and was quite well attended, much interest was displayed. W. W. Pendergast president of the society, of this city was in attendance and presided. The society has done much to dispel the idea that fruit cannot be raised in Minnesota and is making it known as one of the leading fruit producing states of the union. In the production of small fruit it already takes a leading place. In the line of apples the members have great hopes that the state will take a place in the front rank in a comparatively short time.

An exhibit is made in one of the side rooms which is certainly sufficient to demonstrate that the finest kind of apples can be grown here. Magnificent specimens of Ben Davis the Wealthy, Wolf River, Golden Russet, Magogg and other varieties showed up to particular advantage. The Wolf River samples were mammoth and attracted much notice.

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One of the interesting features brought out was in regard to fruit eating. It was declared to be healthy and conducive to equanimity of temper and should be encouraged in school, in the homes and by all the means that could be made available. Children who ate fruit instead of meats were easily distinguished by their agreeable dispositions, it was maintained by those who had used their observation along these lines.

Another feature which seemed to meet with approval was in regard to advertising not only in newspapers, but by means of all other methods e in the nature of advertising. The necessity for putting up fruit in neat packages was shown to be one of those means, as well as honest packing and the maintenance of a reputation for clean business methods.

The recommendations of apples and plums for planting in western central Minnesota were: Apples—Wealthy, Duchess of Oldenburg, Patten Greening, Hibernal, Longfield and Antinovka. The plums were: DeSota, Forest Garden, Wolf and Rolling Stone.

At the closing session on Friday morning W. W. Pendergast gave a talk on plums and showed such familiarity with the subject, that it was suggested that he be named the "Plum Deacon" of the society.

On the whole the gathering was a most interesting, instructive and profitable one.

ace Flandreau S.D.
aper ENTERPRISE
ate DEC 12 1902

The horticulturists of Minnesota met last week at St. Paul, 200 strong. They were most enthusiastic over all subjects pertaining to the raising and the use of fruit. In one respect it was interesting, particularly to meat users, for it was unanimously agreed that the eating of fruits should be encouraged, among young and old. It was believed that the eating of fruits was conducive to "equanamity of temper." It was stated that children, for instance, who ate fruit instead of meat could be distinguished by their mild dispositions, and this was also true in a measure with older persons. It might be advisable for the Pierre people and capital removalists to quit eating meats. A fruit diet would be the proper thing.

Place N. Dak.
Paper
Date DEC 12 1902

D. T. Wheaton Honored.

At the meeting of the state Horticultural society held in Minneapolis last week, D. T. Wheaton was honored with the vice presidency of the Seventh district of the state society. Mr. Wheaton reports a most successful meeting and some wonderful developments in the fruit raising industry in Minnesota. Apple raising is a rapidly growing industry and a conservative estimate of the total production this year is 500,000 bushels. The membership of the state horticultural society numbers over 1200, which is one of the largest in the United States. It is very evident that Minnesota is soon to take her place among the great fruit raising states, and this society is largely responsible for the movement.

Place N. Dak.
Paper Review.
Date DEC 12 1902

—J. S. Parks of Pleasant Mound, returned last Saturday from attending the state horticulturist convention held in Minneapolis. He reports it as being a very enthusiastic and interesting meeting, largely attended. This association is the largest of its kind in the northwest. Mr. Parks has not missed a meeting of the society in a good many years.—Amboy Herald.

lace N. Dak.
Paper
Date DEC 12 1902

The meeting of the state horticultural society at Minneapolis the past week developed the fact that Minnesota is rapidly becoming a great fruit producing state. In fact there are a large number of orchards in the state that are each year producing several thousand bushels of apples each year.

While the amount of small fruits is enormous. The GAZETTE believes that this section is capable of producing the small fruits, needed for home consumption and also for shipment to other points. There are also, several varities of apples adapted to this section that could be raised with profit.

Place St. Paul N. Dak.
Paper
Date DEC 12 1902

At the state horticultural meeting in St. Paul last week, Andrew Wilfert, of Cleveland, was awarded first prize on one exhibit of apples and second on another. A pretty good showing for our neighboring county, and a triumph for Mr. Wilfert.

Anton, son of Mr. and Mrs. [illegible]

Paper
Date DEC 12 1902

Mr. C. Mattson has returned after a three days attendance at the meeting of the State Horticultural Society. Mr. Mattson takes a great interest in and derives much profit from all such conventions.

Paper
Date DEC 12 1902

Minnesota State Horticultural Society.

The Woman's Auxiliary of the Horticultural Society had a very interesting session on last Wednesday p. m., Dec. 3, which was well attended. The topics given were very practical, calculated to give information and to arouse interest in general out-door life.

Mrs. Virginia Meredith gave a resume of the work at the Agricultural School and its influences on home life in the country. The practical instruction given there is calculated to raise the standard of living in the rural districts.

Miss Evans' topic, "Is life worth living in the country" was a plea for

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the right understanding of the possibilities of a farm home.

Mrs. G. F. Benson favored the audience with a well written article on the English Sparrow. The strict attention accorded the speaker was strong evidence that the topic was of universal interest.

Although this ubiquitous denizen of our towns and cities has points of character that were given as commendable, still the general summing up was in favor of restrictive measures that would serve to increase the number of our song birds.

The article brought many speakers to their feet, only one of the number having anything good to say in favor of the bird and that was so vague and indefinite, that, weighed in the balance it counted as nothing. The remarks of the others were highly commendatory. The discussion brought out varied methods of dealing with this troublesome nuisance. Some advised trapping but the majority advised poisoning as the quickest and most humane way of dealing with the interloper. By request of the officers of the Woman's Auxiliary, Mrs. Benson's article will be published with the others in the "Minnesota Horticulturist." Later on these will be printed for free distribution at the federation headquarters at the state fair.

Place ..... Paper Standard Date DEC 17 1902

APPLES $1 APIECE.

Peter M. Gideon, Originator of the Famous "Wealthy" Is Duly Honored.

Large appetizing, red apples, of the Wealthy variety brought $1 apiece at the closing session of the Minnesota horticultural society last week. The fruit, which is native to this state, proved that its name was no misnomer. Twenty-five apples were sold in half as many minutes for this unusual price.

A barrel of the fruit was presented to the society and the proceeds were devoted toward a memorial fund to Peter M. Gideon, the originator of the Wealthy apple, universally admitted to be the best apple grown in the northwest. After numerous experiments with seedlings, all of which were made in the vicinity of Minneapolis, Mr. Gideon succeeded in producing this fruit.

The apple has already proved of great value to the state, a profit to the hundreds that raise it and in the years to come it will prove of inestimable benefit. Thus the honors to Mr. Gideon are richly deserved, and his good work as a horticulturalist will ever be held in appreciative memory.

A USEFUL SOCIETY.

Progress. 12.03

The Minnesota State Horticultural Society, with its 1,200 members of fruit-growers, is doing an invaluable work for the development of the state. The originating of the Wealthy apple, which was accomplished by a member of the Society, Peter Gideon, now deceased, after many years of self-sacrificing effort, is one instance of the kind of labor that is being done by the Society and its members for the development of northwestern fruit interests. The Wealthy apple alone is worth many millions of dollars to Minnesota, and hundreds of other apples are now being developed here, in a climate where it was formerly supposed that no apples could be produced.

In its experimental work, distribution of seeds and plants, publication of reports, exhibitions of fruit, giving of prizes, holding of open conventions, and other efforts, the Society is doing a great public service.

In recognition of the Society's public utility, it has been customary for the state legislature to give it an annual appropriation. At present the amount is $1,500. It is now proposed to increase this to $2,000. The extra amount will afford more adequate quarters for the office and library of the Society. It is also proposed to increase the number of reports from 3,000 to 4,000, in order to meet the increasing demand for such publications. More money is also needed for experimental work, premiums and other purposes. Bills have been introduced into the state legislature (Senate Files Nos. 79 and 80, House Files Nos. 106 and 107) to provide for such increase. The amount asked for is insignificant in comparison with the needs, merits and results involved.

St. Paul (Minn.) Globe. SATURDAY, MARCH 29, 1902

WRITE TO THEM.

Secretary Latham, of the Minnesota State Horticultural society, at Minneapolis, or Prof. Green, of the experiment station, at St. Anthony Park, will answer queries and are always glad to hear from fruit growers at any time regarding their problems. In fact, such communications are not only an advantage to the grower in the information desired, but also to the experiment station people, as it keeps them in touch with the practical problems which are confronting the grower, and also any new ones which may arise in the field of agriculture.

Mpls. Progress Nov. 28

FRUIT GROWERS.

Meeting of Minnesota State Horticulturists.

IN MINNEAPOLIS NEXT WEEK.

Of forty-three state horticultural societies in the United States, Minnesota has much the largest one, and it is accomplishing wonders in developing

Fruit Possibilities in Minnesota.

The Minnesota State Horticultural Society was organized in 1860 with only nine members, and now has a membership of 1430. Its work has been recognized by national organizations as of superior character, and its exhibits have brought great credit to the state. Its show of seedling apples recently won highest honor at the meeting of the American Pomological Society. The Minnesota society is now officered as follows: president, Clarence Wedge; treasurer, A. B. Lyman; secretary, A. W. Latham, 207 Kasota Block, Minneapolis; executive board, Wyman Elliot, A. K. Bush, J. P. Andrews, L. R. Moyer, Prof. S. B. Green, J. M. Underwood; a vice-president for each congressional district, a superintendent for each of the ten trial stations and many committees.

The Meeting Next Week

will be the thirtyseventh annual session of the Society, and will be held on Tuesday, Wednesday, Thursday and Friday at the Unitarian church, corner Eighth St. and Mary Place, with sessions morning and afternoon. The main church auditorium will be used for the meeting and the fruit exhibit will be shown in the lecture room below. There is a fine premium list. The premiums for seedling apples have been increased to $100, and a large exhibit is expected. The standing offer of a $1,000 premium for a new seedling apple of superior character is attracting much attention. The display will well repay a visit. The exhibit of fruit and the meetings are open to the public.

The Program

will open on Tuesday morning at 9:45 o'clock with an organ prelude, opening song, invocation by Rev. H. M. Simmons, greeting by the president and ten-minute papers by A. Brackett, G. A. Anderson, Nils Anderson, Alfred Hawkins, J. W. Murray, Mrs. Ida B. Thompson and Frank Yahuke.

On Tuesday afternoon papers will be given by E. R. Pond, T. A. Hoverstad, Wyman Elliot, W. S. Widmoyer, Henry Dunsmore, H. H. Pond, J. V. Bailey, E. F. Paybody, Wm. Sandrock, John Osborn and Dewain Cook.

On Wednesday morning annual reports will be given. In the afternoon, papers will be given by H. H. S. Rowell, A. W. Latham and Rev. C. S. Harrison.

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Journal Sec. Nov 1902

Some Minnesota Apples



THE FAMOUS WEALTHY APPLES, originated by Peter Gideon of Lake Minnetonka—Universally admitted to be the best apple grown in the northwest. At the recent Horticultural Society meeting twenty-five of them sold at $1 each to aid the Peter Gideon memorial fund.—Photo by A. S. Williams.



FOUR WOLF RIVER APPLES—This shows what Minnesota can do in the way of raising apples. They average fourteen inches in circumference, and four of them are wider than a page of The Journal. These apples were shown at the recent horticultural meeting.—Photo by A. S. Williams.

The Women's Auxiliary

will hold a joint session at three o'clock, with papers by Miss Emma V. White, Mrs. Anna B. Underwood, Mrs. Florence Barton, Rev. C. S. Harrison, Mrs. J. B. Hudson, Oliver Gibbs, Mrs. M. M. Barnard and Miss Martha Scott Anderson.

On Thursday morning, papers will be given by C. E. Older, F. Mohl, C. H. Siljan, C. L. Key, and O. C. Gregg, and reports of fruit committees will be given. In the afternoon there will be a memorial hour for W. W. Pendergast, E. H. S. Dartt and Jas. T. Grimes, deceased; election of officers and a joint session by the

Minnesota State Forestry Association.

On Thursday evening the annual banquet will be given. Tickets are seventyfive cents each, and the fund will be used for providing the horticultural class-room at the Minnesota College of Agriculture with memorials of eminent horticulturists.

On Friday morning report of committees on award of premiums and president's address will be given and papers will be given on nursery topics, by Roy Underwood, A. F. Collman, W. L. Taylor, T. E. Cashman, Prof. N. E. Hansen, W. S. Higbee, A. Norby, Robert Wedge, E. A. Webb and C. C. Hunter.

On Friday afternoon papers will be given on orcharding topics by C. C. Dike, Prof. Wm. Robertson, Carl Vollenweider, H. F. Busse, Seth Kenney, H. V. Poore, D. M. Mitchell, and closing business.

On Wednesday and Thursday, the

Minnesota Beekeepers' Association

will hold its fifteenth annual meeting at the same place.

Open discussions of papers are held and all meetings are of great practical value to all who are interested in fruit growing. The annual dues for membership in the Horticultural Society are only one dollar, and members are entitled to receive monthly the Horticulturist, with a bound volume at the close of the year, and, in addition, several plant premiums. The work of the Society is a noble one, and deserves general recognition.

pols Irish Standard

The regular summer gathering of the Minnesota State Horticultural Society will be held as usual this year at the state experiment station, at St. Anthony Park, on Tuesday, June 23. This date is set as nearly as possible to accomodate the strawberry growers in the part of the state most accessible to the place of meeting, and with this object in view the usual liberal premium list has been prepared. The order of exercises for the day will not differ materially from that of similar occasions in previous years. The forenoon will give ample opportunity to those so inclined to look over the experiment gardens and orchards and observe the changes and progress in the work there. Several of the professors and their assistants will be in attendance to explain its character. At 12:30 o'clock basket lunch will be spread in Armory Hall, and all attending are invited to contribute toward this festive occasion.

St. Paul (Minn.) News. WEDNESDAY, JUNE 24, 1903.

FLOWERS FOR FAIR.

Minnesota Will Have Floral Exhibit at St. Louis.

The Minnesota Horticultural society has been invited to make an exhibit of fruit and flowers at the St. Louis exposition. J. M. Underwood, on behalf of the Minnesota board of managers, brought the matter before the society at its annual meeting Tuesday at the state farm. The matter was taken under consideration.

The horticultural society awarded many prizes Tuesday. F. E. Farrar, Cannon Falls, took first prize for strawberries. The Jewell nursery, Lake City, won almost all of the prizes for flowers, while first prizes for vegetables were taken by F. E. Farrar, William Lyons, J. W. Bailey and F. H. Gibbs.

1903



Members of the State Horticultural Society in Attendance at the Summer Meeting of the Society, Held at the State Experimental Farm, St. Anthony Park.

By Dispatch Photographer.

Minneapolis (Minn.) Times.
WEDNESDAY, JUNE 24, 1903.

FRUIT GROWERS SHOW PRODUCTS

Minnesota Horticultural Society Holds Semi-Annual Meeting at Experiment Station.

The members of the Minnesota State Horticultural society held the semi-annual meeting yesterday at the state experimental station. The meeting was largely attended by growers from different parts of the state and papers and experiments were received with interest.

The forenoon was devoted to an inspection of the state agricultural college farm. Each department was visited and all the apparatus pertaining to fruit or vegetable growing was carefully inspected.

The afternoon was devoted to the reading of papers and the awarding of prizes for fruit and vegetable displays. State Entomologist F. L. Washburn read a paper on "Food Habits of Birds." The purpose of the paper was to show the growers the species of birds that were of use in the destruction of harmful insects.

J. M. Underwood of Lake City appeared before the society in behalf of the Minnesota board of exposition managers, of which he is a member. He requested the cooperation of the society, that Minnesota might have a horticultural exhibit that would compare favorably with any at St. Louis.

There were many entries in the vegetable and fruit contests, strawberries predominating with seventy-eight varieties on exhibition.

On the collection of strawberries, F. F. Farrar of Cannon Falls was awarded first prize for the best selection and greatest number of varieties. William Lyons of Excelsior took second prize, and Thomas Redpath of Long Lake, third.

Other prominent strawberry growers taking prizes on single plates were: G. W. Strand, Taylors Falls; Gust Johnson, A. H. Bracket, Alfred Hawkins, Excelsior; F. R. Spate, Wayzata; F. F. Farrar, Cannon Falls; E. A. Herbert, Stillwater; E. A. Farmer, A. H. Young, Marion Mills; Thomas Redpath, Long Lake; H. F. Busse, Minneapolis; B. T. Hoyt, St. Anthony Park; R. H. L. Jewett, Faribault.

The following are the first prize winners in the vegetable entries: Peas, F. F. Farrar; blood beets, William Lyons; lettuce, William Lyons; potatoes, William Lyons; onions, William Lyons; asparagus, J. W. Bailey; cucumbers, F. H. Gibbs.

The display of flowers was beautiful. The Jewell Nursery company carried off most of the prizes, winning thirty-nine firsts and one second. Other prize winners for flowers were M. C. Brunne, Mrs. D. F. Aiken, Mrs. A. S. Hanson, J. R. Cummins, F. F. Farrar, S. R. Spates, Thomas Redpath.

The woman's auxiliary of the society met during the morning for the transaction of minor business before joining the horticulturists in their sight-seeing tour, lunch and afternoon meeting.

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FINE MINNESOTA STRAWBERRIES



J. M. Underwood and Wyman Elliot judging strawberries at the summer meeting of the Minnesota Horticultural Society yesterday at the State School of Agriculture. The prize berries will be preserved in glass and will form part of the Minnesota exhibit at the St. Louis exposition.

Minneapolis (Minn.) Tribune.
WEDNESDAY, JUNE 24, 1903.

MAKE A FINE EXHIBIT

HORTICULTURISTS MEET AT STATE EXPERIMENT STATION.

Forty Varieties of Roses Displayed, Strawberries as Big as Apricots and Excellent Samples of Garden Vegetables—William Lyons, Minneapolis, Wins Several Prizes—Largest Session Ever Held in the History of the State Society.

The Minnesota State Horticultural society yesterday held its annual summer meeting at the state experiment station, St. Anthony Park. In the morning the visitors were shown about the station by the professors, and examined the floral display in Armory hall. More than forty species of roses were on exhibition. The strawberry exhibition was one of the finest in the history of the society. More than 300 entries were made, and some of the display plates contained berries as large as apricots. The principal premiums were awarded to F. F. Farmer, White Bear, and B. H. Hoyt, Hamline.

At noon a basket luncheon was eaten at which the visitors had a chance to test the quality of the berries.

After luncheon vegetables were judged. William Lyons, Minneapolis, won for lettuce, potatoes, onions, peas and rhubarb; J. V. Bailey, asparagus, and C. H. Gibbs, Hamline, pieplant and cucumbers.

Dean W. M. Blodgett made a speech of welcome in which he complimented the station on having such a helpful collaborator as the agricultural society. Prof. F. L. Washburn, state entomologist, discussed "Some Minnesota Birds." He pointed out to the fruit growers in a very interesting manner what birds are destructive and what birds are useful.

A question box was conducted and the growers received many valuable hints from the professors of the station. Prof. Greer spoke upon "Ornamental Shrubs," Prof. L. I. Moyer, Montevideo, discussed briefly "Trees Suited to Minnesota," I. M. Underwood, member of the commission of the St. Louis exposition, spoke upon "Minnesota at the St. Louis Exposition." He explained the method to be used in shipping fruit to the exposition and said the prospects were good for a fine exhibit.

Yesterday's session was probably the largest ever held in the history of the society. Fully 00 attended, and the society has increased its membership to 1,370.

Mpls. Journal
Nov. 28-03

BIG SHOW OF FRUIT

Display at Next Week's Horticultural Meeting Due to Break Records.

Sessions Will Be Held at First Unitarian Church—The Public Invited.

The thirty-seventh annual meeting of the Minnesota State Horticultural society will be held next week from Tuesday to Friday inclusive, in the audience-room of the First Unitarian church, Eighth street and Mary place. The usual exhibit of fruit will be made in connection with the meeting, the collection this year promising to break all records with more than 1,000 plates. At the same place will be held the meetings of the State Forestry association Thursday afternoon, of the Minnesota Beekeepers' association, Wednesday and Thursday, and of the Women's Auxiliary to the Horticultural society, on Wednesday and Thursday. The public is invited to all sessions.

"Small Fruits" will be the topic of the Horticultural meeting Tuesday morning and afternoon. The subject will be treated in eighteen papers. Wednesday morning will be read the report of the president and of other officers, of the superintendents of trial stations, and of various committees. Wednesday afternoon a joint session will be held with the Women's auxiliary. Thursday morning the auxiliary will hold its annual meeting, and the men's society will talk of evergreens, seedling fruits and the "fruit list." Thursday afternoon a "memorial hour" will precede a joint session with the State Forestry association. Thursday evening members of the society will enjoy the annual banquet and will be guests of E. A. Webb, publisher of The Farmer. Friday morning "Nursery Topics" will be considered. Friday afternoon the discussion before final adjournment will relate to "Orcharding."

Many premiums will be offered for displays of flowers, grapes and apples.

There are now 1,420 members in the Horticultural society. The president is Clarence Wedge of Albert Lea; the treasurer, A. B. Lyman of Excelsior, and the secretary, A. W. Latham of Minneapolis.

St. Paul (Minn.) Pioneer Press
WEDNESDAY, JUNE 24, 1903.

1903

HORTICULTURISTS MAKE FINE EXHIBIT AT ANNUAL SESSION

Forty Varieties of Roses Displayed—Strawberries as Big as Apricots—Excellent Samples of Garden Vegetables—Prizes Awarded in Each Class.



—By a Staff Photographe

MEMBERS OF THE STATE HORTICULTURAL SOCIETY AT LUNCHEON.

The Minnesota State Horticultural society yesterday held its annual summer meeting at the state experiment station, St. Anthony Park. In the morning the visitors were shown about the station by the professors, and examined the floral display in Armory hall. More than forty species of roses were on exhibition. The strawberry exhibition was one of the finest in the history of the society. More than 300 entries were made, and some of the display plates contained berries as large as apricots. The principal premiums were awarded to F. F. Farmer, White Bear, and B. H. Hoyt, Hamline.

At noon a basket luncheon was eaten at which the visitors had a chance to test the quality of the berries.

After luncheon vegetables were judged. William Lyons, Minneapolis, won for lettuce, potatoes, onions, peas and rhubarb; J. V. Bailey, asparagus, and F. H. Gibbs, Hamline, pieplant and cucumbers. Dean W. M. welcome in which he complimented the station on having such a helpful colaborator as the horticultural society. Prof. F. L. Washburn, state entomologist, discussed "Some Minnesota Birds." He pointed out to the fruit growers in a very interesting manner what birds are destructive and what birds are useful.

A question box was conducted, and the growers received many valuable hints from the professors of the station. Prof. Green spoke upon "Ornamental Shrubs," L. R. Moyer, Montevideo, discussed briefly "Trees Best Suited to Minnesota." J. H. Underwood, member of the commission of the St. Louis exposition, spoke upon "Minnesota at the St. Louis Exposition." He explained the method of using in shipping fruit to the exposition, and said the prospects were good for a fine exhibit.

Yesterday's session was probably the largest ever held in the history of the society. Fully 600 attended, and the society has increased its membership to 1,370.

The afternoon was devoted to the reading of papers and the awarding of prizes for fruit and vegetable displays. State Entomologist F. L. Washburn read a paper on "Food Habits of Birds." The purpose of the paper was to show the growers the species of birds that were of use in the destruction of harmful insects.

J. M. Underwood, of Lake City, appeared before the society in behalf of the Minnesota board of exposition managers, of which he is a member. He requested the co-operation of the society that Minnesota might have a horticultural exhibit that would compare favorably with any at St. Louis.

There were many entries in the vegetable and fruit contests, strawberries predominating, with seventy-eight varieties on exhibition.

On the collection of strawberries F. F. Farrar, of Cannon Falls, was awarded first prize for the best selection and greatest number of varieties. William Lyons, of Excelsior, took second prize and Thomas Redpath, of Long Lake, third.

Other prominent strawberry growers taking prizes on single plates were: G. W. Strand, Taylors Falls; Gust Johnson, A. H. Bracket, Alfred Hawkins, Excelsior; F. R. Spate, Wayzata; F. F. Farrar, Cannon Falls; E. A. Herbert, Stillwater; E. A. Farmer, A. H. Young, Marion Mills; Thomas Redpath, Long Lake; H. F. Busse, Minneapolis; B. T. Hoyt, St. Anthony Park; R. H. L. Jewett, Faribault.

The following are the first prize winners in the vegetable entries: F. F. Farrar; blood beats, William Lyons; lettuce, William Lyons; potatoes, William Lyons; onions, William Lyons; asparagus, J. W. Balley; cucumbers, F. H. Gibbs.

The display of flowers was beautiful. The Jewell Nursery company carried off most of the prizes, winning thirty-nine firsts and one second. Other prize winners for flowers were M. C. Brunne, Mrs. D. F. Aiken, Mrs. A. S. Hanson; J. R. Cummins, F. F. Farrar, S. R. Spates, Thomas Redpath.

The woman's auxiliary of the society met during the morning for the transaction of minor business before joining the horticulturists in their sightseeing tour, lunch and afternoon meeting.

St. Paul (Minn.) Globe
TUESDAY, JUNE 23, 1903.

GROWERS OF FRUIT EXHIBIT PRODUCTS

Members of the Horticultural Society Meet at Experiment Station.

The members of the Minnesota State Horticultural society held the semi-annual meeting yesterday at the state experimental station. The meeting was largely attended by growers from different parts of the state and papers and experiments were received with interest.

The forenoon was devoted to an inspection of the state agricultural college farm. Each department was visited and all the apparatus pertaining to fruit or vegetable growing was carefully inspected.

Minneapolis (Minn.) Journal.
WEDNESDAY, JUNE 24, 1903.

STRAWBERRY PRIZE

Won by F. F. Farrar at Horticulturists' Meeting Yesterday.

F. F. Farrar, of Cannon Falls, won first prize for the best selection of strawberries and the greatest number of varieties yesterday afternoon at the annual summer meeting of the Minnesota State Horticultural society, held at the state experiment farm, St. Anthony Park. William Lyons, of Excelsior, secured the second prize and Thomas Redpath, of Long Lake, the third prize.

Seventy-eight varieties of strawberries were exhibited. Prizes on single plates were taken by G. W. Strand, Taylors Falls; Gust Johnson, A. H. Bracket, Alfred Hawkins, Excelsior; F. R. Spate, Wayzata; F. F. Farrar, Cannon Falls; E. A. Herbert, Stillwater; E. A. Farmer, A. H. Young, Marion Mills; Thomas Redpath, Long Lake; H. F. Busse, Minneapolis; B. T. Hoyt, St. Anthony Park; R. H. L. Jewett, Faribault. All the prize strawberries are to be preserved in glass and sent to the St. Louis exposition as part of the Minnesota exhibit.

The vegetable prizes were—Peas, F. F. Farrar, blood beets, Williams Lyons; lettuce, William Lyons; potatoes, William Lyons; onions, William Lyons; asparagus, J. W. Balley; cucumbers, F. H. Gibbs.

The Jewell Nursery company obtained most of the flower prizes, winning thirty-nine firsts and one second. Other prize winners in this department were M. C. Brune, Mrs. D. F. Aiken, Mrs. A. S. Hanson, J. R. Cummins, F. F. Farrar, S. R. Spates and Thomas Redpath.

St. Paul (Minn.) Dispatch
TUESDAY, JUNE 23, 1903.

BIG RED BERRIES

Horticulturists Discuss Problems of Fruit Production and Compare Values of Trees.

BEST BERRIES EVER SHOWN.

Sixty Varieties of Strawberries Are Grown in Minnesota Alone.

To the ordinary individual the strawberry is merely the strawberry—to be adjudged according to its sweetness and the quality of the shortcake between whose layers it reposes.

But to the 400 men and women assembled today at the Minnesota School of Agriculture for the annual meeting of the Horticultural society the strawberry has another meaning. There were over 300 exhibits and about 60 varieties shown.

Aside from the strawberries there were few exhibits, but never in the history of the society have the berries been finer or so many shown. Minnesota growers are still divided in their opinion as to which varieties are most profitable, and some of the qualities making the most striking appearance on the exhibition table were not in reality the best money-makers. Mr. Shuman a nephew of Wyman Elliott, showed seventeen varieties from his gardens at Excelsior. One of these, the Parker Earl, is so large that but fourteen berries are required to fill a quart measure.

Benjamin Hoyt, a young grower at Hamline, had a remarkably fine exhibit of thirty varieties.

Mr. Farrar, of White Bear Lake, had twenty-seven varieties and Mr. Strand, of Taylors Falls, had a good exhibit.

Many of the varieties shown are merely subjects of experiment, but others have been thoroughly tested.

Wyman Elliott believes the bederwood is the berry with the greatest future in Minnesota, but Mr. Hoyt prefers the brandy wine and the enhance.

Mr. Reeves, of Minneapolis, exhibited some rhubarb of which one stem would make several pies.

F. H. Gibbs has the earliest cucumbers and Vincent Bailey, of Greenaway Farm, some exceptional asparagus.

A few seeding apples were the center of much discussion as were also some handsome mushrooms.

The roses shown were almost as abundant as the strawberries. There are several new types of dark red rose, and Mr. Underwood brought up some fine moss roses from the Lake City nurseries.

Luncheon was served in the drill hall, the products of the experimental gardens providing the dessert.

The programme which followed included a greeting from Dean W. M. Liggett and a talk on the nursery inspection law by Prof. P. L. Washburn, and F. I. Harris, of St. Paul, spoke on "Familiar Birds." Prof. Washburn on "Some Minnesota Birds," and J. M. Underwood told what Minnesota should do horticulturally at the St. Louis exposition.

Minneapolis (Minn.) Journal.
TUESDAY, JUNE 23, 1903.

SEE ROSES AND BERRIES

State Horticultural Society Holds Its Midsummer Meeting at the State Farm.

The summer meeting of the State Horticultural society, at the state experiment farm at San Anthony Park, to-day, is one of the largest in the society's history. The morning hours were devoted to an inspection of the extensive gardens of the farm and to a discussion of the merits of the strwberries and roses on exhibition.

More than 300 plates of strwberries, each equivalent to an ordinary box full, were on exhibition in the prize competition. Some berries were as large as crabapples, and all, when the dinner hour came and the members of the society were given an opportunity to test their flavor, were pronounced delicious. The collection of roses comprised about forty varieties, the largest number coming from the Jewell nursery at Lake City. Mrs. J. R. Cummins of Eden Prairie furnished the finest private collection.

At 1 o'clock lunch was partaken of in the armory and an informal session was held. Sincere regret was expressed by the members for the serious illness of Former President Pendergast of Hutchinson, who has been a prominent figure at all the former meetings.

The program after lunch included a greeting by Dean W. M. Liggett, a talk on the nursery inspection law by Professor F. L. Washburn, state entomologist, a description by F. I. Harris of "Familiar Birds," and a talk, illustrated by stuffed specimens from the experiment station collection of "Some Minnesota Birds."

The question box was opened by Professor Green of the station, who took the audience out on to the lawn in front of the horticultural building and gave them a talk on "Ornamental Horticulture at the Station." Then, under the guidance of L. R. Moyer, who talked on "Some Ornamental Shrubs at the Station," the crowd wandered from bush to bush, discussing varieties and methods of culture.

Minneapolis (Minn.) Tribune
SATURDAY, JUNE 20, 1903.

HORTICULTURISTS TO MEET

State Society Will Gather Tuesday at the State Experiment Station at St. Anthony Park.

The regular summer gathering of the Minnesota State Horticultural society will take place on Tuesday at the state experiment station at St. Anthony Park. The forenoon will give ample opportunity for those so inclined to look over the experiment gardens and orchards and to observe the changes and progress in the work there. Several of the professors and their assistants will be in attendance to explain the work.

After a basket luncheon in Armory hall at noon, the regular summer session of the society will be held, a specialty this year will be made of the "question" box, and those that have questions to ask are invited to submit them.

A meeting of the woman's auxiliary will be held in the morning.

Minneapolis (Minn.) Journal.
MONDAY, JUNE 22, 1903.

PRIZES FOR BERRIES

To Be Given at Horticulturists' Summer Meeting at St. Anthony To-morrow.

The customary summer meeting of the Minnesota Horticultural Society will begin to-morrow morning at the state experimental farm at St. Anthony Park. There will be a competitive display of berries, flowers and vegetables, for which the society offers prizes.

The program for to-morrow includes an inspection of the farm in the morning. Dinner at 12:30 in the armory and in the afternoon the regular meeting of the society.

Minneapolis (Minn.) Times
TUESDAY, JUNE 23, 1903.

GROWERS OF FRUIT MEET AT STATE FARM

Horticultural Society Holds Its Summer Meeting at St. Anthony Park To-morrow.

Horticulturists from all parts of the state will assemble at the state experimental station at St. Anthony Park to-morrow for the purpose of attending the summer meeting of the State Horticultural society.

It is expected the exhibit of strawberries will be an excellent one although prizes will be awarded for displays of flowers, fruits and vegetables.

The morning will be devoted to an inspection of the grounds of the station and at 12:30 a basket lunch will be served at the armory.

The regular session of the society will be held in the afternoon and a special feature of the arrangements for this year is the question box.

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St. Paul (Minn.) Pioneer Press
SUNDAY, JUNE

HORTICULTURISTS TO MEET.

Will Gather on Tuesday at the State Experiment Station.

The regular summer gathering of the Minnesota State Horticultural society will take place on Tuesday at the state experiment station at St. Anthony Park. The forenoon will give ample opportunity for those so inclined to look over the experiment gardens and orchards and to observe the changes and progress in the work there. Several of the professors and their assistants will be in attendance to explain the work.

After a basket luncheon in armory hall at noon the regular summer session of the society will be held, a specialty this year will be made of the "question" box, and those that have questions to ask are invited to submit them.

A meeting of the woman's auxiliary will be held in the morning.

St. Paul (Minn.) Dispatch
WEDNESDAY, JUNE 10, 1903.

Minnesota Horticultural Society.

The Minnesota Horticultural society will meet at the State Agricultural school, St. Anthony Park, Tuesday, June 23, enjoying a basket lunch in the armory hall and a literary programme in the afternoon. The Women's Auxiliary society will meet the same day.

A display of flowers, strawberries, apples and certain garden vegetables will be held, with a competition for premiums.

Minneapolis (Minn.) Times.
THURSDAY, JUNE 11, 1903.

HORTICULTURAL SOCIETY TO MEET IN THIS CITY

Experiment Station Will Be Mecca of Minnesota Enthusiasts June 23.

The Minnesota State Horticultural society will hold its summer meeting Tuesday, June 23, at the state experiment station in St. Anthony Park. Most of the business of the society is transacted at the winter meeting and the summer meeting is in the nature of an informal gathering of the members.

The visitors will be taken on a tour of inspection of the gardens at the station by the professors and instructors, after which the meeting will be held. At the conclusion of the meeting the delegates will be given a basket luncheon in Armory hall.

Minneapolis Times June 22

THE HORTICULTURAL SOCIETY.

The past sulkiness of the June weather this year is a good deal of a drawback to the most enthusiastic enjoyment of the meeting of the Minnesota State Horticultural Society to-morrow. Not alone from physical reasons, but from business ones, these June days might be rarer and still suit the strawberry growers and the fruit orchard prospectors just as well. Yet perhaps this year is a good year for statistics, after all, for never has this city seen home-grown berries of any greater size than are now being shown in the markets. And if, under the present strawberry growing conditions, we get a local fruit so generally satisfactory, the lack of perfection in matter of flavor is easy enough to account for with the sun so chary of appearance as he has been.

The history of strawberry culture, and of that of most small fruits in Minnesota, has been, on the whole, encouraging to the fruit growers. The prospects are that, as the country increases in population, the fruit farms of this region and of other states in a similar average temperature will be able to step in to fill the market demand at just about the time when southern fruit begins to drop off in shipments. Yet since we cannot, in the natural advance of spring products, expect to supply countries to the south of us—but must look to the northern parts of Minnesota, Wisconsin and the Dakotas for an expanse of markets, the fact of our nearness to a future limit of market facilities becomes just as much a matter of great importance to the small farmers as to the great grain-growing belts.

We must expect that Minnesota will become, in time, and not a very long time, either, a state of comparatively small farms. The lake districts are especially adapted to vegetable and fruit growing now. As Minnesota gets cleared away more, however, it will be found that there are other sections where the small farmer can make a good profit from land now ignored. Some of the drainage work now going on will repay for itself many times over in the return of good farming land to the state for this purpose of small farms.

The value of these farms, however, will depend not only upon their facilities for supplying markets but upon the increase of markets. The question of reciprocity with the other half of North America comes up here as it does in almost every interest now of the Northwest. The purpose of all our cultivation of small fruits and of our attempts to increase the present climatic possibilities of the boundary states will be—must be—restricted by this fact of the artificial obstruction to the passage of our products beyond the forty-ninth parallel. Canada has hopes herself in the horticultural way. But she frankly confesses that the early frosts are a discouragement, while the "high price of American fruit" keeps it out of her markets in any quantity.

Fruit transportation on far northern railroads is not so much of a lottery as on southern ones. There is no reason why our horticultural societies should not get good returns before many years from the patience with which they have followed scientific lines of cultivation. But upon reciprocity must their widest hopes fasten, and every new organization enlisted in this crusade is on the side of Northwestern prosperity. The society which meets this year is still a comparatively new one. It has done admirable pioneer work, however. The responsibility of a long look ahead to the future of Minnesota fruit growing as a profit-paying business is one of its plainly intimated duties.

Minneapolis (Minn.) P...
SATURDAY, JUN...

Horticulturists Meeting.

The summer meeting of the Minnesota State Horticultural Society will be held at the state experiment station, St. Anthony Park, next Tuesday. A basket lunch will be served at 12:30 in Armory Hall.

Visitors should take Como cars to Dooley Ave., where carriages will be in waiting from 9:30 to 1:30.

Minneapolis (Minn.) Tribune.
WEDNESDAY, JUNE 10, 1903.

HORTICULTURAL SOCIETY TO INSPECT STRAWBERRIES

The regular summer gathering of the Minnesota State Horticultural Society will be held as usual this year at the state experiment station, at St. Anthony Park, on Tuesday, June 23. This date is set as nearly as possible to accommodate the strawberry growers in the part of the state most accessible to the place of meeting, and with this object in view the usual liberal premium list has been prepared.

The order of exercises for the day will not differ materially from that of similar occasions in previous years. The forenoon will give ample opportunity to those so inclined to look over the experiment gardens and orchards and observe the changes and progress in the work there. Several of the professors and their assistants will be in attendance to explain its character.

At 12:30 o'clock basket lunch will be spread in Armory Hall, and all attending are invited to contribute toward this festive occasion.

St. Paul (Minn.) News.
WEDNESDAY, JUNE 10, 190...

HORTICULTURISTS' ANNUAL.

The Minnesota State Horticultural society will hold its annual summer meeting at the St. Anthony Park Agricultural college June 23. The morning will be devoted to an inspection of the school farm. There will be a basket luncheon in the armory at noon. The afternoon will be devoted to the reading and discussion of papers.

Minneapolis (Minn.) Journal
WEDNESDAY, JUNE 10, 1903.

HORTICULTURISTS TO MEET

Summer Session at Experimental Station Will Be Held Tuesday, June 23.

Strawberries for which Adam would have fallen before Eve had met her boa will be displayed at the summer meeting of the Minnesota State Horticultural society, to be held at the state experiment station, St. Anhony Park, Tuesday, June 23. After the horticulturists have been guided by the professors and instructors thru the gardens of the station, an informal meeting will take place. But most of the business of the society is transacted at the winter session. After the exercises at St. Anthony Park the delegates will eat basket luncheon in Armory hall.

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St. Paul (Minn.) Pioneer Press
WEDNESDAY, JUNE 10, 1903.

...al the dry goods advertisements ... may get a prize.

FRUIT AND FLOWERS

HORTICULTURISTS WILL MEET.

Exhibition Will Be Held at Agricultural College, at Which Premiums Will Be Given.

The annual summer meeting of the Minnesota State Horticultural society will be held at the state agricultural college and experiment station at St. Anthony Park June 23. A large number of members from all over the state is expected to be present.

The morning will be given up to a visit by the members of the society to the departments of the farm school, where several instructors will escort the guests through the buildings and about the farm. There will be a basket luncheon served at noon in the armory. The afternoon will be devoted to the discussion of horticultural subjects. The program will be informal, most of the subjects for discussion being derived from a question box.

The society will hold an exhibit of horticultural products of the state during the meeting, and valuable premiums have been offered. The competing exhibitors must be members of the society, and all fruits and flowers exhibited must have been grown in Minnesota. Premiums are offered for the following:

Flowers—Each named variety of outdoor roses, six blooms; each named variety of peonies, five blooms; bouquet of garden flowers.

Strawberries, one quart of each variety —Collection of strawberries; each named variety of strawberries; seedling strawberry never having received a premimum from this society.

Apples, not kept in cold storage—Best plate of any named variety of apples (of average size and in good condition), plate of seedling apples.

Vegetables—Head lettuce, four heads; asparagus, one bundle; peas in the pod, one-half peck; rhubarb, six stalks; early potatoes, one-half peck; early beets, six specimens.

Clarence Wedge of Albert Lea is president of the association, and A. W. Latham of Minneapolis is secretary.

Minneapolis (Minn.) Journal
THURSDAY, JULY 9, 1903.

A HORTICULTURIST'S VIEW

Says Journal's Sweet Pea Show Will Have Good Influence.

J. M. Underwood, a very prominent member of the State Horticultural society and president of one of the leading nursery companies of the northwest—the Jewell—indorses heartily The Journal's plan for a sweet pea show to be given Aug. 5 to 7. He says:

"I am very much pleased with your announcement of The Journal's sweet pea show. In the rush for business and the ceaseless struggle for accumulating wealth, or the turning to all kinds of amusements for diversion, it is refreshing to have a representative paper like The Journal launch upon the busy tide of life so attractive a proposition as a flower show. Your influence in promoting this beautiful feature of horticulture will certainly be felt in very many homes and result in adding to the pleasure and happiness of all who participate therein.

"We shall be glad to welcome you to the ranks of horticulture, and our Minnesota State Horticultural society will offer you a splendid field of usefulness."

Application blanks for those wishing to enter exhibits may be had by addressing H. L. Pathey, manager of The Journal sweet pea show.

...nneapolis (Minn.) Times
MONDAY, JUNE 29, 1903.

WOMEN GROWERS TO MEET THIS MORNING

Auxiliary to Minnesota State Horticultural Society Will Hold Semi-Annual Meeting at the Experimental Station.

MISS EMMA B. WHITE,



Who Is President of Woman's Auxiliary.

As a part of the semi-annual meeting of the Minnesota Horticultural society which convenes at the experimental station at St. Anthony to-day, the woman's auxiliary will hold a brief business session at 10:30. It is not expected that any business of importance will come up, as the election of officers and other business matters are usually transacted at the January meeting.

Miss Emma B. White of this city is the president of this society and Mrs. Anna Underwood of Lake City its vice president.

Every year this club maintains a room in the federation building at the state fair, in which to show specimens of the Minnesota flora and which are arranged as attractively as possible. At this time literature regarding improvements of home surroundings with special reference to farm homes is distributed.

The ladies will join with the members of the horticultural society at lunch to-day and attend the meeting which takes place immediately after, at which time papers and addresses of interest to the society will be delivered.

The regular summer meeting of the state horticultural society will be held at the experiment station at St. Anthony Park to-day. The forenoon will be devoted to an inspection of the experiment gardens and orchards and to observe the changes and progress of the work there. Several of the professors and assistants will be ready to explain the character of the work.

At noon there will be a basket lunch in the armory hall and at 2 o'clock the regular session will be held. A short program will be given, the specialty this year being the question box.

SATURDAY, JULY 11, 1903.
Farm Students Review

THE HORTICULTURAL SOCIETY PICNIC.

Tuesday, June 23, about 250 of the horticulturists of the state gathered at the Station for their annual summer meeting.

The forenoon was taken up in getting the fruit and flower exhibit in order and in looking over the grounds. At 12:30 a picnic dinner was held in the Drill hall after which Prof. Washburn gave a talk on "Birds," Judge Moyer on "Shrubs and Their Care," and Prof. Green had charge of the question box.

About 250 plates of strawberries were shown. This was by far the best exhibit of strawberries ever had here. There was also a very nice display of roses and some other garden flowers, among them sweet peas.

The Jewell nursery of Lake City had about forty varieties exhibition and secured most of the prizes.

F. F. Farrar of Cannon Falls was awarded first prize for the best selection and greatest number of varieties of strawberries. Wm. Lyons of Excelsior took second and Thos. Redpath third.

Quite a number of School alumni were present at the meeting, among them were Mr. and Mrs. J. V. Bailey, B. T. Hoyt, G. W. Strand, James A. Wilson, Ray Leach, Mary Eggena, and J. B. Frear.

1903

Minneapolis (Minn.) Tribune.
MONDAY, JULY 6, 1903.

PUBLIC NOT POSTED

STATE HORTICULTURAL SOCIETY AND ITS WORK.

Not Generally Known That the Minnesota Organization Has the Largest Membership of Any Similar Society in the Union—Horticultural Exhibit at the State Fair This Year Will Eclipse Anything Ever Shown Here Before, and Prove of Great Interest to the Public and Fruit Growers.

The season has now advanced far enough to make it possible to predict with considerable certainty that the horticultural exhibition at the coming Minnesota state fair will be the largest and probably the finest which has yet been made in the state. This prediction is made not alone upon the character of the season and the reports of the condition of the several fruit crops, but has also the basis of constantly increasing interest upon the part of fruit growers and the public, and of the continually enlarging numbers of those who are possible exhibitors.

It is not generally known, especially outside of Minnesota, that this state has the largest State Horticultural society in the union. A membership of over 1,000, in the main heads of families, means some 5,000 or 6,000 people directly interested in fruit raising, and, further, a little center of interest in the subject in practically every community in the state.

Last year largely through the influence of the State Horticultural society many hundreds of thousands of apple trees were planted in Minnesota. In a few years they will come into bearing, greatly increasing the apple crop of this section.

It is this kind of work which is making the Minnesota State Horticultural society a power, not only in the Northwest, but among the fruit growers of the whole country. The society always takes a very active part in promoting the fruit exhibit at the state fair, and in case there is any lagging along the line, it always comes forward and through its influence makes sure of a fine exhibit.

And the fruit growers have the honor of making the display at the fair, which is, after all, perhaps the best of all the displays there as an advertisement of Minnesota's resources. During recent years a great many people of the middle Western and Eastern states have visited the Minnesota state fair. Some have come because of interest in the great cattle exhibitions, some because of their business interests in connection with the agricultural line, the dairy apparatus business or other classes of exhibits, while others being in Minnesota at the time for business or pleasure, have gone to the fair grounds to see what the state had to offer as the products of our agricultural and manufacturing industries.

This year's exhibit in the horticultural building will be in charge of Superintendent A. W. Latham, who has been for many years assistant in the department, and who has also been for a long time the secretary of the State Horticultural society, and one of its chief promoters. The assistant will be Thomas Redpath of Wayzata. The premium list for the fruits and flowers has been revised and considerably added to and is in every way very attractive to horticulturists.

WILDER MEDALS.

Awarded by the Pomological Society.

Closing Exercises of the Biennial Session.

Able Speakers Discuss Topics of Interest.

Score Cards for Fruit Advocated by Prof F. A. Waugh.

Extra Meeting to be Held Next Year in St Louis.

There was no apparent diminution in the attendance of delegates at the closing exercises of the biennial session of the American Pomological society of America, held in Horticultural hall yesterday.

Hon Charles L. Watrous, Des Moines, Iowa, presided, and in a brief but eloquent speech called the meeting to order, introducing as the first speaker, Prof F. W. Taylor, chief of department of horticulture, St Louis, Mo. Then followed reports of committees, after which came an address on "Judging Fruits by Scales of Points," by Prof F. A. Waugh, horticulturalist, Massachusetts college, Amherst, Mass. He said in this matter fruit growers are far behind livestock growers. The necessity for suitable score cards was pointed out by the speaker, and emphasized.

In the discussion which followed, Prof H. E. Van Deman of Washington, D C, and Prof W. R. Lazenby of the Ohio state university, took part.

Next on the program was an address by Prof W. R. Lazenby, on "Waste in Apples." The speaker said that, examining from three to six well-selected specimens of standard varieties of the apple, he found that apples that have been well grown, harvested and shipped under up-to-date methods have less refuse or waste than any other fruit examined.

"In referring to the tables giving average composition of given food product, I find," said the speaker, "that the refuse of waste apples is 25 percent, or one-fourth of the gross weight of the fruit."

Prof S. W. Fletcher, Cornell university, Ithaca, N Y, gave an address on "Fruit Culture in the Pacific Northwest."

Prof Fletcher claimed that the northwest horticultural department is full of life and enthusiasm, and he prophesied that in 25 years from now the northwest will have distanced California in fruit culture.

Hon J. H. Hale, South Glastonbury, the newly elected president of the society, presented a set of resolutions in which, on behalf of the society, he thanked the Massachusetts Horticultural society for its courtesy and hospitality.

Prof Watrous and Prof W. A. Taylor then followed with brief speeches, after which Dr F. W. Hexamer presented several reports. It was announced that since the last biennial session 10 members had died.

Nyman Elliott of Minneapolis spoke on "Minnesota Seedlings."

It was voted to hold an extra meeting of the society in St Louis next year, and then followed the appointment of committees, including a committee to prepare score cards to be presented at the next meeting, consisting of T. A. Waugh, Massachusetts; John T. Stimson, Missouri; E. S. Hubbard, Florida; W. A. Taylor, Washington, D C; John Craig, New York.

Hon W. C. Strong, first vice president of the society, presented a resolution, in which was embodied the thanks of the society to the retiring officers for their faithful and efficient services.

It was resolved that the American Pomological society urge the enactment of a federal law that will regulate commerce in foods between the United States and foreign countries, the various states and territories of the United States and within the territories and the district of Columbia to the end that commerce shall be protected against imitation fruit products."

The awarding of the Wilder medals followed.

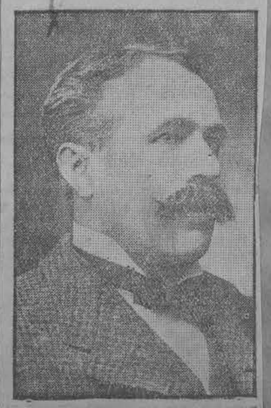
Wilder silver medals—Minnesota state horticultural society, exhibit of seedling apples; Miss E. Jackson Clark, Pomfret, Conn, hothouse grapes, pears and melons; experiment station, Michigan agricultural college, collection of fruits; New Hampshire horticultural society, collection of apples; Ellwanger & Barry of Rochester, N Y, 200 plates of pears, apples and grapes; Edward B. Wilder, Boston, collection of pears from the Marshall P. Wilder homestead; C. P. and H. W. Miller of Paw Paw, Mich, collection of apples, pears and grapes.

Bronze medals were awarded to C. C. Shaw of Milford, N H, collection of fruits; A. A. Boggs, Waynesville, N C, for avocadoes, grown in Florida; Grand Rapids, Mich, Fruit Growers' association, for collection of fruit; West Virginia state horticultural society, for collection of apples; horticultural department of university of Wisconsin, for collection of american plums; C. A. Arnold, Arnold, Mo, collection of fruit; William Craig & Son, Abbotsford, Quebec, Can, for collection of northern grown apples; John Roch, Niles, Calif, for jordan apples.

Honorable mention—Benton Gebhardt, Michigan, collection of fruit; Minneapolis horticultural society, collection of commercial varieties of apples; W. T. Macoun of Ottawa, Can, collection of Canadian apples; Albermarle Orchard Co, Charlottesville, Va, collection of apples; James Dickie, Morris Mills, Va, collection of apples; Abbotsford fruit growers' association, province Quebec, Can, collection of apples; Southern Michigan grape growers' association, Canton, Mich, collection of grapes; South Haven, sub station, South Haven, Mich, collection of fruit; G. B. Cellon, Miami, Fla, arocado pear; experiment station, South Dakota, collection of sand cherries; U. M. Munson, Grand Rapids, Mich, exhibit of the king grape.

Miscellaneous business was next in order and a number of minor reports were presented, after which the session adjourned until next year, when the delegates will again meet in St Louis.

At the close of the formal program there was an informal meeting, at which greetings were interchanged and adieus made.



HON J. H. HALE,
Newly Elected President of American Pomological Society.

Minneapolis (Minn.) Journal
SEPTEMBER 18, 1902

MINN. APPLES GET PRIZE

Win Wilder Medal of American Pomological Society.

Word has just been received from Wyman Elliot of this city, who attended the biennial session of the American Pomological society, just closed at Boston, Mass., that the show of apples sent there by the Minnesota State Horticultural society, comprising a large collection of valuable Minnesota seedlings and the standard varieties grown in the state, in all about 125 plates, was awarded the first Wilder medal. This medal is given at the regular meeting of the Pomological society in connection with fine exhibits of fruit. Mr. Elliot attended the meeting as a delegate from the Minnesota State Horticultural society, and the fruit he took with him was selected from the unusually fine display made this year at the horticultural department of the state fair. Minnesota has good reason to be proud of this award, as there were very fine exhibits of fruit at the meeting. Mr. Elliot says, in a letter to A. W. Latham, secretary of the Minnesota society:

"Our collection of seedling apples was the great center of attraction, especially to those who had given many years to the improvement of the apple by the growing seedlings. Many expressions of amazement were made when told of the origin and great number of good kinds produced. Plenty of people have told me that the sight of this exhibit had paid them for coming a long distance to the meeting."

Minneapolis Journal Oct 7

TO SHOW MINNESOTA FRUIT

A. W. Latham Goes to St. Louis to Arrange for Exhibit.

A. W. Latham left to-day for St. Louis to select the space for the Minnesota horticultural exhibit at the St. Louis fair. Of the 5,000 feet of space set aside for horticultural exhibits Minnesota will have 500 feet. The state horticultural society has had sent to it by members for the exhibit 128 bushels of select apples. This fruit will be carefully prepared. The fruit was all hand-picked and was carefully wrapped first in tissue paper and then in waxed paper and packed in excelsion. The boxes will be kept in cold storage until wanted for the exhibition.

The small fruits will be represented by 225 cans that have been put up by a process that retains the natural color of the fruit. Mr. Latham will return the first of next week.

Daily News, Mpls Oct 28

DISPLAY OF APPLES

Will Be a Feature of State Horticulturists' Meeting.

The Minnesota State Horticultural society is to hold its annual meeting in the First Unitarian church, Eighth St. and Mary place, on the first four days of December. Of special interest at this meeting is the display of seedling apples.

Minneapolis (Minn.) Journal
July 12

A Successful Life.

The ambitious youth is always asking, "How can I make my life successful?" "Are the chances better in the city or in the country?" "Shall I choose a profession or go into business?" "How can I avoid the pitfalls in which the hopes of so many sink?"

For the most part these are unanswered questions. It has long ago been proven that there is no royal road to success, no guaranty that this or the other occupation or environment will secure the coveted prize. But there are guide posts which may now and then be seen whose direction may be relied upon.

Those who yesterday gathered under the trees at the home of Hon. W. W. Pendergast and there, with flowers and fragrance and beauty all about them, joined in the last loving service before his body was laid to rest, felt that they had caught sight of the unerring finger and read the legend plain, "This is the way, walk ye in it."

He had lived a simple, unostentatious life in a country town; neither great wealth nor sounding titles had been his; yet it may be doubted if any one of the hundreds who gathered about his bier would have asked more as the fulfilment of his highest ambition than to depart from earth so beloved, leaving behind him such a legacy of faithful service, such riches in lives made sweeter and nobler thru his influence.

From his grave goes forth this message to the thousands all over the state who loved and honored him: It is high ideals, cheerful courage, unflinching and unfaltering obedience to duty, and loving service to your fellowmen that, whatever may be your place or your profession, will win for you a successful life.

It is lives such as this that make our towns famous, our state rich, our country great.

Pioneer Press Oct. 28

PRIZES FOR APPLES.

State Horticulture Society Offers Purses for Seedlings.

The Minnesota State Horticultural society will hold its annual meeting in the First Unitarian church, Eighth street and Mary place, Minneapolis, on the first four days of December. The sessions of the society were formerly held in the lecture room of the Plymouth church, but the increased membership of the society made it necessary to seek larger quarters. The society will hold its session in the audience room of the Unitarian church and the fruit display will be located in the lecture room in the basement, where there are ample accommodations.

The display of seedling apples (new varieties grown from the seed) will be of special interest at this meeting, and competition is open not only for Minnesota but Western Wisconsin, Northern Iowa, North and South Dakota and Manitoba, and many valuable new varieties of apples are expected to be placed on exhibition. A premium of $100 is offered to be divided pro rata among the exhibitors of seedling apples of commercial merit. Besides this, the society is offering a premium of $1,000 for a first-class seedling winter apple. There are a good many complaints for this prize, but so far no award has been made, and the offer is still open. For particulars or program of the meeting or any further information in regard to the horticultural society address the secretary, A. W. Latham, 207 Kasota block, Minneapolis.

Mpls Journal Oct 28

DISPLAY OF FINE APPLES

To Be Shown at the December Meeting of the State Historical Society.

The Minnesota State Horticultural society is to hold its annual meeting in the First Unitarian church, Eighth street and Mary place, the first four days of December. For a number of years past the sessions of the society have been held in the lecture room of the Plymouth church, but the greatly increased membership of the society, numbering now over 1,400, and the very large fruit display (the exhibit of last year consisting of more than 900 plates of apples), made it necessary to seek larger quarters. The society will hold its session in the audience room of the Unitarian church and the fruit display will be located in the lecture room in the basement, where there are ample accommodations for that purpose.

Of special interest at this meeting is the display of seedling apples (new varieties grown from the seed), and competition is open not only for Minnesota, but Western Wisconsin, northern Iowa, North and South Dakota and Manitoba, and many valuable new varieties of apples are expected to be placed upon exhibition from this region. A premium of $100 is offered to be divided pro rata among the exhibitors of seedling apples of commercial merit. No others will be considered. Besides this, the society is offering a premium of $1,000 for a first class seedling winter apple. There are a good many complaints for this prize, but so far no award has been made, and the offer is still open. For particulars or program of the meeting or any further information in regard to the horticultural society address the secretary, A. W. Latham, 207 Kasota block, Minneapolis.

Mpls Tribune, Oct 28

HORTICULTURAL SOCIETY WILL MEET HERE SOON

The Minnesota State Horticultural Society is to hold its annual meeting in the First Unitarian church, in Minneapolis, the first four days of December. For a number of years past the sessions of this society have been held in the lecture room of the Plymouth church, but the greatly increased membership of the society, numbering now over 1,400, and the very large fruit display (the exhibit of last year consisting of more than 900 plates of apples) made it necessary to seek larger quarters. The society will hold its session in the audience room of the Unitarian church and the fruit display will be located in the lecture room in the basement, where there are ample accommodations for that purpose.

Of special interest at this meeting is the display of seedling apples (new varieties grown from the seed), and competition is open in seedling apples for not only Minnesota, but Western Wisconsin, northern Iowa, North and South Dakota and Manitoba, and many valuable new varieties of apples are expected to be placed upon exhibition from this region. A premium of $100 is offered to be divided pro rata among the exhibitors of seedling apples of commercial merit. No others will be considered. Besides this, the society is offering a premium of $1,000 for a first class seedling winter apple. There are a good many complaints for this prize, but so far no award has been made, and the offer is still open. For particulars or program of the meeting or any further information in regard to the horticultural society address the secretary, A. W. Latham, 207 Kasota block, Minneapolis.

Glencoe (Minn.) Register.
FRIDAY, JULY 17, 1903.

1903

W. W. PENDERGAST IS CALLED TO REST

Pioneer School Teacher and Well-Known State Officer Passes Away at His Home in Hutchinson.

Hutchinson, Minn., July 17 Special:—W. W. Pendergast, former state superintendent of public instruction, died at 11 o'clock this forenoon at the family residence here. Mr. Pendergast had suffered for a long time with Bright's disease and had failed very fast during the past week, becoming unconscious three days ago and remaining in that condition nearly all the time. Just previous to his demise, however, Mr. Pendergast became conscious for a few minutes and recognized the members of his family who were gathered about his bedside.

W. W. Pendergast was born at Packers' Falls, Durham, N. H., Jan. 31, 1833. He was educated at Bowdoin college and taught school at Amesbury and Essex, Mass. He was married in 1857 to Miss Albie Low Coggswell, and removed to Hutchinson, Minn., where he taught school until it was burned by the Indians in the massacre of 1862.

Mr. Pendergast showed some marked military genius during the Sioux out break. When the savages were approaching, the people of Hutchinson were preparing to leave and make for St. Paul, but he persuaded them that it would be worse than useless to make such an attempt. Under his direction a temporary fort was built, and it served as a place of refuge until help came, and the Indians were driven off. Meanwhile many of the homes of settlers were burned before their eyes.

Minnesota was too exciting for school teaching, and Mr. Pendergast returned to Amesbury, Mass., where he remained three years as principal of the high school. Again he went to Hutchinson, where a public school was built in 1866, and he was made principal. This position he held until 1882, although he was also county superintendent of schools from 1879 to 1878.

In 1882 he was appointed clerk in the office of the state superintendent of public instruction, and, after two months, was made assistant superintendent. He remained there for six years and was then made principal of the school of agriculture at St. Anthony Park. Five years later he was appointed state superintendent of instruction and held that position for five years.

The latest office held by Mr. Pendergast was president of the Minnesota Horticultural society.

Stillwater (Minn.) Gazette
MONDAY, NOVEMBER 16, 1903.

Want a thousand dollars? If you do all that is necessary is produce a new apple tree that meets the requirements of the Minnesota State Horticultural society, which is: As hardy and prolific as the Duchess with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda. That is all there is to it, and now get busy.

Fairmont Sentinel
Nov. 17-03

CHANCE TO WIN $1,000.

The Minnesota State Horticultural society will hold its annual meeting in Minneapolis the first four days of December. One of the prizes offered is $1.000 to anyone who will produce a seedling apple tree as hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda.

This prize has been offered for some time and unfortunately for the Northwest such a seedling has not yet been found. All have faith however that the $1,000 prize will eventually be awarded and then Minnesota will become one of the greatest apple states in the union.

Stillwater Gazette
Nov. 18-03

Want a thousand dollars? If you do all that is necessary is produce a new apple tree that meets the requirements of the Minnesota State Horticultural society, which is: As hardy and prolific as the Duchess with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Melinda. That is all there is to it, and now get busy.

Duluth (Minn.) Herald
TUESDAY, NOVEMBER 17, 1903.

REWARD OF $1000 OFFERED

For New Apple By State Horticultural Society.

St. Paul, Nov. 17.—A thousand dollars for a new apple is what the Minnesota State Horticultural society is offering. The competition is open to all, and anyone that produces the seedling apple tree that meets the conditions can get the thousand dollars.

The kind of apple the society wants is described in the announcement of the society's thirty-seventh annual meeting, which will be held Dec. 1, 2, 3 and 4 at the First Unitarian church, Eighth street and Mary place, Minneapolis. This is the apple worth $1000:

"As hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda."

Mpls. Times
Oct 29

FRUIT GROWERS HOLD CONVENTION

State Horticultural Society Will Meet in Minneapolis in December.

The Minnesota State Horticultural society is to hold its annual meeting in the First Unitarian church on the first four days of December.

The society will hold its sessions in the audience room of the church and the fruit display will be located in the lecture room in the basement, where there are ample accommodations for that purpose.

Of special interest at this meeting is the display of seedling apples and the competition is open to Minnesota, western Wisconsin, northern Iowa, North and South Dakota and Manitoba, and many new varieties of apples are expected to be placed upon exhibition from this region.

A premium of $100 is offered to be divided pro rata among the exhibitors of seedling apples of commercial merit; no others will be considered. Besides this the society is offering a premium of $1,000 for a first-class winter seedling apple. Ther are a good many competitors for this prize, but so far no award has been made and the offer is still open.

A. W. Latham, 207 Kasota block, is secretary of the society.

1903

Minneapolis (Minn.) Press.
MONDAY, NOVEMBER 16, 1903.

PRIZE OF $1,000.

Opportunity Open for Some Horticulturist to Make Money.

The Minnesota State Horticultural society will hold its annual meeting in Minneapolis the first four days of December. One of the prizes offered is $1,000 to anyone who will produce a seedling apple tree as hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda.

Minneapolis (Minn.) Journal
FRIDAY, NOVEMBER 20, 1903.

SEEDLINGS WANTED

Apple Growers Asked by Horticultural Society to Send Exhibits.

The Minnesota State Horticultural society at its annual meeting, to be held in Minneapolis, Dec. 1 to 4, is making special effort to get out a full exhibit of all the valuable seedling apples now grown in the northwest, including Minnesota, western Wisconsin, northern Iowa, North and South Dakota and Manitoba. Seedling apples from all this territory are permitted to enter into competition for the premiums offered at the meeting.

Four specimen apples of each variety shown, accompanied by a short piece of wood three years old of the tree on which the fruit was grown, and a brief history of the tree are required. If the owner of the seedling apple cannot attend the meeting and make the exhibit in person, the fruit, etc., may be sent by express or mail to the secretary of the society. Premiums to the amount of $150 are offered for these seedlings, the most of it to be divided pro rata among the exhibitors, so that each good seedling apple shown will receive some portion of the award. None but varieties of some commercial value are wanted. The society believes there are a great many good seedlings in the state of which the horticultural society is yet in ignorance, and urges growers to exhibit them on this occasion.

For further information and a program of the meeting, address Secretary A. W. Latham, 207 Kasota block, Minneapolis.

Minneapolis (Minn.) Daily ...
TUESDAY, NOVEMBER 19, 1903.

SEEDLING APPLES

State Horticultural Society Asks for Such Exhibits.

The Minnesota State Horticultural society at its annual meeting, to be held in Minneapolis, December first to fourth is making special effort to get out a full exhibit of all the valuable seedling apples now grown in the Northwest, including Minnesota, Western Wisconsin, Northern Iowa, North and South Dakota and Manitoba.

Four specimen apples of each variety shown, accompanied by a short piece of wood three years old of the tree on which the fruit was grown, and a brief history of the tree are required.

Premiums to the amount of $150 are offered.

WEDNESDAY, NOVEMBER 18, 1903.

BIG PRIZE FOR APPLE

State Horticultural Society's Generous Offer Not Yet Claimed

VARIETY MUST BE NEW

Plans Being Made For a Big Joint Meeting in Minneapolis

If any Minnesota horticulturist can produce a seedling apple tree "as hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and apearance, and that will keep as well as the Malinda," he will be awarded a prize of $1,000 by the State Horticultural society, which holds its annual meeting in Minneapolis the first four days in December.

This offer has been standing for several years, but up to the present the prize has not been awarded.

The convention will be held at the First Unitarian church. The meetings will be in the auditorium, and the spacious rooms in the basement will be used to display the fruit to be exhibited. It is expected that the exhibits will be more numerous and comprehensive than ever before.

A feature of the exhibition will be the contest for seedling apples which has been opened to western Wisconsin, northern Iowa, the Dakotas and Manitoba.

The Minesota State Forestry Association, the Minnesota Beekeepers' Association and the Woman's Auxiliary will meet at the same time and place as the horticultural society. Entertaining and instructive lectures upon topic of interest to the organizations have been provided.

The opening session Tuesday morning will be devoted to small fruits. The subjects considered in the morning will be discussed at the afternoon sessions. Wednesday morning will be occupied with the reports of the committees and officers.

The society is considering a plan to place memorials to eminent horticulturists in the horticultural room at the college of agriculture. It is proposed that these memorials shall be of bronze similar to the one to John S. Harris, which is to be placed in the classroom.

Minneapolis (Minn.) Tribune
FRIDAY, NOVEMBER 20, 1903.

SEEK GOOD APPLES

Horticultural Society Wants All Growers to Exhibit.

The Minnesota State Horticultural society at its annual meeting to be held in Minneapolis, Dec. 1 to 4, is making special effort to secure a full exhibit of all the valuable seedling apples now grown in the northwest including Minnesota, western Wisconsin, northern Iowa, North and South Dakota and Manitoba.

Seedling apples from all this territory are permitted to enter into competition for the premiums offered at the meeting. Four specimen apples of each variety shown accompanied by a short piece of wood three years old of the tree on which the fruit was grown, and a brief history of the tree are required.

Chaska (Minn.) Herald.
FRIDAY, NOVEMBER 13, 190...

Sec. A. W. Latham, of the Minnesota Horticultural Society, left last week for St. Louis to arrange for the Minnesota horticultural exhibit. Of the 5,000 feet set aside for horticultural exhibits Minnesota will have 500 feet. The state horticultural society has had sent to it for the exhibit 128 bushels of select apples, which were all hand picked, and will be carefully prepared. Each apple will be wrapped first in tissue paper, then in waxed paper and packed in excelsior. The boxes will be kept in cold storage till wanted for the exhibition. There will be 225 cans of small fruit which have been put up by a process that retains the natural color of the fruit.

St. Paul (Minn.) News
MONDAY, NOVEMBER 19, 1903.

BIG PRIZES FOR NEW KIND OF APPLE.

A prize of $1,000 for a new apple.

This is what the Minnesota Horticultural society offers for an apple which will meet the following conditions:

As hardy as the Duchess, equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda.

The competition for the prize will take place at the society's annual meeting in Minneapolis, Dec. 1, 2, 3 and 4.

1903

Albert Lea Tribune
Dec 17

$1,000 FOR NEW APPLE

The State Horticultural Society Wants to Pay That Amount.

A thousand dollars for a new apple is what the Minnesota State Horticultural society is offering. The competition is open to all, and any one that produces the seedling apple tree that meets the conditions can get the thousand dollars.

The kind of apple the society wants is described in the announcement of the society's thirty-seventh annual meeting, which will be held Dec. 1, 2, 3 and 4 at the First Unitarian church, Eighth street and Mary place, Minneapolis. This is the apple worth $1,000:

"As hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda.'

The society also has a plan for placing memorials to eminent horticulturists in the horticultural room at the Minnesota college of agriculture. The members of the society will be the guests of E. A. Webb at the annual banquet this year, and the money received from the sale of tickets to the banquet will constitue the memorial fund. The plan is to place in the class room portraits of eminent horticulturists, and memorial tablets inscribed with their names. These are to be an accompaniment to the bronze memorial of John S. Harris to be erected in the classroom. Mr. Harris was one of the foremose of Minnesota horticulturists.

The exhibit at this year's annual meeting is expected to be larger and more comprehensive than ever before. A feature will be made of the exhibit of seedling apples, and for the first time the competition is open to Western Wisconsin, Northern Iowa, North and South Dakota and Manitoba.

Clarence Wedge is president of the state society at this time and the work has boomed greatly under his administration. Robert Wedge is to have a paper upon "Handling and Packing Evergreens for Delivery."

The Minnesota State Foresty association, the Minnesota Beekeepers' association and the Woman's Auxiliary will meet at the same time and place as the horticultural society. Entertaining and instructive lectures upon topics of interest to the organizations have been provided. The opening session Tuesday morning will be devoted to small fruits. The subjects considered in the morning will be discussed at the afternoon session. Wednesday morning will be occupied with the reports of the committees and officers. In the afternoon the Minnesota horticultural exhibit at the St. Louis fair will be planned.

The session Thursday afternoon will be joined with that of the State Forestry association and one of the principal addresses will be by George L. Clothier, Washington, D C., upon "Tree Planting on Minnesota Prairies."

Nursery topics will be considered Friday morning and orcharding in the afternoon. The annual banquet will be held Thursday evening.

The beekeepers will be in session during the same days.

Minneapolis (Minn.) Journal
TUESDAY, SEPTEMBER

THE MINNE. ORCHARD

Horticulturists of the State Predict Rapid Strides in Fruit Growing.

A. W. Latham Says Minnesota Will Soon Supply Whole State With Apples.

Horticulturalists, the Minnesota specimens at least, are the most hopeful people in the state. They insist that in no line of farm industry is there so much progress as in the orchard and predict that before long Minnesota will be producing apples for the whole state and some of the neighboring commonwealths. This is a subject that A. W. Latham, who has charge of the horticultural department is ready to talk upon any minute and always with renewed enthusiasm altho he has grown gray in fruit raising.

"We continue to get better and better fruit displays," said Mr. Latham this morning in a talk with a Journal reporter. The exhibits on these tables would be a credit to any state and for a northern country like Minnesota they are simply wonderful. There are at least 300 varieties of apples in this hall—most of them experimental, of course, but the number indicates that our fruit growers are at work all the time and more attention is being given to the cultivation of apples.

"Apples are on a good basis in this state already. We have five or six standard apples here which are grown for the market, such as the Duchess, the Wealthy, the Hibernal, Patten's Greening and the Peerless. These are of fine flavor, a quality in which Minnesota apples excell.

"It will pay our farmers to stop and talk with Frank Yahnke of Winona and T. E. Perkins of Featherstone and other apple growers. Mr. Yahnke has some Wolf River apples which for size and beauty will make eastern growers open their eyes. Mr. Perkins has a splendid collection of seedlings, 116 varities he tells me. They are all from the seeds of a single tree, a Malinda, and were planted ten years ago."

The judges in the horticultural classes began their work yesterday. Professor Samuel B. Green, of the state agricultural college will judge the apples. Thomas Hall, of Minneapolis, president of the State Floral association, will judge the florists' displays. Wyman Elliott, of Minneapolis, the plums and W. L. Parker, of Farmington, the entries of the amateur apple growers.

St. Paul (Minn.) Dispatch.
MONDAY, NOVEMBER 16, 1903.

Big Money for Apple.

The state Horticultural society, which holds its annual meeting in Minneapolis, Dec. 1, 2, 3 and 4, offers a prize of $1,000 for a new apple. Any Minnesota grower who can produce a new specimen of apple "as hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda," will get the money.

Minneapolis (Minn.) Daily News.
MONDAY, NOVEMBER 16, 1903.

ONE GOOD APPLE WANTED

State Horticultural Society Offers $1,000 for It.

One thousand dollars for a Minnesota grown apple as hardy as the Duchess, large as a Wealthy, that will keep like a Malinda, is offered by the State Horticultural society, which will hold its annual session in the First Unitarian church, Minneapolis, the first four days of December.

Minneapolis Tribune Nov. 17

The State Horticultural Society offers $1,000 for a good apple. That confirms the early rumors that apples were to be scarce and high this winter. But if we had the last good apple there was, $1,000 wouldn't tempt us.

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St. Paul (Minn.) Pioneer Press.
THURSDAY, NOVEMBER 10, 1903.

EXHIBIT OF APPLES.

State Horticultural Society Will Award Prizes for Best Seedlings.

The Minnesota State Horticultural society at its annual meeting, to be held in Minneapolis Dec. 1 to 4, is making special effort to get out a full exhibit of all the valuable seedling apples now grown in the Northwest, including Minnesota, Western Wisconsin, Northern Iowa, North and South Dakota and Manitoba. Seedling apples from this territory are permitted to enter into competition for the premiums offered at the meeting. Four specimen apples of each variety shown, accompanied by a short piece of wood three years old of the tree on which the fruit was grown, and a brief history of the tree are required. If the owner of the seedling apple cannot attend the meeting and make the exhibit in person the fruit may be sent by express or mail to the secretary of the society. Premiums to the amount of $150 are offered, the most of it to be divided pro rata among the exhibitors, so that each good seedling apple shown will receive some portion of the award.

A. W. Latham, 207 Kasota block, Minneapolis, is the secretary of the association.

Mapleton (Minn.) Enterprise.
THURSDAY, OCTOBER 30, 1903.

AMBOY

Since Thos. Randall made Gov. VanSant a present of the big apple at the Mapleton carnival he has had numerous letters from all over the state enquiring if any such apples are to be had. Mr. Randall has shipped one box to the Minnesota State Horticultural society and one box to go in cold storage at St. Louis to be exhibited at the coming world's fair.

St. Paul (Minn.) Dispatch.
TUESDAY, NOVEMBER 10, 1903

GROWERS OF FRUIT.

State Horticultural Society Will Meet in December.

The State Horticultural society will hold its annual convention in Minneapolis on the first four days of December. The beekeepers will as usual meet at the same time and place. A reduced railroad fare has been secured and a large attendance is expected. The society offers $250 premiums on fruit exhibits at this meeting.

St. Paul (Minn.) Pioneer Press.
THURSDAY, NOVEMBER 10, 1903.

HOLIDAY FOR FARMERS

STATE HORTICULTURAL SOCIETY.

Annual Meeting Will Be Held in Minneapolis Next Month.

The Minnesota State Horticultural society is planning a farmers' winter holiday for the first four days of December, during which the annual session of the society will be in progress in Minneapolis. The beekeepers will meet at the same time. Many papers of interest to agriculturists will be read.

The railways into the Twin Cities have granted the only low rates that will be in force until Christmas and those that attend the sessions will be able to secure a fare and a third, on the certificate plan. The low rates will be in effect Nov. 27 and will be good returning from the cities until Dec. 8.

The horticulturists, through their society, made a magnificent exhibit at the state fair, and have many questions of importance to discuss relating to the extension of the culture of the classes in which they are directly interested. The sessions will also take up phases of forestry, horticulture, gardening and a variety of other topics coming under the general scope of the society's work. It is expected that several hundred farmers will attend. Secretary Latham of Minneapolis states that farmers who wish special information may obtain it

Austin (Minn.) Transcript.
NOVEMBER 11, 1903

Display of Fine Apples.

The Minnesota State Horticultural society is to hold its annual meeting in Minneapolis the first four days of December. For years the session of this society have been held in the lecture room of the Plymouth church but the greatly increased membership of the society numbering now over 1,400, and the very large fruit display, the exhibit of last year consisting of more than 900 plates of apples, made it necessary to seek larger quarters. The society will hold its session in the audience room of the Unitarian church and the fruit display will be in the lecture room in the basement, where there are ample accommodations for that purpose.

Of special interest at this meeting will be the display of seedling apples (new varieties grown from the seed) and competition is open in seedling apples for not only Minnesota but western Wisconsin, northern Iowa, North and South Dakota and Manitoba and many valuable new varieties of apples are expected. A premium of $100 is offered to be divided pro rata among the exhibitors of seedling apples of commercial merit; no others will be considered. Besides this the society is offering a premium of $1,000 for a first-class seedling winter apple. There are a good many competitors for this prize but so far no award has been made and the offer is still open.

Information in regard to the Horticultural society can be had of the secretary, A. W. Latham, 207 Kasota block, Minneapolis.

Minneapolis (Minn.) Tribune.
NOVEMBER 10, 1903.

$1,000 FOR NEW APPLE

OFFERED BY STATE HORTICULTURAL SOCIETY

The Competition is Open to All, and Anyone Who Produces the Seedling Apple Tree That Meets the Conditions Gets the Money—Society Will Place Memorial to Eminent Horticulturists in Classroom at State Agricultural College—The Annual Meeting.

A thousand dollars for a new apple is what the Minnesota State Horticultural society is offering. The competition is open to all, and any one that produces the seedling apple tree that meets the conditions can get the thousand dollars.

The kind of apple the society wants is described in the announcement of the society's thirty-seventh annual meeting, which will be held Dec. 1, 2, 3 and 4 at the First Unitarian church, Eighth street and Mary place. This is the apple worth $1,000:

"As hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda."

MEMORIAL TABLETS.

The society also has a plan for placing memorials to eminent horticulturists in the horticultural room at the Minnesota college of agriculture. The members of the society will be the guests of E. A. Webb at the annual banquet this year, and the money received from the sale of tickets to the banquet will constitute the memorial fund. The plan is to place in the classroom portraits of eminent horticulturists, and memorial tablets inscribed with their names. These are to be an accompaniment to the bronze memorial of John S. Harris to be erected in the classroom. Mr. Harris was one of the foremost of Minnesota's horticulturists.

The exhibit at this year's annual meeting is expected to be larger and more comprehensive than ever before. A feature will be made of the exhibit of seedling apples, and for the first time the competition is open to western Wisconsin, northern Iowa, North and South Dakota and Manitoba.

JOINT SESSIONS.

The Minnesota State Forestry association, the Minnesota Beekeepers' association and the Woman's Auxiliary will meet at the same time and place as the horticultural society. Entertaining and instructive lectures upon topics of interest to the organizations have been provided.

The opening session Tuesday morning will be devoted to small fruits. The subjects considered in the morning will be discussed at the afternoon session. Wednesday morning will be occupied with the reports of the committees and officers. In the afternoon the Minnesota horticultural exhibit at the St. Louis fair will be planned.

The session Thursday afternoon will be joined with that of the State Forestry association and one of the principal addresses will be by George L. Clothier, Washington, D. C., upon "Tree Planting on Minnesota Prairies."

Nursery topics will be considered Friday morning and orcharding in the afternoon. The annual banquet will be held Thursday evening.

The beekeepers will be in session during the same days.

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Minneapolis (Minn.) Times.
MONDAY, NOVEMBER 16, 1903.

PRIZE OF $1,000 FOR A GOOD APPLE

State Horticultural Society's Generous Offer Has Not Been Claimed.

If any Minnesota horticulturist can produce a seedling apple tree "as hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda," he will be awarded a prize of $1,000 by the State Horticultural society, which holds its annual meeting in Minneapolis the first four days in December.

This offer has been standing for several years, but up to the present the prize has not been awarded.

Will Have Splendid Exhibit.

The convention will be held at the First Unitarian church. The meetings will be in the auditorium, and the spacious rooms in the basement will be used to display the fruit which will be exhibited. It is expected that the exhibits will be more numerous and comprehensive than ever before.

A feature of the exhibition will be the contest for seedling apples which has been opened to western Wisconsin, northern Iowa, the Dakotas and Manitoba.

Foresters and Bee Keepers.

The Minnesota State Forestry association, the Minnesota Beekeepers' association and the Woman's Auxiliary will meet at the same time and place as the horticultural society. Entertaining and instructive lectures upon topics of interest to the organizations have been provided.

The opening session Tuesday morning will be devoted to small fruits. The subjects considered in the morning will be discussed at the afternoon session. Wednesday morning will be occupied with the reports of the committees and officers.

In the afternoon the Minnesota horticultural exhibit at the St. Louis fair will be planned.

The society is considering a plan to place memorials to eminent horticulturists in the horticultural room at the college of agriculture. It is proposed that these memorials shall be of bronze similar to the one to John S. Harris, which is to be placed in the classroom.

St. Paul (Minn.) Pioneer Press.
SUNDAY, NOVEMBER 15, 1903.

PRICE OF $1,000 FOR NEW APPLE

IT IS OFFERED BY THE STATE HORTICULTURAL SOCIETY.

Society Will Place Memorials to Eminent Horticulturalists in the Classroom at the State Agricultural College—Annual Meeting.

A thousand dollars for a new apple is what the Minnesota State Horticultural society is offering. The competition is open to all, and any one that produces the seedling apple tree that meets the conditions can get the thousand dollars.

The kind of apple the society wants is described in the announcement of the society's thirty-seventh annual meeting, which will be held Dec. 1, 2, 3 and 4 at the First Unitarian church, Eighth street and Mary place, Minneapolis. This is the apple worth $1,000:

"As hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda."

Memorial Tablets.

The society also has a plan for placing memorials to eminent horticulturists in the horticultural room at the Minnesota college of agriculture. The members of the society will be the guests of E. A. Webb at the annual banquet this year, and the money received from the sale of tickets to the banquet will constitute the memorial fund. The plan is to place in the classroom portraits of eminent horticulturists, and memorial tablets inscribed with their names. These are to be an accompaniment to the bronze memorial of John S. Harris to be erected in the classroom. Mr. Harris was one of the foremost of Minnesota horticulturists.

The exhibit at this year's annual meeting is expected to be larger and more comprehensive than ever before. A feature will be made of the exhibit of seedling apples, and for the first time the competition is open to Western Wisconsin, Northern Iowa, North and South Dakota and Manitoba.

Joint Sessions.

The Minnesota State Forestry association, the Minnesota Beekeepers' association and the Woman's Auxiliary will meet at the same time and place as the horticultural society. Entertaining and instructive lectures upon topics of interest to the organizations have been provided. The opening session Tuesday morning will be devoted to small fruits. The subjects considered in the morning will be discussed at the afternoon session. Wednesday morning will be occupied with the reports of the committees and officers. In the afternoon the Minnesota horticultural exhibit at the St. Louis fair will be planned.

The session Thursday afternoon will be joined with that of the State Forestry association and one of the principal addresses will be by George L. Clotlier, Washington, D. C., upon "Tree Planting on Minnesota Prairies."

Nursery topics will be considered Friday morning and orcharding in the afternoon. The annual banquet will be held Thursday evening.

The beekeepers will be in session during the same days.

Benson (Minn.) Monitor.
THURSDAY, NOVEMBER 19, 1903.

The annual session of the Minnesota Horticultural Society will take place in Minneapolis on December 1st. Railroads will make a rate of a fare and a third to all those who can produce a certificate of the society. The rate will go into effect November 27, and will be good for return until December 8. As many papers of interest to agriculturalists will be read, all farmers who can possibly go should avail themselves of the opportunity. Secretary Latham at Minneapolis will be pleased to furnish any information desired in regard to the session. The beekeepers will be in session at the same time.

Lake City (Minn.) Republican.
SATURDAY, NOVEMBER 21, 1903.

Their Annual Meeting.

The thirty-seventh annual meeting of the Minnesota State Horticultural Society will be held in Minneapolis the first four days of December, the audience room of the First Unitarian church having been secured for the holding of the daily sessions.

By glancing through the program which was sent to THE REPUBLICAN, we note that a number of Lake City people will participate in the meeting. Mr. J. M. Underwood is a member of the executive board but will not attend the sessions, owing to his absence in California. E. A. Smith will open the meeting with an organ prelude, and at the same session, Nils Anderson will present a paper on "The Blackberry Patch." Mrs. Anna B. Underwood, as a member of the committee on "ornamental list," will read her annual report, and will also present her report as Secretary of the Woman's Auxiliary. Mrs. J. B. Hudson will give her ideas on "Protection of Song Birds," and Oliver Gibbs, a former resident of Lake City, will also appear before the Woman's Auxiliary with a paper on "Our Summer Boarders—the Birds." Roy Underwood has also been assigned to a subject under the head of "nursery topics." He will speak on "Apple Stocks: the Best Kind, and the Best Method of Growing."

The meeting will be full of interest to horticulturists and the Lake City members of the society will no doubt lend much influence to the annual occasion.

St. Paul (Minn.) Pioneer Press
MONDAY, NOVEMBER 23, 1903.

INTEREST IN SEEDLING

E EXHIBIT IS EXPECTED.

Plans Are About Completed for Meeting of Horticultural Society Dec. 1-4.

Plans for the annual meeting of the Minnesota State Horticultural association, which will be held in Minneapolis Dec. 1 to 4, are about completed, and a big attendance and some fine exhibits are expected. The interest centers around the display of seedling apples and it will probably be one of the finest exhibits ever gotten together in the Northwest.

Seedling apples from Minnesota, Western Wisconsin, Northern Iowa, North and South Dakota and Manitoba will be exhibited. A fine list of premiums has been arranged for this class. Four apples of each variety are to be shown.

Each will be accompanied by a short piece of wood three years old of the tree on which the fruit was grown. A brief history of the trees is also required. Premiums to the amount of $150 are offered for these apples.

The society believes there are a number of good seedlings of commercial worth in the state of which the society is still in ignorance. Growers are therefor urged to take advantage of this opportunity and show this variety of apples. A. W. Latham, secretary of the association, has rooms at 207 Kasota block, and he will be pleased to give any information desired to prospective exhibitors.

mpls Daily News
nov. 30-03

FRUIT GROWERS TO MEET

The annual meeting and exhibit of the Minnesota State Horticultural society will open Tuesday in the First Unitarian church. Interesting features are planned for each of the five-day sessions. The basement of the building will be used for exhibits of grapes, apples and flowers, and the prizes are the largest ever offered in the state, including $1,000 for the ideal Minnesota grown apple.

The State Beekeepers association will hold their annual meeting with the horticulturists and many interesting papers on bees and beekeeping will be read.

St. Paul (Minn.) Globe.
SUNDAY, NOVEMBER 29, 1903

FRUIT GROWERS TO MEET.

State Horticultural Society Will Convene Tuesday.

The Minnesota State Horticultural society will hold its thirty-seventh annual meeting at First Unitarian church from Tuesday to Friday.

There will be the usual exhibits of fruit, and the collection promises to exceed 1,000 plates. The State Forestry association will meet Thursday and the Minnesota Bookkeepers' association Wednesday and Thursday. The Women's Auxiliary to the Horticultural society meets Wednesday.

Minneapolis (Minn.) Journal
MONDAY, NOVEMBER 30, 1903.

GOOD MEETING PROMISED

State Horticulturists Assemble in Minneapolis To-morrow for Their Annual Convention.

A big attendance is expected tomorrow at the opening session of the State Horticultural society's thirty-seventh annual convention at the First Unitarian church. The display of fruit is expected to break all records and many of the papers and discussions will be of public interest. In connection with this three days' gathering, the Minnesota Forestry association will hold a session Thursday afternoon and the Minnesota Beekeepers' association will meet Wednesday and Thursday. The Women's auxiliary will hold a joint session with the Horticultural society Wednesday at 3 p. m., and the auxiliary's business session will be held Thursday morning.

After an organ prelude by E. A. Smith of Lake City and an invocation by Rev. H. M. Simmons, to-morrow's program will be as follows:

Greeting by the president.

Appointment of committee on credentials.

General Subject—Small Fruits.

1—"Field Culture of Strawberries," A. Brackett, Excelsior.

2—"Growing Strawberries for Home Use and Market," G. A. Anderson, Renville.

3—"The Blackberry Patch," Nils Anderson, Lake City.

4—"Harvesting and Marketing the Small Fruit Crop," Alfred Hawkins, Excelsior.

5—"How I Grew Grapes," J. W. Murray, Excelsior.

6—"Horticultural Improvements in Duluth," Mrs. Ida B. Thompson, Duluth.

7—"The Horticultural Needs of the Minnesota Farmer," Frank Yahnke, Winona.

2 O'CLOCK.

1—"Lights and Shadows of Pioneer Fruit Growing," E. R. Pond, Minneapolis.

2—"Planting on the Farm Homes of the Red River Valley," T. A. Hoverstad, Crookston.

3—"Shop Talk No. 2," Wyman Elliot, Minneapolis.

4—"My Cherry Orchard," W. S. Widmoyer, Dresbach.

5—"Growing Peaches on the Prairie," Henry Dunsmore, Olivia.

6—"Mulching," H. H. Pond, Minneapolis.

7—"Raising Muskmelons for Market," J. V. Bailey, Newport.

8—"Asparagus for the Home Garden," E. F. Pabody, Minneapolis.

9—"The Selection of Seed Potatoes," William Sandrock, Houston.

10—"Keeping Up Humus in the Soil," John Osborn, Dassel.

11—"Horticultural Ventures, Wise and Otherwise," Dewain Cook, Jeffers.

Appointment of committees on award of premiums, president's address, obituaries and final resolutions.

St. Paul (Minn.) Pioneer Press
MONDAY, NOVEMBER 30, 1903.

GROWERS OF FRUIT MEET

FIRST SESSION OF STATE HORTICULTURAL ASSOCIATION.

"Small Fruits" Is Topic of First Discussion—State Forestry Association and State Beekeepers Will Meet With the Fruit Men.

To-morrow the thirty-seventh annual convention of the Minnesota State Horticultural society will be called to order in Minneapolis. The convention will continue in session until Saturday and the meeting place is the auditorium of the First Unitarian church.

There will be the usual exhibition of fruit in connection with the meeting and the State Forestery association will meet with the horticulturists Thursday and the state beekeepers will meet with the other conventions Wednesday and Thursday.

"Small Fruits" will be the topic of the papers and discussions at Tuesday's session of the horticultural association. There will be eighteen papers upon the subject. Wednesday the reports of the president and the other officers will be read. The superintendents of various trial stations will also make the regular report at this time.

Thursday afternoon there will be a "memorial hour," in which the delegates to the Forestry convention will participate. Thursday evening this association will enjoy its annual banquet.

Friday morning there will be papers upon "Nursery Topics" and the final paper before the adjournment Friday will be "Orcharding."

There are at present 1,430 members of the horticultural association. Clarence Wedge of Albert Lea is president, A. B. Lyman of Excelsior is treasurer and A. W. Latham of Minneapolis is secretary.

1903

Minneapolis (Minn.) Daily ...
TUESDAY, DECEMBER 1, 1903.

GROWERS OF FRUIT IN SESSION TODAY

State Horticultural Society Meets at First Unitarian Church.

OTHER CONVENTIONS, TOO

The annual convention of the State Horticultural society opened this morning at the First Unitarian church, with 150 present. The address of greeting by President Clarence Wedge was the feature of the forenoon meeting. Other interesting addresses were on "Grapes," by J. W. Murray of Excelsior, and "Horticultural Improvements in Duluth," by Mrs. Ida B. Thompson of that city.

It is expected that the attendance will be larger Wednesday, when will be heard the president's annual address, reports of superintendents and vice-presidents, and the discussion of the state fruit exhibit at St. Louis.

Wednesday also there will be a joint session with the women's auxiliary, and the State Bee-Keepers will open their two days' convention at the same building.

Minneapolis (Minn.) Journal
TUESDAY, DECEMBER 1, 1903.

PAPERS AND FRUIT

Attractions at the Meeting of the Minnesota Horticultural Society To-day.

Some of the Apples May Compete for $1,000 Prize for Ideal Minnesota Apple.

Many students from the state agricultural college were instructed this morning by the proceedings of the Minnesota State Horticultural society, which began to-day its thirty-seventh annual meeting in the audience-room of the First Unitarian church. About 300 were present—more than last year—indicating the prominence of the Minnesota society as the largest association of its kind in America.

The fruit exhibit held in the basement of the church is particularly rich in seedling apples. Not a few varieties were shown that may compete for the $1,000 prize offered for an ideal Minnesota apple. Long tests will be needed to prove the worth of such competitors.

Excellent grapes were shown, especially from the northwestern Italy around Lake Minnetonka. A modest but attractive display of carnations was made by Assistant Secretary P. E. Dunklee.

The members were welcomed, after an invocation by Rev. H. M. Simmons, in an address by President Clarence Wedge of Albert Lea.

Upon the general subject, "Strawberries," A. Brackett of Excelsior, speaking without notes, tendered advice similar to that given in the paper by G. A. Anderson of Renville, who recomended the Warfield variety of berry, planted on a medium elevation, where the soil is well drained. Nils Anderson of Lake City, in the only paper upon blackberries, said that blackberries flourish best in a moist, loamy, cold soil. Alfred Hawkins of Excelsior insisted that small fruits be picked after the dew has dried and that the picking be done carefully by adults.

J. W. Murray of Excelsior praised the Delaware as "the king and queen of Minnesota grapes." Mrs. Ida B. Thompson of Duluth described the successful ventures of herself and her associates in horticulture and in decorative arboriculture. An unread paper written by Frank Yahnke of Winona proposed that Minnesota farmers buy their fruit trees of home nurseries and follow the "fruit list" of the horticultural society.

Eleven other papers, read this afternoon, touched upon small fruits, peaches, muskmelons and seed potaeos.

Annual reports will be read to-morrow, when the women's auxiliary will meet in joint session with the men's society.

To-morrow's Program.

WEDNESDAY, 9 A. M.

Annual Reports—President's annual address, Clarence Wedge, Albert Lea; annual report of the executive board, Wyman Elliot, chairman, Minneapolis; annual report of secretary, A. W. Latham, Minneapolis; annual report of treasurer, A. B. Lyman, Excelsior; reports of vice presidents by congressional districts.

Reports of Superintendents of Trial Stations—Professor S. B. Green (Central Station), St. Anthony Park; Thomas E. Cashman, Owatonna; Dewain Cook, Jeffers; O. M. Lord (plums and small fruits), Minnesota City; F. J. Harris, La Crescent; A. B. Lyman, Excelsior; L. R. Moyer, Montevideo; Mrs. Jennie Stager, Sauk Rapids; J. S. Parks, Amboy; F. J. Cowles, West Concord.

Report of Committee on Ornamental List—Mrs. Anna B. Underwood, Lake City; P. H. Nutter, Minneapolis; L. R. Moyer, Montevideo.

Reports of Local Societies—Southern Minnesota Horticultural society; Meadow Vale Horticultural club, and others.

Report of Committee on Packages and Marketing—R. A. Wright, Excelsior; Levi Longfellow, Minneapolis; Thomas Redpath, Wayzata.

Report of Committee on Gideon Memorial Fund—Wyman Elliot, chairman.

Report of Committee on Harris Memorial Fund—S. M. Owen, chairman.

2 P. M.

1—"Minnesota as an Apple State," H. H. S. Rowell, Minneapolis.

2—"The Minnesota Horticultural Exhibit at the Coming World's Fair at St. Louis," A. W. Latham, superintendent.

2:15 P. M.

An address by Rev. C. S. Harrison, York, Neb., "The Forward Movement in Horticulture."

3 P. M.

Woman's Auxiliary—Joint Session.

President's greeting, Miss Emma V. White, Minneapolis.

Secretary's report, Mrs. Anna B. Underwood, Lake City.

1—"Our Cousins, the Trees," Mrs. Florence Barton Loring, Minneapolis.

2—"Peonies," Rev. C. S. Harrison, York, Neb.

3—"Protection of Song Birds," Mrs. J. B. Hudson, Lake City.

4—"Our Summer Boarders—The Birds," Oliver Gibbs, Prescott, Wis.

5—"Some Improved Home Grounds in Minneapolis," Mrs. M. M. Barnard, Minneapolis.

6—"Improving Country School Grounds," P. H. Nutter, Minneapolis.

7—"The Pleasures of Gardening," Miss Martha Scott Anderson.

...lis (Minn.) Times
TUESDAY, DECEMBER 1, 1903.

FRUIT GROWERS WILL MEET TO-DAY

Minnesota State Horticultural Society Will Hold Thirty-seventh Convention.

The Minnesota State Horticultural society will open its thirty-seventh annual convention this morning at First Unitarian church, and continue for four days. During the week there will be meetings of the State Forestry and Bee-keepers' associations, auxiliaries to the horticulturists.

To-day's program, which opens its convention and exhibit at the First Unitarian church this morning, is a comprehensive one. The subject of small fruits will be discussed this morning and as there are a large number of papers to be read a ten-minute limit has been placed on them. The program is as follows:

"Field Culture of Strawberries," A. Brackett, Excelsior.

"Growing Strawberries for Home Use and Market," G. A. Anderson, Renville.

"The Blackberry Patch," Nils Anderson, Lake City.

"Harvesting and Marketing the Small Fruit Crop," Alfred Hawkins, Excelsior.

"How I Grew Grapes," J. W. Murray, Excelsior.

"Horticultural Improvements in Duluth," Mrs. Ida B. Thompson, Duluth.

"The Horticultural Needs of the Minnesota Farmer," Frank Yahnke, Winona.

"Lights and Shadows of Pioneer Fruit Growing," E. R. Pond, Minneapolis.

"Planting on the Farm Homes of the Red River Valley," T. A. Hoverstad, Crookston.

"Chop Talk No. 2," Wyman Elliot, Minneapolis.

"My Cherry Orchard," W. S. Widmoyer, Dresbach.

"Growing Peaches on the Prairie," Henry Dunsmore, Olivia.

"Mulching," H. H. Pond, Minneapolis.

"Raising Muskmelons for Market," J. V. Bailey, Newport.

"Asparagus for the Home Garden," E. F. Pabody, Minneapolis.

"The Selection of Seed Potatoes," Wm. Sandrock, Houston.

"Keeping Up Humus in the Soil," John Osborn, Dassel.

"Horticultural Ventures, Wise and Otherwise," Dewain Cook, Jeffers.

St. Paul (Minn.) Farm Farmer
Dec. - 1903

A BUNCH OF APPLES.

The apples figured here were grown in the orchard of Mr. John W. Scott, president of the Citizens' National Bank, Austin, Minn. They are of the



Wealthy variety. Fourteen of them hang on a branch about the size of a lead pencil, and are all perfectly developed.

EARLY WINTER NOTES.

A farmer's winter holiday in the city is what the meeting of the State Horticultural Society has arranged for this winter, with every possible inducement and opportunity for making it within the means, and worth the time of every farmer, gardener, orchardist and soil tiller of any kind within a day's ride of Minneapolis. The sessions of the society begin Tuesday, December 1st, and last four days. Railroads have granted the usual concessions of a fare and one-third for a round trip, in order to secure which it will, of course, be necessary to take a receipt for full fare paid one way in connection with each railway ticket purchased.

* * *

The premiums offered by the society are specially attractive this year, the competition on seedling apples being open to the west half of Wisconsin, north one-third of Iowa, all of North and South Dakota and Manitoba. Prizes amounting to considerably over a hundred dollars offered for the two classes of early and late winter apples. While the $1,000 premium is still held out for the best long keeping variety, the terms of which have been several times published in these columns. The society is still increasing its membership at a rapid rate, some fourteen hundred being already enrolled, and the prospect is that by the time the society convenes it may increase to the fifteen hundred mark.

This is a state institution, supported in a measure by the funds of the state, and whose officers are accountable to the state; hence its privileges and benefits should be enjoyed by all, and those who come to the meeting will be welcomed with a hearty brotherly cheer by the older members. This is a grand opportunity, and we hope that large numbers of our readers will embrace it. Our city brethren think it necessary to have a little relaxation in the country in the summer time. Why may not we soil tillers need and enjoy a winter holiday in the city?

* * *

Among the features of this meeting will be the unveiling of a bronze tablet with a life likeness of the father of Minnesota horticulture, John S. Harris, than whom there is no one that the horticulturists of Minnesota more delight to honor, and certainly no one to whom they are more indebted for the present progress and comfort which they enjoy in their orchards and gardens, a man whose home life and private virtues were no less creditable than his unostentatious labors in behalf of his beloved art.

* * *

Although the ground is frozen, it will not yet be too late to cover strawberry beds, and other tender things that may have been neglected up to this date. Of course it would be nearly impossible to use soil for covering roses, grape vines, raspberries, and a great variety of other plants for which soil is usually the most convenient material for the purpose, but manure or chaff, leaves or litter of any kind that will protect from alternate freezing and thawing and extreme cold, will be likely to be reasonably effectual. If there is already a cover of snow over the strawberry bed, the mulch should be placed upon top of the snow, and will be just as valuable there as if it was immediately upon the plants.

* * *

A sample apple of Northwestern Greening that has been on our desk for several weeks shows one quality that does a long way toward making a valuable long keeping fruit. While others wear it have been shriveling from the dry air of the house until they are almost as dry as a sponge, this fruit with its clear oily surface is still remarkably firm and well preserved, imitating this particular one of the best qualities of the Ben Davis. There is no variety except the Wealthy that is receiving so much attention at the hands of planters as this fruit, and we are begining to think that it may deserve all the popularity that it is receiving.

* * *

We have been using the Verbena as a flower to cover the tulip bed after the tulips have finished their season, and we have been very much pleased with its behavior for the past two years. It spreads very rapidly over the ground, and even when placed about 18 inches apart will very soon make a complete mat. For an abundace of brilliant and fragrant bloom, they are almost without a rival. The thing we have particularly noticed this season is that they will stand a severe freeze, and make a very agreeable appearance through weeks of freezing weather until almost the middle of November, indeed until the ground just about closes up for winter. A bed such as this, with crocus and tulips, the very first flowers of spring, followed by Verbena, about the last of all to keep their beauty, will give about as long a display of flowers as it is possible to get in Minnesota.

CLIPPED FROM
St. Paul (Minn.) Farmer
Dec. - 1903.

MINNESOTA STATE HORTICULTURAL SOCIETY.

The thirty-seventh annual meeting of the Minnesota Horticultural Society will be held in the audience room of the First Unitarian Church, corner 8th St. and Mary Place, Minneapolis, December 1, 2, 3 and 4. The Minnesota State Forestry Association, Minnesota Bee-Keepers' Association and the Woman's Auxiliary will meet in the same building at the same time.

A large attendance is expected. The place of meeting is centrally located and is well adapted to the purpose.

There will be reduced railway fares and special rates at hotels have been secured.

The programme is before us, and it is full of good things.

A special feature this year, as last, will be the exhibit of seedling apples. Prizes amounting to one hundred dollars will be given on seedling apples.

On Thursday evening at 6:30 o'clock will be given the annual society banquet, and, as the programme states, "On this occasion the members of the society attending are to be the guests of Mr. E. A. Webb, publisher of The Farmer, and the money received for the sale of tickets to the banquet is to constitute a fund to be used in providing the Horticultural class room at the Minnesota College of Agriculture with memorials of eminent horticulturists, such as portraits and tablets inscribed with their names, as a fitting accompaniment to the bronze memorial tablet of John S. Harris to be erected therein.

St. Paul (Minn.) News
WEDNESDAY, DECEMBER 2, 1903.

FRUIT GROWERS MEET.

State Horticultural Association Annual Reports Show Good Results.

At the meeting of the State Horticultural association in Minneapolis today the annual reports of Clarence Wedge, president; A. Latham, secretary, the various trial stations and district vice presidents were presented.

The reports show the association has a membership of 1,450, is growing, and that better results are being attained each year.

No one has yet presented a new apple which comes up to the requirements for the $1,000 prize offered by the association.

1903

Minneapolis (Minn.) Journal
WEDNESDAY, DECEMBER 2, 1903.

FINE SHOW OF FRUIT

Display by the Horticultural Society This Year Breaks All Records.

The $1,000 Prize for the Best Seedling Brings Out Many Entries.

The 1,200 plates of apples in the fruit exhibit displayed at the First Unitarian church, Eighth street and Mary place, in connection with the annual meeting of the State Horticultural society, constitutes the largest exhibit that the society has yet prepared.

Much attention was given by visitors yesterday to the 100 varieties of seedling apples that secured the first Wilder medal when exhibited a few months ago at the Boston meeting of the American Pomological society.

The biggest individual exhibit in the local display is that of the Jewell Nursery company of Lake City. Other prominent exhibitors are W. L. Parker, Ditus Day and D. K. Aiken of Farmington; P. H. Perry of Excelsior; Thomas Redpath of Wayzata; J. R. Cummins of Eden Prairie, and S. H. Kenny of Morristown. Mr. Day has succeeded notably with his Day No. 2, an apple that keeps for two years. Admirable seedlings grown as far north as Aitkin county are exhibited by O. S. Hazelton.

The productiveness of Minnesota orchards is manifested on two tables, one of which shows twenty-five varieties of early winter apples, and the other seventy-five varieties of late winter apples.

Several excellent entries of seedlings have come from Wisconsin, the fruit display having been opened this year for the first time to pomologists in western Wisconsin, northern Iowa, South Dakota, North Dakota and Manitoba.

Additional varieties are now competing for the $1,000 prize first promised several years ago for an ideal Minnesota apple. It must be "as hardy and prolific as the Duchess"; it must equal the Wealthy in size, quality and appearance"; and it must keep as well as the Malinda." More than thirty varieties have already undergone tests in this competition. But such tests must be continued, at the various state experimental stations, for a series of years before any approximate guess can be made as to the triumph of any one variety.

Fine specimens of the Wealthy apple remind the older horticulturists that this choice fruit, well known and admired the world over, was first grown at Lake Minnetonka, a few miles from Minneapolis, by M. Gideon, forty years ago.

"And the first apple trees ever planted in Minnesota," said T. Hoverstad of Crookston, yesterday, "were planted by my father in 1844 about eleven miles south of Minneapolis. He brought the seeds from Connecticut. A hundred trees sprouted, but only two became productive. One of these, at the age of 59 years, is still bearing fruit."

Judges of the fruit exhibit were appointed yesterday as follows: W. L. Posher, apples in cold storage; J. A. Andrews, apples in cold storage; W. L. Taylor, Wealthy apples; Wyman Elliott and S. B. Green, seedling apples; J. W. Murray, grapes; Mrs. Ida V. Thompson, flowers.

St. Paul (Minn.) Globe.
WEDNESDAY, DECEMBER 2, 1903.

MINNEAPO

FRUIT GROWERS MAKE EXHIBITS

Over 1,200 Specimens of Apples Shown at State Horticultural Society's Annual Meeting.

Though the speakers at yesterday's annual meeting of the State Horticultural society did not indulge in many oratorical flights, their papers and addresses were full of common sense and practical suggestions on horticultural themes.

The attendance was unusually large for the opening day, as something like 150 members and visitors were present. Among the distinguished guests from other states were: A. D. Barnes, delegate from the Wisconsin State Horticultural society; P. J. Bentz, from the South Dakota society; P. Clausin, from the Southern Minnesota society; Rev. C. S. Harrison, from the Nebraska society.

Other members from the Wisconsin society were George J. Kellogg and A. J. Phillips.

After the greeting by the president, Clarence Wedge, of Albert Lea, the topic for the forenoon, "Small Fruit," was taken up, the speakers and their subjects being as follows: "Field Culture of Strawberries," by A. Brackett, of Excelsior; "Growing Strawberries for Home Use and Market," G. A. Anderson, of Renville; "The Blackberry Patch," Nils Anderson, of Lake City; "Harvesting and Marketing the Small Fruit Crop," Alfred Hawkins, of Excelsior; "How I Grew Grapes," J. W. Murray, of Excelsior; "Horticultural Improvements in Duluth," Mrs. Ida B. Thompson, of Duluth; "The Horticultural Needs of the Minnesota Farmer," Frank Yahnke, of Winona.

Small Fruits Discussed.

The afternoon programme covered various topics. "Lights and Shadows of Pioneer Fruit Growing" was presented by E. R. Pond, of Minneapolis; "Chop Talk No. 2," Wyman Elliot, of Minneapolis; "Mulching," H. H. Pond, of Minneapolis; "Raising Musk Melons for Market," J. V. Bailey, of Newport; "Asparagus for Home Gardens," L. F. Pabody, of Minneapolis;; "Horticultural Ventures, Wis and Otherwise," Dewain Cook, of Jeffers.

An impromptu address on "Cherries" was given by Thomas Allan, of Thoman.

The following were appointed judges of the exhibit, which is displayed in the basement of the church: J. W. Murray, on grapes; Mrs. Ida V. Thompson, on flowers; W. L. Posher, on apples in cold storage; J. A. Andrews, on apples not in cold storage; W. L. Taylor, on Pech Wealthy; Wyman Elliot and S. B. Green, on seedling apples.

The exhibit includes something like 1,200 plates of apples representing several hundred varieties, and the fruit of some fifty different orchards. Among the largest exhibitors are T. E. Perkins, of Red Wing, who has a table full of seedlings, showing 100 varieties.

It was this same exhibit that was sent to the pomological exhibition held in Boston last fall, and which caused much favorable mention. The largest exhibit is made by the Jewell Nursery company, of Lake City.

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The following committees were appointed by the president:

Obituary—C. M. Loring, R. A. Wright, and Dewain Cook.

Final Resolutions—A. A. Brochett, D. M. Mitchell and H. H. S. Rowell.

The following were appointed judges of the exhibit, which is displayed in the basement of the church: J. W. Murray on grapes; Mrs. Ida V. Thompson on flowers; W. L. Posher on apples in cold storage; J. A. Andrews on apples not in cold storage; W. L. Taylor on Pech Wealthy; Wyman Elliot and S. B. Green on seedling apples.

Over 1,200 Exhibit of Apples.

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W. L. Parker, of Farmington, has apples not kept in cold storage, his Patten Greenings being unusually large and perfect. Another exhibit from Farmington that attracts favorable comment is that of Mrs. D. F. Akin.

It is significant sign that some of the best seedling apples come from as far north as Aitkin county, the exhibitor being D. C. Hazelton. Four entries of seedling apples have been made by apple growers in Western Wisconsin, as the competition of this variety is open to the western half of Wisconsin, a part of Iowa, and all of North and South Dakota as well as Manitoba.

The society has offered a premium of $1,000 for a seedling apple tree "as hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda," and though many entries have been made the judges will require more time in order to decide on the lasting merits of such a tree.

One of the most interesting features of the meeting will be the annual so-

Minneapolis (Minn.) Times
WEDNESDAY, DECEMBER 2, 1903.

FRUIT GR
MAR

CLARENCE WEDGE,



President State Horticultural Society.

ciety banquet given at the Y. W. C. A. building, E. A. Webb being the host.

The president, Mr. Wedge, will act as toast master and responses will be given by President Cyrus Northrop on "The Nobility of Service"; Rev. C. S. Harrison, of York, Nebraska, but formerly a resident of Minnesota and Professor S. B. Green, as well as other members of the society.

Proceedings of To-day.

This morning the president's annual address will be given and reports from the vice presidents, from superintendents of trial stations and from various standing committees will follow.

Beginning at 2 p. m., H. H. S. Rowell will speak of "Minnesota as the Apple State"; A. W. Latham will tell of "The Minnesota Horticultural Exhibit at the World's Fair in St. Louis," and Rev. C. S. Harrison will give an address on "The Forward Movement in Horticulture."

The remainder of the afternoon will be given over to a joint session with the Woman's auxiliary with the following program: President's greeting, Miss Emma V. White, of Minneapolis; secretary's report, Mrs. Anna B. Underwood, of Lake City; "Our Cousins, the Trees," Mrs. Florence Barton Lorling, of Minneapolis; "Peonies," Rev. C. S. Harrison; "Protection of Birds," Mrs. J. B. Hudson, of Lake City; "Our Summer Boarders," Oliver Gibbs, of Prescott, Wis.; "Some Improved Home Grounds in Minneapolis," Mrs. F. M. Barnard, of Minneapolis; "Improving Country School Grounds," F. H. Nutter, of Minneapolis; "The Pleasures of Gardening," Martha Scott Anderson.

BEKEEPERS MEET

The fifteenth annual convention of the Minnesota Beekeepers' association will hold its first session this morning in one of the parlors of the Unitarian church, the horticultural convention being held in the main auditorium. The latter meeting will continue until Friday noon while the beekeepers' convention will adjourn Thursday afternoon. Neither of the societies hold evening sessions except the horticultural banquet Thursday night.

Minneapolis (Minn.) Times
WEDNESDAY, DECEMBER 2, 1903.

THE FRUIT GROWERS.

The early settlers here, a good many of whom prophesied that this would never be a fruit growing country, must be a little surprised at the strong society of men interested in fruit raising for profit which is now meeting here. Probably a good deal of the local atmosphere of enthusiasm and perseverance which marks the Minnesota Horticultural society may be credited to the influence of the agricultural college and experiment station. Farmers, like all other people, want to get as much for their money as possible. The agricultural colleges of the country are working along with just this idea of getting more returns from the land in every way, and the farmers and fruit raisers of the country are wide awake at adopting new ideas.

Systematic agriculture is the only kind of up-to-date agriculture, and horticulture, as a feature of agriculture, is practicing more carefully every year the study of the details of production. The time when every farmer followed his own convenience as to cultivating his acres is almost gone. A "shiftless" farmer in these days is a rare sight. Competition is sending him to the bottom of the heap and some other man is in his place. Farming and fruit raising, like other things, are strenuous vocations; for when the soil and the farmer and the climate agree for one whole year, there is no telling what new bug or worm may come in to be met by science and exterminated by grit.

Since these are our own horticulturists who are meeting here The Times hopes that some time during the discussion light will be thrown upon our inability to produce, as we did a few years ago, local grapes that could be found in the markets until after the holidays. The delicious native grapes of Concord and Delaware variety are a product too much valued not to be missed from their accustomed months of market appearance. Five or six years ago we counted on these grapes as almost a winter fruit. Did they appear under an alias then; do the sun spots account for their early disappearance now, or is it only that population and grape culture have not kept pace? If the latter, the present large convention of fruit growers is a hopeful sign. The destiny of Minnesota points to prize apples and prize grapes in plenty as well as to small fruits.

1903

Horticultural Report.

Report of delegate to the Minnesota State Horticultural Society by J. B. Mitchell, Cresco, Ia. Read at the Northwestern Iowa Horticultural Society at Decorah, December 16-18.

By the courtesy of Pres. Reeves, I had the honor and pleasure to attend the thirty-seventh annual meeting of the Minnesota State Horticultural Society at Minneapolis, Dec. 1st to 4th, as delegate from this society.

The meeting was held in the audience room of the First Unitarian church. The fruit exhibit was in the lecture room in the basement, which is large and well lighted. The more than 1,000 plates of apples, mostly Minnesota grown, and a good showing of grapes and other fruit in the exhibit were good, well displayed, and showed to advantage. Northern Iowa will have to look well to her laurels in competing with Minnesota apple growers if they will keep to the front.

I regret not being at the first day's meeting. Wednesday morning's session was called to order promptly at 9:00 o'clock by Pres. Clarence Wedge, of Albert Lea. The early morning hours were taken up by reading address by Pres. Wedge, in which he recommended that steps be taken to provide a permanent home for the society, the annual report of executive board, Wyman Elliot, Minneapolis, chairman; secretary, A. W. Latham; treasurer, A. B. Lyman, Excelsior; and several reports of vice presidents, of which there are one from each of nine congressional districts.

Frank Yahnke, Winona, in his report recommends several of the Russian apples. A. H. Reed, Glencoe, reports the largest apple crop ever grown there. R. A. Wright, Excelsior, says Charlamoff and Wealthy blighted badly with him; apple crop generally good. W. L. Taylor, Howard Lake, says apple crop was good. N. W. Greening heavy crop. D. T. Wheaton, Morris, reports the last season as very favorable for apples, but some blights, a good crop of apples; raspberries and gooseberries poor. Dewain Cook, Jeffers, says apple trees on low land are doing well, Atonoska bore a heavy crop, N. W. Greening bore well top worked. A. B. Lyman, Excelsior, does not like Martha Crab, says it is handsome in bloom, but does not fruit.

Prof. S. B. Green, of the State Agricultural College, presided at the afternoon session, as Pres. Wedge was called home by a telegram that Mrs. Wedge had died suddenly in New York City, where she had been ill, but not considered dangerous.

The afternoon session opened by H. H. S. Rowell, Minneapolis, reading a paper on "Minnesota as an Apple State." He said there are 1,000 plates of apples on exhibition at this meeting, that the society had grown to 1,430 members at this time, the late P. M. Gideon had fruited 100 seedling apple trees, Minnesota has 2,000,000 apple trees in orchard, commercial apple growing is a success, that apple growing in Minnesota is more sure than orange culture in Florida or California.

At 3:00 o'clock the Woman's Auxiliary held a joint session with the Horticultural Society. Pres. Miss Emma V. White, Minneapolis, read an address and ably presided over the meeting. Some of the topics treated were, "Our Cousins, the Trees," "Peonies," "Protection of Song Birds," "Our Summer Boarders, the Birds." After the paper "The Protection of Song Birds" was read by Mrs. J. B. Hudson, of Lake City, a resolution was passed to present the subject of the paper to the attention of the school teachers at the next meeting of the Minnesota Educational Society. In discussing this paper, A. J. Phillips, West Salem, Wis., put in a strong plea for the birds. He struck the key note when he said, "The Chicago car barn murderers were of the class of boys who kill innocent birds."

Thursday's morning session was mostly taken up with reading papers on "Evergreens" and reports of committees. White Pine was generally considered the best adapted to the north part of the state. It was contended by some that it would not succeed in the southwestern part O. C. Gregg, of Lynd, said it was all right with protection. He preferred Golden Willow for wind break. Red Cedar was generally claimed to be the best evergreen for southwestern Minnesota.

Thursday afternoon an hour memorial service was held in memory of members of the society who had died within the year, to-wit: E. H. S. Dart, James T Grimes, and W. W. Pendergast; and Mrs. Clarence Wedge; in which many sympathetic testimonials were brought out.

Election of officers resulted in re-electing Pres. Wedge, Sec. Latham, Treas. Lyman, and nearly all the other officers. The balance of the afternoon was occupied in joint session with the Minnesota State Forestry Association.

Friday's morning session was taken up with reports of committees and awards of premiums and papers on nursery topics in general.

The afternoon and closing session was devoted to the general subject, "Orcharding," which was well handled and interesting and listened to by the largest attendance of the meeting, the seating capacity of the audience room being nearly filled.

Though the society was conservative on the Russian apples there were quite a number who commended several sorts of them; they were also in evidence in the fruit display.

C. C. Dyke, of White Bear, who has about 1,000 trees in orchard, says Hibernal is the best stock for tap working and blights less than Virginia Crab. He also said Patten's Greening was the money-making tree for him. Several others expressed the same opinion, and Mr. Patten was complimented for originating and disseminating the apple. Whatever its keeping qualities, or whatever is said of it, pro or con, the P. G., it seems, is in Minnesota to stay.

It is hardly necessary for me to tell you that the horticulturists of Minnesota are an enthusiastic, energetic people, the progress they have made in apple culture since the organization of their society thirty-seven years ago and the growth of it to nearly one and a half thousand members—the largest like society on the western continent, and this in a climate formerly considered too rigorous for the attempt to grow fruit, fully attest this fact.

The many gray beards and white heads in this society indicate the early pioneers in horticulture who are still zealous in their chosen work to provide fruit for the home and to make the "North Star State" one of the foremost apple growing states in the Union. It has already gained national notoriety in the production of valuable Seedling apples.

At the American Pomological Society held in Boston, Sept. 12, 1903, Minnesota was awarded the "Wilder" gold medal for the best collection of new Seedling apples. This collection, consisting of 109 plates, was again on exhibition at the state meeting just closed.

In their offer of premiums this year for Seedling apples the society included the north third of Iowa, the west half of Wisconsin, and North and South Dakota. The entries in this class comprised twenty-five early winter and seventy-five late winter sorts. There were 126 entries of seedling apples besides one of 28 plates by E. T. Perkins, Red Wing, which were a partial duplicate of the 109 plate seedling, but were picked later. Total number plates of seedlings on table 263. Total number plates of all apples on table 1,200. There are thirty entries to date for the $1,000 premium for the "ideal" seedling apple, but looked for product has not yet materialized. When it will "deponent saith not."

Delegates and visitors from other state were C. G. Patten and E. M. Sherman, Charles City, Iowa; A. F. Collman, Corning, Iowa; Prof. N. E. Hansen, Brookings, S. D.; J. P. Bentz, Pres. South Dakota Horticultural Society; and A. E. Norby, Madison, S. D.; Rev. C. S. Harrison, York, Neb.; A. J. Phillips, West Salem; G. J. Kellogg, Lake Mills; Oliver Gibs, Prescott; and W. S. Higbee, Washburn, Wis.

The meeting was well attended and interesting to the end. The program was well kept up to time by the expert management of Pres. Green, in pruning the discussions.

It is worthy of remark that this progressive society has many young horticulturists to continue the noble work so well begun by the honored departed and those who must sooner or later lay down their burden.

Your delegate has many kindly feelings for, and thanks to return to this society for their friendly greetings, courtesies, and hospitality. May they continue in prosperity.

Minneapolis (Minn.) Tribune
WEDNESDAY, DECEMBER 2, 1903.

AN HISTORIC APPLE TREE

FIRST FRUIT TREE PLANTED IN MINNESOTA STILL ALIVE AND BEARING.

IS SIXTY YEARS OLD

HORTICULTURALISTS OF STATE HOLD MEETING—MUCH FINE FRUIT ON DISPLAY.

"The first apple trees ever planted in this state were planted about eleven miles south of Minneapolis in 1844 by my father," said T. A. Hoverstad, of Crookston, one of the members of the State Horticultural society now in session at the Unitarian church.

"He brought the seeds from Connecticut," continued Mr. Hoverstad, "and planted them on the river bluff. One hundred trees sprouted but only two ever bore fruit. One of these two trees died after the first season of fruit bearing. The other is still living and bears fruit every year.

"The trees were planted in a bad place. They were on the south slope and in such a position that the sun did not strike them and the wind could not strike them. Had they been planted in a good place I think they would all have lived. The one which did live was transplanted in 1860, to a place on the farm where the sun could strike it and I think this accounts for it's long life.

"In 1849 we brought a number of current bushes from the east. The currents were the old, red, Dutch variety. They grew well and I can never remember seeing a current worm before 1880."

DISCUSS SMALL FRUITS.

The opening program of the thirty-seventh annual meeting of the Minnesota State Horticultural society was held in the audience room of the First Unitarian church yesterday morning.

The general subject of the first meeting was small fruits. G. A. Anderson, of Renville, read a paper on the subject, "Growing Strawberries for Home Use and Market."

"Ground of medium elevation is the best for growing strawberries," he said. "With four or five square rods of good soil on a well drained level plan, a person can raise enough strawberries to last an average family a year. It is bad policy to plant strawberries on a steep hill and the gound will frequently drain badly and a person will have more berrises ruined than they will save.

WOOD ASHES.

"One of the best fertilizers I know of is wood ashes. It is seldom used, but I recommend growers of strawberries to try it and I am confident they will meet with success."

J. W. Murray, Excelsior, read a paper on the subject, "How I Grow Grapes."

"Give grapes lots of sun," he said. "They need light and air the same as a human being. Plant the vines in rows running east and west and if possible on a south slope. If I was asked what grape I would advise anyone planting I would say the Delaware. That grape is not the king alone of Minnesota grapes, but the queen as well."

"Raising Muskmelons for Market" was the subject of a paper read by J. V. Bailey of Newport.

"Muskmelon raising in Minnesota is becoming one of the greatest works of the farmer," he said. "There is a large market for the melon, especially in the Twin Cities. In a favorable season the melons grown in this state are far ahead of those which are shipped here. A great deal of patience is required to get a successful crop as there are many things the farmer has to contend with.

BEST SOIL FOR MELONS.

"Sandy loam is the best soil for raising melons. A good quality may be raised on heavy soil.

"One great dread of the farmer who raises melons is the cut worm. I do not know any practical way to destroy them. The best thing to protect the melons is to plow every fall and chat breaks up the worms' homes and they freeze to death."

Ten specimens of apples have been offered to compete for the $1,000 reward which was offered by the society two years ago for an apple which would combine the qualities of the Wealthy, keep as long as the Millinda and be as large as the Duchess. So far no apple has reached the full requirement, but those which have been sent this year are much nearer the standard required than those of last year and it is the opinion of the officers of the society that next year an apple will be forthcoming which will claim the prize.

400 VARIETIES.

There are about 400 varieties of apples to be seen. Many of them were at the state fair and have been kept in cold storage since that time. At the close of this exhibition they will be returned to cold storage and sent to St. Louis next year.

There are about 1,000 plates of apples received so far and there will be about 500 more before the end of the meeting.

This morning will be devoted by the members to listening to the annual reports of the officers and committees. This afternoon at 2 o'clock, H. H. S. Rowell will read a paper on the subject of "Minnesota as an Apple State" and A. W. Latham will speak of the Minnesota exhibits at the world's fair at St. Louis next year. At 2:15 o'clock Rev. C. S. Harrison, York, Neb., will speak of "The Forward Movement in Horticulture."

At 3 o'clock the Woman's Auxiliary will hold their first meeting, when speeches will be made by members of that society.

There is a great deal of interest in the exhibit of fruit. There are about 1,500 plates to be seen, but most important of all is the exhibition of seedling apples, for which a prize of $1,000 is offered.

That $1,000 Apple.

There are quite a few varieties shown which may compete for this prize, but it will take a long time to reach a decision, as the reauirements are strict and it must be a first-class representative of the class which is to carry off first money. This prize apple must be as large as a Duchess, keep as long as the Milinda and combine with these the qualities of the Wealthy.

There are about 400 varieties of apples shown and many grapes and other small fruits. The exhibit is about as fine a one as has been seen at any of the thirty-seven annual conventions of the society.

After the invocation by Rev. H. M. Simmons, President Wedge of Albert Lea welcomed the delegates and announced the subject for the day

Papers on Berries.

Under the general subject of "Small Fruits," A. Brackett of Excelsior spoke upon "Strawberries." G. A. Anderson of Renville spoke upon the same subject and Nils Anderson of Lake City read a paper upon "Blackberries." Alfred Hawkins made the point that small fruits be picked after the dew has dried and that the picking be carefully done by adults.

J. W. Murray of Excelsior, Mrs. Ida M. Thompson of Duluth and Frank Yahnke of Winona all participated in the discussions of the day.

Mr. Yahnke insisted that it was for the best interests of fruit growers to buy their trees of home nurseries and follow the "fruit list" of the society. Eleven other papers were read during the day, all bearing upon the general subject of "Small Fruits."

This morning the officers and committees will read their annual reports and the women's auxiliary will meet in joint session with the men's society.

The full program for the day follows:

The Morning Session.

Annual Reports—President's annual address, Clarence Wedge, Albert Lea; annual report of the executive board, Wyman Elliot, chairman, Minneapolis; annual report of secretary, A. W. Latham, Minneapolis; annual report of treasurer, A. B. Lyman, Excelsior; reports of vice presidents by congressional districts.

Reports of Superintendents of Trial Stations—Prof. S. B. Green (central station), St. Anthony Park; Thomas E. Cashman, Owatonna; Dewain Cook, Jeffers; G. M. Ford (plums and small fruit), Minnesota City; F. I. Harris, La Crescent; A. B. Lyman, Excelsior; L. R. Moyer, Montevideo; Mrs., Jennie Stager, Sauk Rapids; J. S. Parks, Amboy; F. J. Cowles, West Concord.

Report of Committee on Ornamental List—Mrs. Anna B. Underwood, Lake City; F. H. Nutter, Minneapolis; L. R. Moyer, Montevideo.

Reports of Local Societies—Southern Minnesota Horticultural society; Meadow Vale Horticultural club, and others.

Report of Committee on Packages and Marketing—R. A. Wright, Excelsior; Levi Longfellow, Minneapolis; Thomas Redpath, Wayzata.

Report of Committee on Gideon Memorial Fund—Wyman Elliot, chairman.

Report of Committee on Harris Memorial Fund—S. M. Owen, chairman.

Afternoon Session.

1—"Minnesota as an Apple State," H. H. S. Rowell, Minneapolis.

2—"The Minnesota Horticultural Exhibit at the Coming World's Fair at St. Louis," A. W. Latham, superintendent.

Address by Rev. C. S. Harrison, York, Neb., "The Forward Movement in Horticulture."

At 3 o'clock the women's auxiliary will meet with the main association.

President's greeting, Miss Emma V. White, Minneapolis.

Secretary's report, Mrs. Anna B. Underwood, Lake City.

1—"Our Cousins, the Trees," Mrs. Florence Barton Loring, Minneapolis.

2—"Peonies," Rev. C. S. Harrison, York, Neb.

3—"Protection of Song Birds," Mrs. J. B. Hudson, Lake City.

4—"Our Summer Boarders—The Birds," Oliver Gibbs, Prescott, Wis.

5—"Some Improved Home Grounds in Minneapolis," Mrs. M. M. Barnard, Minneapolis.

6—"Improving Country School Grounds," F. H. Nutter, Minneapolis.

7—"The Pleasures of Gardening," Miss Martha Scott Anderson.

St. Paul (Minn.) Pioneer Press
WEDNESDAY, DECEMBER 2, 1903.

FRUIT GROWERS TALK SHOP

HORTICULTURAL CONVENTION OPENS WITH BIG ATTENDANCE.

Delegates and Students From Farm School Listen to Many Papers on "Small Fruits"—The Exhibit Is Exceptionally Fine.

About three hundred persons interested in horticulture, including a great many students from the state agricultural school, attended the opening session of the annual convention of the Minnesota Horticultural society in the First Unitarian church yesterday.

The day's program consisted of a number of papers upon "Small Fruits." Each reader was allowed ten minutes for his paper, which was followed by a general discussion.

Mpls Journal Dec 2. 1903

PROMINENT HORTICULTURISTS FROM OTHER STATES AND MINNESOTA

Who Are Attending the State Horticultural Meeting at the Unitarian Church.



Those standing at the front, beginning on the left, are P. J. Bentz, president of the South Dakota Horticultural society; Professor N. E. Hansen, secretary of the same society; R. H. Pendergast, Duluth, and C. E. Older, Luverne. In the second row are Mrs. J. B. Thompson of Orono; A. D. Barnes, Waupaca, Wis.; L. R. Moyer, Montevideo, and Dewain Cook, Jeffers, Minn. In the third row are C. M. Loring, Minneapolis; Wyman Elliott, Minneapolis; and A. J. Phillips, West Salem, Wis. At the rear are W. E. Freyer, Montevideo; Rev. C. S. Harrison, York, Neb., and F. H. Nutter, Minneapolis.

LARGEST IN THE U.S.

Minnesota Horticultural Society Has Now a Membership of More Than 1,400.

The Women's Auxiliary and the Bee keepers' Association Hold Meetings This Afternoon.

A long session of the Horticultural society this morning was passed chiefly in the reading of reports.

President Clarence Wedge [illegible] bert Lea agreed, in his address, with Miss Margaret [illegible] ns of the state federation of women's clubs, that the farmer is "entitled to a winter holiday in the city every year." The annual meeting of the Horticultural society would give an opportunity for such outing. The society has more than 1,400 members, and is the largest organization of its kind upon the continent.

Secretary A. W. Latham of Minneapolis reported 1,308 annual members, 82 life members, and 40 honorary members.

The superintendents of the trial stations at St. Anthony Park, Owatonna, Jeffers, Excelsior, Montevideo, Sauk Rapids, Amboy and West Concord described efforts of the society to obtain accurate observations upon apples, tested for the benefit of northwestern horticulturists.

This afternoon the Horticultural society held a joint session with the Women's auxiliary. The program included the president's greeting from Miss Emma V. White of Minneapolis, the secretary's report by Mrs. Anna B. Underwood of Lake City, and half a dozen papers upon flowers, birds, gardening, "Our Cousins, the Trees," and other picturesque topics.

The fifteenth annual meeting of the Minnesota Beekeepers' association began this morning. President William Russell of Minnehaha park welcomed the two score bee fanciers present.

TO-MORROW'S PROGRAM

The Forestry Session the Feature of the Day.

A report on the fruit list will be submitted to-morrow morning by a committee composed of Professor S. B. Green, St. Anthony Park; J. P. Andrews, Faribault, and Thomas E. Cashman, Owatonna. The fruit list for 1903 will be adopted. The committee on seedling fruits, Wyman Elliot, chairman, will also report, as well as the committee on awards for seedling apples. The fruit receiving the highest awards will be displayed on the platform.

Papers read to-morrow morning will treat of evergreen trees, plums, and "the principles of plant breeding as involved in the growing of apple seedlings."

During the afternoon session a memorial hour in honor of members that have died within the year will be followed by the election of officers. At 3 o'clock the society will hold a joint session with the Minnesota State Forestry association. President C. M. Loring of Minneapolis will deliver his annual address, papers on forestry topics will be read, and officers of the association will be elected.

To-morrow evening the Horticultural society will enjoy its annual banquet. The members will be the guests of E. A. Webb.

Minneapolis (Minn.) Times
THURSDAY, DECEMBER 3, 1903.

NURSERYMEN HOLD THEIR STATE MEETING

Horticulturists' Gathering Gives Delegates Opportunity for Reunion.

A meeting of the nurserymen attending the [illegible] of the State Horticultural society was held last night at the West hotel for the purpose of taking initiatory steps toward the formation of a separate state association of nurserymen.

Owing to the inclemency of the weather only a few attended the meeting and no definite results were accomplished.

Thomas E. Cashman of Owatonna was chairman of the meeting and E. A. Smith of Lake City was secretary. The advisability of forming a separate association was discussed and it was decided to have each one present act as committe of one to create interest in the question [illegible] the next convention of the Horticultural society, when the matter is expected to [illegible] fruition.

St. Paul (Minn.) Tribune.
THURSDAY, DECEMBER 3, 1903.

FARMERS' HOLIDAY

AGRICULTURALISTS COME TO TOWN WHEN WORK IS LIGHT.

Secretary of Horticultural Society Says That if Name Should Be Changed Attendance Would Be Much Larger—Association Growing and [illegible] Is Money in the Treasury.

At yesterday's session of the State Horticultural Society in the Unitarian church, reports of the different committees were read, after which the president, Clarence Wedge, of Albert Lea, read his annual address.

"Our society is growing rapidly," said President Wedge, "not alone in stature, but also in influence and usefulness. The landscape engineer and the improvement league have been asked to come and soften the harsh outlines of commercialism and bring people into better touch with that art which truly imitates the creator.

"A question which was asked by Miss Evans of Northfield in an address to us a year ago appealed to me greatly. The question was 'Why is not the farmer as much entitled to a winter holiday in the city as his city cousin is to a summer outing in the country?'

"This is just what this fraction of the farmers in the state who are present are doing this week. We know how much good it does us to come to the city for a week's vacation; now would it not be a good idea for us to advertise our annual meeting as 'The Farmers' Holiday Week in the City.' With reduced railroad fare and hotel rates I don't doubt but we would have a larger attendance at our meetings than we do now. Let us try this next year."

According to the report of Secretary A. W. Latham there are now 1,430 members of the society. This is an increase of 182 over the membership last year.

"During the last year the society through its legislative committee found it necessary to go before the legislature and apply for a larger printing and cash appropriation," said Mr. Latham in his report. "It is a source of gratifiation to the management to report that the requests were granted without an objecting vote. This increase will give the society 4,000 volumes a year instead of 3,000, and $2,000 per annum instead of $1,500."

Mr. Latham reported that the balance on hand Dec. 1 was $3,413.22. The expenses have been $4,068.25. The amount received from the state treasurer during the year was $1,750.

Thursday morning at 9 o'clock the Woman's auxiliary will hold its first meeting. In the afternoon the reports of the committee on fruits will be read and prizes awarded.

AFTERNOON SESSION.

At the afternoon session Rev. C. S. Harrison of York, Neb., spoke on "The Forward Movement in Horticulture."

"Make your homes beautiful," he said. "Take care of your premises, do not have the stable built up to the back door nor turn your lawn into a melon patch. The money you make on the lawn crop or the cattle you raise near the kitchen door will not recompense you for the loss of beautiful things. If you must plant something on the lawn, make it a flower garden."

This morning the Woman's auxiliary will meet at 9 o'clock. Adresses will be read by the members. The awards of the committee on fruits will be announced

St. Paul (Minn.) Dispatch
THURSDAY, DECEMBER 3, 1903.

Minneapolis...

HORTICULTURISTS ELECT.

Name Officers and Award More Premiums.

At yesterday's session of the State Horticultural society the following officers were unanimously elected:

Clarence Wedge, Albert Lea, was re-elected president; David Scorm, A. H. Reed, R. A. Wright, Excelsior; W. L. Taylor, Howard Lake, and D. T. Wheaton, Morris, were re-elected vice presidents; C. W. Merritt, Lemy City; R. H. Pendergast and Rev. O. A. Solem were elected vice presidents to succeed those who did not report at this meeting.

A. W. Latham, Minneapolis, was re-elected secretary, and A. B. Lyman, Excelsior, was re-elected treasurer. Wyman Elliot was re-elected chairman of the executive board.

J. A. Howard was awarded first premium on apples kept in cold storage. A. B. Lyman, of Excelsior, took first premium for late winter seedling apples, and R. A. White, of Twin Lake, took second. A. B. Lyman also took first prize for early seedlings, and Gertrude Cairns, of Ellsworth, Wis., second.

On the best collection of apples, J. A. Howard received first; Jewell Nursery company, second, and W. L. Parker, third.

For the best peck of Wealthies, Jewell Nursery company took first; J. A. Howard, second, and P. H. Perry, third. Gus Johnson, of Excelsior, received first premimum on grapes, and H. L. Crane, second. E. Nagle took the first premimum for the best collection of plants.

The annual election of officers of the Woman's auxiliary was held at the close of the afternoon session of the Horticultural society. Mrs. Emma V. White, Minneapolis, was re-elected president; Mrs. Jennie Stager, Sauk Rapids, vice president; Mrs. Anna Underwood, secretary; Mrs. L. R. Moyer, Montevideo, treasurer; Miss Lucia Danforth, chairman executive board.

J. A. Howard, Hammond, Lyman Prolific, Minnesota, Wealthy, Haas, Oka-boena, Golden Russett, McMahon, Rollins Golden Russett, McMahon, Rollins beana, Golden Russett, McMahon, Rollins beana, Golden Russett, McMahon, Rollins Prolific, Red Queen and Pagebe, first; Prolific, Red Queen and Pagebe, first; Ben Davis, Kaump, Grandy, Judson, Ben Davis, Kaump, Grandy, Judson, Northwestern greening, Patten greening, Northwestern greening, Patten greening, Hibernal, University and Hyslop, second. Hibernal, University and Hyslop, second. F. Yahnka, Winona, Wolf River, F. Yahnka, Winona, Wolf River, Faneuse, second; J. R. Cummings, Eden Faneuse, second; J. R. Cummings, Eden Prairie, Grundy, first. Prairie, Grundy, first.

Secretary Latham reported a total membership of 1,430, an increase for the year of 182.

[illegible] TRACKING LINE.

St. Paul (Minn.) Dispatch
FRIDAY, DECEMBER 4, 1903.

Minneapolis...

PREMIUMS AWARDED.

Apple Exhibits at Horticultural Convention Are Judged.

At yesterday afternoon's session of the state horticultural the following awards on apples were announced:

G. A. Anderson, Renville, Hass, second; Walbridge, first.

H. H. S. Rowell, Minneapolis, Ben Davis, first; F. Zuercher, Excelsior, Antonovka, first; J. A. Weld, Duchess, first; Briggs and Gray, Pewaukee, first; Gideon, second.

D. F. Wheaton, Morris, Longfield, second; Shields, Pride of Minneapolis, Orange and Hibernal, first.

P. H. Perry, Excelsior, Wolf River, Longfield, first; Reed, Okaheva, second.

S. D. Kenney, Waterville, Malina, first; Pewaukee and Peerless, second.

W. L. Parker, Farmington, Wealthy, Repka, Anisim, McMahon and Antonobka, second; Peter, Northwestern greening, Patten greening, Haas, University, Patteuse, Judson, Hyslop and Brett, first.

S. D. Payne, Rasota, Peter, first; S. A. Alling, Golden Russett, second.

H. H. Pond, Minneapolis, Repka, first; P. Clausen, Albert Lea, Malinda, Minnesota, second.

Thomas Redpath, Wayzetta, Anisim, first; William Oxford, Utter, second; Gideon, first.

Nils Anderson, Lake City, Scotts Winter, Utter, first; Walbridge, second; J. Beckley, Peerless, first.

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Minneapolis (Minn.) Journal
FRIDAY, DECEMBER 4, 1903.

HORTICULTURAL BANQUET HELD

MEMBERS OF STATE SOCIETY HAVE THEIR ANNUAL FEAST

Society Thinks It Should Be Represented on State "U" Board—Joint Session with Forestry Association—Elections Are Held and Prizes Are Awarded.

About 130 members of the State Horticultural society sat down in the dining-hall of the Young Women's Christian association last evening at 6:30, and after having partaken of a substantial meal, were entertained by members of the society and others who responded to toasts and furnished vocal and instrumental music. Professor Samuel B. Green of the state agricultural school talked of "The Deeds of the Illustrious Departed; a Common Heritage," citing some of the results attained by pioneer Minnesota horticulturists. Roy Underwood of Lake City sang a parody on "It Was the Dutch." It contained many local hits. A. J. Phillips of West Salem, Wis., the humorist of the society, told "Some of the Things I Have Not Forgotten." Miss Bessie McKeen gave a recitation. "Theory and Practice" was discussed by Mrs. Florence Barton Loring. W. Walter Ellis, "the whistling wonder," imitated the songs of birds. Rev. C. S. Harrison of Nebraska, who was one of the pioneers of Minnesota and is very prominent as a horticulturist in Nebraska, told of interesting incidents of the early days in Minnesota. President Cyrus Northrop of the state university, talking of "The Nobility of Service," paid a glowing tribute to the horticulturists of the state.

The toastmaster, L. R. Moyer of Montevideo, called a second time upon Professor Green, who brought forward a life size picture of Wyman Elliot, taking occasion at the same time to compliment that gentleman upon his persistence in advancing horticultural conditions in Minnesota and the intense interest he has taken in the society. The picure will hang in Horticultural hall at the state farm.

The program closed with a song by Professor Crosby Hopps.

A Joint Session.

C. M. Loring, president of the Forestry association, opened the joint session of his association and the Horticultural society with an address. The other speakers were General C. C. Andrews, S. M. Owen, Mrs. W. E. Beamhall, Rev. C. S. Harrison of Nebraska and O. C. Gregg. A resolution was adopted proposing that the legislature provide tree bounties to encourage farmers in arboriculture.

Seek Place Among Regents.

That "some representative farmer in close touch with the agricultural interests of Minnesota" be appointed a member of the board of regents of the state university was recommended by the Horticultural society yesterday in a resolution adopted by the State Horticultural society. A committee of three will present the resolution to Governor Van Sant. Another resolution, addressed to the board of regents, recognized the agricultural department of the university as a great aid to the advancement of the state; expressed surprise that some of the regents are opposed to the continuance of the Owatonna tree station.

Elections.

Elections of officers yesterday resulted as follows:

Horticultural Society—Clarence Wedge of Albert Lea re-elected president, A. B. Lyman of Excelsior re-elected treasurer, A. W. Latham of Minneapolis secretary, Wyman Elliot re-elected chairman of executive board; other board members, Frank Yahnke, J. P. Andrews, L. R. Moyer, J. M. Underwood, Professor S. B. Green. The vice presidents will be C. W. Merritt, David Secon, Winnebago City; A. H. Reed, Glencoe; Leroy Cady, St. Anthony Park; R. A. Wright, Excelsior; W. L. Taylor, Howard Lake; D. T. Wheaton, Morris; R. H. Pendergast, Duluth; Rev. O. A. Solem, Halstad.

Woman's Auxiliary—Miss Emma B. White of Minneapolis re-elected president, Mrs. Anna B. Underwood of Lake City re-elected secretary, Mrs. Jennie Stager of Sauk Rapids vice president, Mrs. Lucia Danforth of Northfield, Mrs. T. F. Akin of Farmington and Mrs. Louise Cooke of Hutchinson, executive committee.

Forestry Association—C. M. Loring of Minneapolis re-elected president, W. T. Cox of Lowry secretary and treasurer, O. C. Gregg of Lynd and S. M. Owen of Minneapolis, vice presidents.

The Beekeepers' Association—Dr. E. K. Jacques of Robbinsdale president, Mrs. W. S. Wingate of Richfield secretary, Dr. L. D. Leonard of Minneapolis treasurer, S. LaMont of Jerry, Walter Ansel of St. Paul and John Doll of Minneapolis, vice presidents; H. G. Acklin of St. Paul, William Russell and William MacCuen of Minneapolis, executive committee.

Awards of Prizes.

The awards for prize fruit exhibited this year follow:

J. A. Howard of Hammond, first on apples kept in cold storage; A. B. Lyman of Excelsior, first on both late and early winter seedlings; R. A. White of Twin Lake, second on late winter seedlings; Gertrude Cairns of Ellsworth, Wis., second on early seedlings; J. A. Howard of Hammond, first on best collection of apples; the Jewell Nursery company of Lake City, second; W. L. Parker of Farmington, third. Best peck of Wealthy apples, the Jewell Nursery company, first; J. A. Howard, second, and P. H. Perry, third. For grapes, Gus Johnson of Excelsior, first, and H. L. Crane of Excelsior, second. For best collection of plants, E. Nagle of Minneapolis, first.

Dayton's 1904 Foulard showing Saturday.

St. Paul (Minn.) Globe.
FRIDAY, DECEMBER 4, 1903.

REGENTS INCREASED

State Horticulturists Desire Representation on University's Governing Body.

Another member representing the agricultural and horticultural interests of the state may be added to the board of regents of the university, as the result of a movement begun at yesterday afternoon's session of the State Horticultural society.

The matter was presented in the form of a resolution, in which the present board of regents was complimented for the work that was being done, but the committee felt that the great and important interests connected with horticulture and agriculture deserve greater representation on this board, which at present is made up of three lawyers, two bankers, one editor, one doctor, one merchant and the dean of the agricultural college, in addition to the ex-officio members, six members being from the Twin Cities.

The resolutions suggested that some representative farmer or horticulturist, who is in close touch with the agricultural and horticultural interests of Minnesota, be appointed on this board, and that a committee of three be appointed by the president, of which he shall be chairman, to present in person a copy of these resolutions to Gov. Van Sant.

The resolution recommended James M. Underwood, of Lake City, for the place, but it was decided it would be more dignified to omit the personal element from the resolution.

Other resolutions expressed approval of the work done by the agricultural department of the state university, and recommended that the tree station at Owatonna be continued; that the region about Lake Minnetonka was well suited to a trial station, and that the expense connected with such a venture might be fully covered by the sale of the orchard trial station in that locality.

Favor a Tree Bounty.

A resolution presented at the joint meeting of the Forestry association recommended that the legislature provide for a tree bounty to encourage farmers in tree planting.

As many of the speakers of the convention have been more than generous in their praise of the ladies, members of the State Suffrage association had been encouraged to believe that the Horticultural society might adopt a resolution advocating equal suffrage but all hope was abandoned yesterday afternoon, one of the most energetic workers explaining that she could not find a man brave enough to present such a resolution before the convention.

The president's address by C. M. Loring opened the joint session with the State Forestry association which followed. Gen. C. C. Andrews set forth the principles of forestry, the most important being that it serves to utilize waste land.

C. M. Loring was re-elected president of the Forestry association, W. T. Cox, of Lowry, now a student at the state university, was chosen secretary and treasurer. O. C. Gregg and S. M. Owen were re-elected vice presidents.

At a business meeting of the woman's auxiliary the following officers were chosen: President, Miss Emma B. White; vice president, Mrs. Jennie Stager, Sauk Rapids; secretary, Mrs. Anna B. Underwood, Lake City; treasurer, Mrs. L. R. Moyer, Montevideo; executive committee, Miss Lucia Danforth, of Northfield; Mrs. T. F. Akin, of Farmington, and Mrs. Louisa Cooke, of Hutchinson.

J. A. Howard was awarded first premium on apples not kept in cold storage. A. B. Lyman, of Excelsior, took first premium for late winter seedling apples, and R. A. White, of Twin Lake, took second. A. B. Lyman also took first prize for early seedlings, and Gertrude Cairns, of Ellsworth, Wis., second. On the best collection of apples J. A. Howard received first, Jewell Nursery company second and W. L. Parker third.

For the best peck of wealthies, Jewell Nursery company took first, J. A. Howard second and P. H. Perry third. Gus Johnson, of Excelsior, received first premium on grapes, and H. L. Crane second. E. Nagle, of Minneapolis, took the first premium for the best collection of plants.

The bee keepers' convention adjourned yesterday afternoon, after electing the following officers: President, Dr. E. K. Jaques, Robbinsdale; secretary, Mrs. W. S. Wingate, Richfield; treasurer, L. D. Leonard, Minneapolis; vice presidents, S. La Mont, Jerry; Walter Ansel, St. Paul, and John Doll, Minneapolis; executive committee, M. C. Acklin, St. Paul; William Russell and William MacCuen, of Minneapolis.

The leading address at this convention was delivered yesterday on the bee and fire blight, by Prof. F. L. Washburn, state entomologist. The first part of the lecture was devoted to the anatomy of the bee, and was illustrated by charts.

The horticultural society closes with this forenoon's session.

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St. Paul (Minn.) Pioneer Press
FRIDAY, DECEMBER 4, 1903.

FRUIT GROWERS NAME OFFICERS

NO OPPOSITION TO MEN NOMINATED FOR ANY OFFICES.

Clarence Wedge of Albert Lea Is Again Made President—Women, Forestry Association and Beekeepers Also Elect—Delegates Banqueted.

There was absolutely no opposition to any of the candidates nominated for office in the Minnesota Horticultural society yesterday afternoon. The entire ticket as nominated went through without a dissenting vote, a thing never before recorded in the history of the society.

Clarence Wedge of Albert Lea was re-elected president of the society, David Scorm, A. H. Reed, R. A. Wright, W. L. Taylor and T. Wheaton were all re-elected vice presidents and C. W. Merritt, Leroy Caty, R. H. Pendergast and Rev. O. A. Solem were also elected vice presidents from the various districts.

A. W. Latham of Minneapolis was re-elected secretary and A. B. Lyman of Excelsior was again made treasurer. Wyman Elliott was re-elected chairman of the executive board.

The women's auxiliary also elected officers during the afternoon. Mrs. Emma V. White of Minneapolis was re-elected president, Mrs. Jennie Stager of Sauk Rapids was chosen for vice president, Mrs. Anna B. Underwood secretary and Mrs. L. R. Moyer of Montevideo, treasurer. Miss Lucia Danforth was the choice of the association for chairman of the executive board.

Foresters and Beekeepers.

All the present officers of the Beekeepers' association were re-elected. They are E. K. Jaques, president; S. Lamont, first vice president; Walter R. Ansell, second vice president, and J. Dall, third vice president. Mrs. W. S. Wingate is secretary and L. D. Leonard is treasurer. H. G. Acklin of St. Paul is chairman of the executive committee.

C. M. Loring was re-elected president of the State Forestry association. W. G. Cox was again chosen secretary and treasurer and O. C. Gregg is first vice president and S. M. Owen second vice president.

At the close of yesterday's meeting the entire assembly went to the Young Women's Christian association building where they were the guests of E. A. Webb at the regular annual banquet of the association. There were a number of speeches at the joint session of the societies in the afternoon.

Hold Memorial Services.

During the early afternoon memorial services for the members who have passed away since the last annual meeting were held. Tributes to the memories of the departed were paid by Prof. S. B. Green, S. M. Owen, C. M. Loring and Clarence Wedge. The members who have died were W. W. Pendergast, H. S. Dartt and James T. Grimes. A black mat upon which were inscribed these names hung above the altar, draped with evergreen wreaths and black silk crepe.

During the afternoon several awards for fruits which have been kept in cold storage were announced. H. H. Pond and T. Redpath received prizes for apples, as did J. A. Howard of Lake City for the second finest collection. Gustav Johnson received all the prizes offered for a display of grapes. He had six varieties of grapes, all grown in Minnesota.

Resolutions recognizing the value of the state agricultural school and the value of the Owatonna tree station were adopted. The resolution also stated that a representation of the horticultural interests on the state board of regents would be acceptable to the association.

Nurserymen to Organize.

There will be a meeting at 9 o'clock this morning. Nursery topics will be discussed and papers upon the subject read. The last session of the convention will be held at 1:30 at which time "Orcharding" will be the general subject for discussion. President Wedge will read his farewell address and the convention will adjourn until next year.

Among the speakers at the morning session to-day upon nursery topics will be Prof. N. E. Hansen of Brookings, S. D., W. S. Higbee of Washburn, Wis., and A. Norby of Madison, N. D.

The nurserymen of the state are contemplating an organization and a committee has been appointed to bring this about. Thomas E. Cashman of Owatonna and E. A. Smith of Lake City are chairman and secretary of the organization committee.

An effort will be made to have the organization in shape to meet with the next annual convention of the horticultural society. There are many nurserymen in the state and they all believe it would be to the interests of their business to organize.

Minneapolis (Minn.) Tribune
FRIDAY, DECEMBER 4, 1903.

ALL ELECTED UNANIMOUSLY

SELECTION OF OFFICERS FOR STATE HORTICULTURAL SOCIETY MARKS PRECEDENT

PRIZES ARE AWARDED

RESOLUTIONS PASSED FAVORING HORTICULTURAL SOCIETY MARKS PRECEDENT.

All the officers of the Minnesota State Horticultural society and its three branches, who were elected yesterday afternoon, were elected unanimously and without any opponents being nominated.

Clarence Wedge, Albert Lea, was re-elected president; David Scorm, A. H. Reed, R. A. Wright, Excelsior; W. L. Taylor, Howard Lake, and D. T. Wheaton, Morris, were re-elected vice presidents; C. W. Merritt Leroy City; R. H. Pendergast and Rev. O. A. Solem were elected vice presidents to succeed those who did not report at this meeting.

A. W. Latham, Minneapolis, was re-elected secretary and A. B. Lyman, Excelsior, was re-elected treasurer. Wyman Elliot was re-elected chairman of the executive board.

WOMAN'S AUXILIARY IS UNANIMOUS.

The annual election of officers of the Woman's auxiliary was held at the close of the afternoon session of the Horticultural society. Mrs. Emma V. White, Minneapolis, was re-elected president; Mrs. Jennie Stager, Sauk Rapids, vice president; Mrs. Anna Underwood, secretary; Mrs. L. R. Moyer, Montevideo, treasurer; Miss Lucia Danforth, chairman executive board.

The officers of the Bee Keepers' association were all re-elected. They are E. K. Jaques, president; S. La Mont, first vice president; Walter R. Ansell, second vice president; J. Dall, third vice president; Mrs. W. S. Wingate, secretary; L. D. Leonard, treasurer; H. G. Acklin, St. Paul, chairman executive committee.

The old officers of the Forestry association were also re-elected. They are Charles M. Loring, president; W. G. Cox, secretary and treasurer; O. C. Gregg, first vice president; S. M. Owen, second vice president.

For the first time in the history of the Horticultural society, every officer who was nominated was elected without opposition and unanimously.

At the close of the meetings the entire assembly present left the church and marched to the Young Woman's Christian association building, to attend the annual banquet of the society.

The banquet was a delightful relaxation from the business of the convention, and was thoroughly enjoyed by the one hundred and twenty present.

The following program added much to the enjoyment of the evening:

"The Deeds of the Illustrious Departed a Common Heritage," Prof. Samuel B. Green; "Song," Roy Underwood; "Some of the Things I Have Not Forgotten," A. J. Philipps; "Recitation," Miss Bessie McKeen; "Theory and Practice." Miss Florence Barton Loring; "The Whistling Wonder," W. Walter Ellis; "Incidents in the Early Days of Minnesota," Rev. C. S. Harrison; "The Nobility of Service," President Cyrus Northrup; "Closing Song," Prof. Crosby Hopps.

Judge Mayer was toastmaster.

The afternoon program of the societies included speeches by the members and tenor solos by Prof. Crosby Hopps of Minneapolis.

IN MEMORY OF DEPARTED.

In the early part of the afternoon, memorial services were held for W. W. Pendergast, H. S. Dartt and James T. Grimes, members of the society who died during the year. Tributes to their memories were paid by S. M. Owen, Prof. S. B. Green, Charles M. Loring and Clarence Wedge, all boyhood friends of the three men whose memories were thus honored.

A. B. Lyman of Excelsior was awarded the first prize for having the best early winter seedling on exhibition. The apple was scored at 90 points. Gertrude M. Cairns, Ellsworth, Wis., was awarded the second prize. Her apple scored 80 points. Mr. Lyman was also awarded the first prize for the best late winter seedling. His second apple also scored 90 points. R. A. White, Twin Lakes, received the second prize for late winter seedlings, his apple scoring 85 points.

H. H. Pond received the second prize for the Wealthy, first prize for the Peerless, and second prize for the Okabena. T. Redpath received the first prize for the Okabena and Wealthy.

Gustav Johnson received all the premiums offered for a display of grapes. He had six varieties of grapes shown, all grown in Minnesota.

In the collection of apples, J. A. Howard received the first prize and the Jewell Nursery company of Lake City the second.

CHANGES ARE OPPOSED.

Two resolutions were presented at this meeting and adopted. The first is as follows:

"To the Honorable Board of Regents of the University of Minnesota:

"Resolved, That as an association representing great horticultural interests in this state, we recognize in the agricultural department of the state university a great aid to the advancement of our state.

"Resolved, That we are surprised to learn that some of the members of the board of regents of the state university are opposed to the continuance of the Owatonna tree station.

"Resolved, That we heartily indorse the work which is being done at the tree station and are opposed to its being discontinued unless it shall be removed to a new station where it can be certain of a larger scope and where it can better the horticultural interests of the state."

WANT MORE FARMERS.

The second resolution is as follows:

"Resolved, That we think the board of regents of the University of Minnesota is earnestly endeavoring to manage the state university for the best interest of higher education in Minnesota, but we feel the great and important interest connected with horticulture and agriculture deserve greater representation on this board which at present is made up of three lawyers, two bankers, one editor, one doctor, one merchant—and the dean of the college of agriculture, in addition to ex-officers and members, and six of these members are from the Twin Cities.

"Resolved, That we desire the appointment to said board of some representative farmer who shall be in close touch with the agricultural interests of Minnesota.

"Resolved, That a committee of three be appointed by the president, of which he shall be chairman, to present in person a copy of these resolutions to his excellency, Governor Van Sant."

At 9 o'clock this morning the society will meet for its last day's work. Nursery topics will be discussed and addresses read by members. This afternoon at 1:30 o'clock, the last session of the convention will be held, when the general subject, "Orcharding," will be discussed. At 4 o'clock all the members will be called on to speak for two minutes, after which the president, Clarence Wedge, will read the last address.

Dayton's Silks—New, fresh silk pieces for fancy work, Saturday.

Minneapolis (Minn.) Times.
FRIDAY, DECEMBER 4, 1903.

FRUIT GROWERS HEAR ADDRESSES

Society Asks for Representation of University Board of Regents.

Another member representing the agricultural and horticultural interests of the state may be added to the board of regents of the university as the result of a movement begun at yesterday's afternoon session of the State Horticultural society.

The matter was presented in the form of a resolution in which the present board of regents was complimented for the work that was being done, but the committee felt that the important interests connected with horticulture and agriculture deserved larger representation on this board, which at present is made up of three lawyers, two bankers, one editor, one doctor, one merchant and the dean of the agricultural college, in addition to the ex-officio members, six of whom are from the twin cities.

The resolution suggested that some representative farmer and horticulturist who is in close touch with the agricultural and horticultural interests of Minnesota, shall be appointed on this board, and that a committee of three be appointed by the president, of which he shall be chairman, to present in person a copy of these resolutions to Governor Van Sant.

The resolutions recommended James M. Underwood of Lake City for the place, but it was decided it would be more dignified to omit the personal element from the resolutions.

Other resolutions expressed approval of the work done by the agricultural department of the state university and recommended that the tree station at Owatonna be continued and the region about Lake Minnetonka as well suited to a trial station, and that the expense connected with such a venture might be fully covered by a sale of the orchard trial station in that locality.

Recommend Free Bounty.

A resolution presented at the joint meeting with the Forestry association recommended that the legislature provide for a tree bounty, to encourage farmers in tree planting.

As many of the speakers of the convention have been more than generous in their praise of the ladies, members of the state suffrage association have been encouraged to believe that the horticultural society might adopt a resolution advocating equal suffrage, but all hope was abandoned yesterday afternoon, one of the most energetic workers explaining that she could not find a man brave enough to present such a resolution to the convention.

During the first part of yesterday afternoon a memorial service was held in memory of three late members of the society—W. W. Pendergast, for many years president; E. H. S. Dart and James T. Grimes. Short addresses were given by the following men, who had been personal friends of the deceased during many years: S. M. Owen, A. J. Phillips, C. M. Loring and Superintendent O. C. Gregg.

Hold Joint Session.

The president's address by C. M. Loring opened the joint session with the State Forestry association which followed. Gen. C. C. Andrews set forth the principles of forestry, the most important being that it serves to utilize waste land. S. M. Owen told of a trip through Canada, extending east to Quebec, while Professor Green recounted a journey through Nebraska and the Black forest of Germany. Mrs. W. E. Bramhall of St. Paul explained the influence of the Morris bill. Rev. C. S. Harrison told of the forestry in Nebraska and set forth the benefits of the new state park.

O. C. Gregg stated that the biggest enemy to forestry was the big Sunday paper on account of the increased demand for the wood pulp for paper manufacture.

The election of officers was held yesterday by four societies. In the majority of cases the officers were reelected. Of the State Horticultural society, the following were reelected: Clarence Wedge, president; A. B. Lyman, treasurer; A. W. Latham, secretary. The executive board was made up of the following members: Wyman Elliott, chairman, Frank Yahnke, J. F. Andrews, L. R. Moyer, Prof. S. B. Green and J. M. Underwood. The following vice presidents were elected: C. W. Merritt; David Secon, Winnebago City; A. H. Reed, Glencoe; Leroy Cadwell, St. Anthony Park; R. A. Wright, Excelsior; W. L. Taylor, Howard Lake; D. T. Wheaton, Morris; R. H. Pendergast, Duluth; Rev. O. A. Solem, Halstad.

C. M. Loring was reelected president of the Forestry association; W. T. Cox of Lowry, now a student at the state university, was chosen secretary and treasurer; O. C. Gregg and S. M. Owen were reelected vice presidents. At a business meeting of the Woman's Auxiliary, the following officers were chosen: President, Miss Emma B. White of innocapolis; vice president, Mrs. Jennie Staker of Sauk Rapids; secretary, Mrs. Anna B. Underwood of Lake City; treasurer, Mrs. L. R. Moyer of Montevideo; executive committee, Miss Lucia Danforth of Northfield, Mrs. T. F. Akin of Farmington and Mrs. Louise Cooke of Hutchinson.

Premium Awards.

A. Howard was awarded first premium on apples kept in cold storage. B. Lyman of Excelsior took first premium for late winter seedling apples, and R. A. White of Twin Lake took second. A. B. Lyman also took first prize for early seedlings, and Gertrude Cairns of Ellsworth, Wis., second.

On the best collection of apples, J. A. Howard received first; Jewell Nursery company, second, and W. L. Parker, third.

For the best peck of Wealthies, Jewell Nursery company took first; J. A. Howard, second, and P. H. Perry, third. Gus Johnson of Excelsior received first premium on grapes, and H. L. Crane, second. E. Nagle took the first premium for the best collection of plants.

The beekeepers' convention adjourned yesterday afternoon, after electing the following officers: President, Dr. E. K. Jaques of Robbinsdale; secretary, Mrs. W. S. Wingate of Richfield; treasurer, Dr. L. D. Leonard of Minneapolis; vice presidents, S. La Mont of Jerry, Walter Ansel of St. Paul and John Doll of Minneapolis; executive committee, H. G. Acklin of St. Paul, William Russell and William MacCuen of Minneapolis.

The leading address of this convention was given yesterday on the bee and fire blight, by Prof. F. L. Washburn, state entomologist. The first part of the lecture was devoted to the anatomy of the bee, and was illustrated by charts. It was a very instructive address as well as interesting.

The Horticultural society will close with this forenoon session.

The annual banquet of the Minnesota State Horticultural society was held last night at the Y. W. C. A. building. After supper was served, a program was given by the following:

Prof. Samuel B. Green, Roy Underwood, A. J. Phillips, Miss Bessie McKeen, Miss Florence Barton Loving, W. Walter Ellis, Rev. C. S. Harrison, President Cyrus Northrop and Prof. Crosby Hopps. President Clarence Wedge was toastmaster.

A life-size photograph of Wyman Elliot, who has been a member of the society for forty years, was presented to the society by a number of Mr. Elliot's friends. This picture will be in the office of the secretary of the society. There were 125 present at the banquet.

Minneapolis (Minn.) Journal
SATURDAY, DECEMBER 5, 1903.

WANT PERMANENT HOME

Horticultural Society Will Seek State Aid in Erecting a Building for Its Use.

A horticultural building in Minneapolis to be paid for half by the city and half by the state, was proposed yesterday afternoon at the final session of the Minnesota Horticultural society. A committee consisting of C. M. Loring, W. H. Dunwoody and O. C. Gregg were appointed to begin work for the proposed structure that it may be ready, if possible, when the annual meeting begins next year.

The general subject was "Orcharding." The Wilder medal awarded at Boston a few months ago to the Perkins collection of seedling apples grown at Red Wing, Minn., was exhibited by Wyman Elliott of Minneapolis, who represented the society at the annual meeting of the American Pomological society. This much coveted medal will be kept at the office of Secretary A. W. Latham in the Kasota building.

Secretary A. W. Latham said that the session had been most successful in the thirty-seven years since the society was organized.

The society is not in any way discouraged by the failure to secure the $1,000 apple. Many members are confident such an apple can be grown in the territory designated and say it will be shown that they are right before long. The society is justly proud of the distinction of winning the Wilder medal at the national show in Boston this summer.

Wilder Medal Exhibited.

This medal was exhibited to the society yesterday by Wyman Elliott. The medal was given for the best display of seedling apples shown, and the winning of it is considered a high honor by all Minnesota horticulturists. The medal will be kept in the secretary's office in the Kasota block in Minneapolis.

"Orcharding" was the general topic at the closing session yesterday afternoon. There were a number of papers upon the general subject and all the business left unfinished from the previous sessions was cleared up.

President Wedge in his closing address said that he hoped next year to see three times as many in attendance. The session, however, he said, had been a fine one and the attendance gratifying. The convention will meet next winter in Minneapolis.

St. Paul (Minn.) Globe.
SATURDAY, DECEMBER 5, 1903.

FRUIT GROWERS' SESSION CLOSES

Annual Convention of State Horticultural Society Comes to an End.

Unlike the majority of the conventions, the last session of the State Horticultural society proved by far the most interesting and instructive and was the best attended.

The closing feature of the programme consisted of two-minute speeches by leading members of the society, and every speaker pronounced this state meeting the best he had ever attended. Probably the most distinguished speaker was Ditus Day, eighty-six years of age, and the oldest member of the society. C. M. Loring called attention to the coming half-century jubilee of the society and also offered a premium of $25 for the best seedling plum.

Resolutions of thanks were offered to the officers of the Unitarian church, where the convention was held, to the press and to the soloist, Prof. Crosby Hopps, for songs during the convention. At the suggestion of Wyman Elliott, all the delegates from other states were made honorary members of the Minnesota society for a period of one year. Mr. Elliott also reported how the collection of Minnesota seedling apples took the premium at the American Pomological society, held in Boston last fall, and formally presented this premium to the Minnesota Horticultural society. It will be kept in Secretary Latham's office. Several of the officers thought that the society had grown so large that it was entitled to a permanent building, but no action was taken on the matter.

Apple Blight Explained.

The general topic for the afternoon session was orchard gardening. A paper that resulted in an animated discussion was read by Prof. William Robertson, of the state agricultural school, on "Apple Blight."

He quoted many leading authorities on the subject, and finally traced the cause to a bacilli under the cover of the outer layer of the bark, and suggested the remedy of cutting away the blighted or infected part.

D. M. Mitchell, of Owatonna, in speaking of "The Possibilities of Commercial Orcharding on the Farm," took for example a farm orchard in his vicinity which had yielded its owner over $1,000 last fall, or about $75 an acre. In another paper, "Top-Working to Secure Long-Keeping Apples" was explained by Seth Kenney, of Waterville. H. F. Busse, of Minneapolis, spoke of "Apple Orcharding in Minnesota," and Hamlin V. Poore, of Bird Island, set forth "The Successful Apple Orchard of the Future." A. J. Phillips was allotted a few minutes in which to tell of the tests he made in an experimental orchard in Wisconsin, his final deduction being that for top-work the Virginia crab excels all other kinds.

During the forenoon nursery topics were discussed, the speakers being Roy Underwood, of Lake City; A. E. Collman, Corning, Iowa; K. L. Taylor, of Litchfield; Prof. N. S. Hansen, of Brookings, S. D.; Thomas E. Cashman, Owatonna; A. Norby, of Madison, S. D.; N. S. Higbie, of Washburn; E. A. Webb, of St. Paul, and C. C. Hunter, of Minneapolis.

The only woman to speak at yesterday's session was Miss Gertrude Cairns, of Ellsworth, Wis. Miss Cairns took one of the premiums for seedling apples.

St. Paul (Minn.) Pioneer Press
SATURDAY, DECEMBER 5, 1903.

NO ONE SHOWS A $1,000 APPLE

PRIZE OFFERED BY HORTICULTURAL SOCIETY UNAWARDED.

A Similar Premium for Plums Is Considered by the Association—"Orcharding" Is Discussed at Final Session—Convention Adjourns.

No apple grower was fortunate enough to exhibit a seedling apple as hardy as the Duchess, with fruit quality equal to the Wealthy and which will keep as well as the Malinda, so the Minnesota Horticultural society adjourned without awarding to any exhibitor the prize of $1,000 offered for this rare specimen.

Still another fruit, the society believes, could be cultivated to good advantage in Minnesota. This is the plum, and the society in its final session yesterday considered the advisability of offering a prize of $1,000 for a similar specimen, but no definite action was taken. It is not unlikely that such action will be taken at the next convention, however, and then there will be two fine prizes for the fruit growers to compete for.

Minneapolis (Minn.) Tribune
SATURDAY, DECEMBER 5, 1903.

CONVENTION SUCCESSFUL

RECENT HORTICULTURAL MEETINGS WELL ATTENDED AND OF VALUE AND INTEREST.

WANT STATE BUILDING

WILDER MEDAL, WON BY APPLE EXHIBIT SHOWN AT CLOSING MEETING.

Yesterday was the last day of the convention of the State Horticultural society, which has been holding meetings at the Unitarian church, Eighth street and Mary place, during the past four days. At the morning meeting nursery topics were discussed and short addresses were read by officials of the society.

A committee composed of Charles M. Loring, W. H. Dunwoody and O. C. Gregge was appointed by the president to endeavor to make arrangements about a permanent location for the society. The members of the society think that an organization with membership which the Horticultural Society has of 1,500 should have a building of their own in which to hold the conventions, have their offices and give entertainments during the year.

"The convention this year has been a success in every way," said President Clarence Wedge to The Tribune. "We had the largest attendance we ever had in the forty years the society has been in existence. We have enrolled 150 new members during the week. With that showing I think the state and city should do something towards aiding us to get a building of our own in which to hold exhibitions.

1903

WANT STATE BUILDING.

"The railroads give us rates of one fare and one-third from any point in the six states represented here. Now I think the state should give us one-half the amount necessary to erect a building and I feel sure if the state did, the city of Minneapolis would come forward with the other half. We want to hold our conventions in this city, as we have always done, and as the society is growing the way it is I think we deserve something from the city and state. I will work with that end in view and will be able to get a building before our next convention."

"I agree with Mr. Wedge in saying this convention has been a great success," said A. W. Latham, secretary. "And I also think we should have a building. Next year we are going to advertise our convention week as a 'Farmers' Holiday,' and I think it will bring a much larger crowd than [illegible] year. The railroads will give [illegible]ed rates and I think we will have two thousand members by that time. Most of them will no doubt be present."

At the closing session yesterday afternoon, the Wilder medal, which was won at Boston in September this year by the society for having the best display of seedling apples in competition, was exhibited by Wyman Elliott, the delegate who was in charge of the exhibition. This medal was offered by the American Pomological society, and is the highest award offered in the country.

The prize apples exhibited were the same that were in the society's display at the state fair. The medal will be kept in the secretary's office in the Kasota building, where the present headquarters of the society are located.

The discussions in the afternoon were on the general subject of orcharding. A number of addresses were read on the subject.

At the close of the discussion the usual resolutions of thanks were passed.

Miss Pearl Hoakley, assistant secretary of the society, sang "The Coming Day," accompanied by A. C. Sweet of Lake City.

The closing address of the president was then read. President Wedge thanked those present for coming and said he hoped next year to see three times as many. The session then adjourned to assemble again next year in this city.

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The progrem closed with two-minute speeches by leading members and every one of the men, almost without exception, pronounced this state meeting the best they had ever attended. Probably the most distinguished speaker was Ditus Day, 86 years of age, and the oldest member of the society. C. M. Loring and her speech called attention to the coming half-century jubilee and also offered a premium of $25 for the best seedling plum.

Resolutions of Thanks.

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Nursery Topics.

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The only woman to speak yesterday's session was Miss Gertrude Cairns of Ellsworth, Wis., who was included in the two-minute speeches. Miss Cairns took one of the premiums for seedling apples. She has care of an apple orchard started by her father, and though she does not have to make her living in this way she has been very successful in her work.

[illegible] ESTATE TRANSFERS

1904

MINNESOTA'S FRUIT GROWERS

The Minnesota State Horticultural society, now in session in this city, has an especial reason for surveying its work with pride, in the fact that Minnesota fruits won the grand prize at St. Louis, and some eighty others for good measure.

As this splendid victory of Minnesota fruit growers is traceable largely to the efforts put forth for many years by the horticultural society, that organization has a right to claim for itself a share of the glory.

A splendid demonstration of the value of organization and experiment is the fact that this section, once in the misty past deemed bleak and inhospitable, then regarded as a good wheat country and a place for lumbering, but nothing more, not many years ago considered too cold in winter for the survival of any but the hardiest small fruit plants, is now a prize-winner in fruit displays in competition with all the sister states.

Successful fruit culture makes this a commonwealth complete in its products.

Not without constant effort has this eminence been attained. Year by year men have selected, imported, trained, bred and crossed their fruit-bearing stock until the apples, plums, cherries, grapes and berries of Minnesota have been made famous. Science, child of experience, has been the handmaiden of this progress.

As we have said, the cooperation of the leading fruit-growers in organized effort for the common good has brought this about, even as similar cooperation has given us pre-eminence in grain, flour and dairy products, winning for Minnesota the sobriquet, "The Bread and Butter State."

Congratulations to the Horticultural society and to the fruit growers of Minnesota are in order.

Winthrop (Minn.) News.
WEDNESDAY, JUNE 8, 1904.

Fruit Growing in Minnesota.

Fruit growing in the State of Minnesota is becoming one of the attractions of this great state. In bringing to this state the Wilder medal last fall this state gained much in the line of fruit encouragement and Mr. T. E. Perkins, of Red Wing, who won the medal achieved what hundreds of others strived for during thepast fifty years. The medal carries with it the greatest distinction in horticultural experiments, and could only be won by coming up to special requirements and was longed for by every American apple grower. The medal was given to the

Minneapolis (Minn.) Times.
SATURDAY, DECEMBER 3, 1904.

FRUIT GROWERS' SESSIONS ENDED

State Horticultural Society Convention Closes With Short Addresses.

Unlike the majority of conventions, the last session of the State Horticultural society proved by far the most interesting and instructive, and was the best attended. This was undoubtedly due to the fact that most of the business of the meeting had already been completed and the members felt that they could give their entire attention to the subjects on the program.

The good natured parries of wit between the indomitable Wisconsin member, A. J. Phillips, and the good-natured Frank Yannka of Winona kept the session from lapsing into anything like dullness.

American Pomological society by Mr. Wilder and has been competed for for years. Mr. Perkins won the medal which is prized by apple growers more than cash and is a most distinguished honor to himself and state.

The State Horticultural Society has been and is experimenting with seedlings for the purpose of providing the northwest with a good hoardy apple, and from 174 seedlings Mr. Perkins grew successfully 100 new superior varieties, specially adopted to our climate. In any effort to secure new varities a grower is considered successful if he obtains one tree of superior quality out of 10,000 trees. Mr. Perkins' success has attracted attention from all parts of the country and his competitors from Michigan, Canada and other parts conceded the success was something marvelous. The Minnesota apple will soon be looked to from other states and Minnesota will soon attract as much attention as a superior fruit state as we are now a high grade butter state.

Minneapolis (Minn.) Tribune.
TUESDAY, JUNE 14, 1904.

STATE HOTICULTURISTS TO MEET AT STATE FARM

The summer meeting of the Minnesota State Horticultural society will be held Friday, June 24, at the state experiment station, St. Anthony Park.

The morning will be given over to sight-seeing in and about the experiment work will be given under the direction of Prof. F. L. Washburn. At noon lunch will be served for the members of the association in Armory hall. In the afternoon, beginning at 2 o'clock, the program of the session will be taken up.

The program will include reports from the fruit exhibit at the world's fair in St. Louis, practical talks by exhibitors, and an impromptu program of opinions and observations by the various members of the society.

The exhibits will include flowers, strawberries, apples and small vegetables. Cash premiums will be awarded the best specimens and exhibits.

Minneapolis (Minn.) Times.
WEDNESDAY, JUNE 22, 1904.

STRAWBERRIES IN PLENTY

What Minnesota can do in the way of producing strawberries will be shown at the annual summer meeting of the State Horticultural society, to be held at the state experiment station at St. Anthony Friday night. Fully seventy-five varieties of home-grown berries will be on exhibition, and producers from all over the state will be represented.

The weather this year has been ideal for raising strawberries, and the fruit is of an unusual size and excellent flavor. Yesterday ten refrigerators of berries were forwarded to the St. Louis exposition from La Crescent and others will follow in a few days from Excelsior, Albert Lea and other points in the state.

1904

St. Paul (Minn.) Dispatch
FRIDAY, JUNE 24, 1904.

STATE HORTICULTURISTS.

Summer Session Held at the Experimental Farm.

The State Horticultural society held its summer meeting today at the State Experimental farm, St. Anthony Park. About one hundred and fifty were in attendance.

The morning was spent in visiting the various points of interest, viewing the improvements about the farm, and in looking over and judging the exhibits of flowers, strawberries, apples and vegetables. Luncheon was served at noon in the Armory, after which the regular session of the society was held.

The program was an informal one, and consisted of reports from the fruit exhibit at the world's fair, from persons who have been there.

Considerable interest was shown in the demonstration of a spraying outfit and cart, exhibited by Prof. F. L. Washburn, who constructed it.

Minneapolis (Minn.) Journal
FRIDAY, JUNE 24, 1904.

HORTICULTURISTS MEET

Summer Gathering of State Society Held at Africultural School.

Three hundred members assembled at the regular summer gathering of the State Horticultural society held this morning at the armory hall of the agricultural school. Professor F. L. Washburn gave demonstrations of the new spraying outfit and cart he has constructed and the experiment gardens and orchards were inspected. Clarence Wedge of Albert Lea, president, presided this afternoon, when A. W. Latham, secretary, reported on the exhibit at St. Louis. The peony exhibit is the largest on record. Specimens of rhubarb measure about four feet in length and are as thick as a child's wrist. Strawberries are plentiful and large.

Minneapolis (Minn.) Tribune.
SATURDAY, JUNE 25, 1904.

HORTICULTURISTS HOLD MEET

Profusion of Flowers and Fruit Are on Display.

There was a profusion of flowers and fruits on exhibition at the summer meeting of the Minnesota Horticultural society yesterday afternoon at the sate experiment station in St. Anthony Park. There were peonies and roses. Beside hese more pretentious blossoms there were bouquets of old-fashioned, modest blossoms, the bright blue-eyed lark's spur, the common yellow day lily, the pyrethrum from which the ordinary insect powder is made, delicate sprays of Baby's breath, striped grasses, sweet William, yarrow, bleedings hearts, batchelor's buttons, sweet Elysium and the old-fashioned garland of fragrant syringa or mock orange.

The fruit exhibit was made up principally of strawberries and a remarkable assortment of seedling apples, the best of which are the hope of Minnesota orchards.

The prize winners for strawberries were H. W. Schuman and A. Brackett of Excelsior and F. F. Farrar of White Bear; for peonies and roses. The Rose Hill nursery of Minneapolis and the Jewel nursery of Lake City. There were no awards for apples or vegetables.

The discussions were on topics of general interest to florists and horticulturists. S. A. Stockwell of this city made a strong plea for native birds.

Minneapolis (Minn.) Times.
SATURDAY, JUNE 25, 1904.

STRAWBERRIES OF MINNESOTA SHOWN

Sixty Varieties of Native Grown Berries Displayed by State Horticulturists.

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This exhibit, consisting of 120 varieties of fruit, raised from the seed of one tree and all planted at one time, was picked last summer on T. E. Perkins' place at Red Wing. Since that time the fruit has been exhibited a number of times, including the Minnesota state fair last fall and the meeting of the American Pomological society at Boston last winter.

At both the exhibitions mentioned the exhibit was pronounced the most wonderful display of apples ever made in this country. And the reasonableness of this statement was more apparent than ever yesterday when the fruit was shown as sound and perfect as when first picked. It is probable that part of the exhibit will be at the state fair in September.

At the meeting of the Horticultural society yesterday morning upward of sixty varieties of native grown strawberries were on exhibition in competition for a large list of prizes. The unusual favorableness of the weather this year for the culture of strawberries was only too apparent in the quality of the entries, which were fully 150 in number.

At the conclusion of the strawberry competition, Prof. F. L. Washburn, state entomologist, gave a demonstration in the use of his new spraying outfit, and then the party made an inspection of the experiment station gardens and orchards.

In the afternoon the regular summer session was held, with Clarence Wedge of Albert Lea in the chair. A report was submitted regarding the state fruit exhibit at the St. Louis exposition, and a number of "practical" talks were given by various members of the society, including Wyman Elliott of Excelsior, John Nordine of Lake City and Prof. S. B. Green of the experiment station.

The session closed with the award of prizes for different varieties of flowers, including roses, peonies and garden flowers, apples (not kept in cold storage) and garden vegetables, including lettuce, asparagus, peas, rhubarb, early potatoes and early beets.

St. Paul Pioneer Press
June 20-04.

1904.

BELIEVE IN MINNESOTA AS A FRUIT AND FLOWER STATE

Members of the State Horticultural Society Hold Their Summer Meeting and Exhibit at the State Experiment Station—Interesting Addresses on Flowers and Fruits Adapted to Minnesoa Soiand Climate.



MEMBERS OF THE STATE HORTICULTURAL SOCIETY AT DINNER AT THE FARM SCHOOL.

—By a Staff Photographer.

There was a profusion of flowers and fruits on exhibition at the summer meeting of the Minnesota Horticultural society yesterday afternoon at the state experiment station in St. Anthony Park. There were peonies and roses. Besides these more pretentious blossoms there were bouquets of old-fashioned, modest blossoms, the bright blue-eyed larkspur, the common yellow day lily, the pyrethrum—from which the ordinary insect powder is made, delicate sprays of baby's breath, striped grasses, sweet William, arrow, bleeding hearts, bachelor's buttons, sweet alyssum and the old-fashioned bud of fragrant syringa or mock

fruit exhibit was made up prin- of strawberries and a remarkable assortment of seedling apples, the best of which are the hope of Minnesota orchards.

The morning session of the society was devoted to displaying and inspecting the various exhibits, the best of which received prizes, and was followed at noon by a basket luncheon. Clarence Wedge of Albert Lea, president of the society, called the meeting to order at 2 o'clock in the armory. P. P. Farrar of White Bear was the first to speak. He is engaged in raising strawberries and gave a talk upon their culture and care. He declared that the "Sample" variety is the most adaptable to several soils and the most profitable. He also indorsed the hea tting out the plants stem. For commerc the "Warfield" and "Senator Dunlap" on account of their long preservative properties. A. Brackett also made a few remarks upon the berry, extolling the "Senator Dunlap" variety for every purpose.

Talk on Roses and Peonies.

John Nordeen, a nurseryman of twenty-five years' experience, gave a talk on roses and peonies. He said that the best time to plant roses is in the spring and that the best soil is a clay loam. He indorsed the common barn yard manure to the disparagement of patent fertilizers. Roses need careful attention and cultivation until August, when they should be given a chance to mature and ripen for the winter. Then they need protection from the sharp north winds. They should be bent carefully and covered with an adequate layer of dry leaves topped with boards. He cautioned against a too heavy covering, because then they are apt to smother, as the idea is not to keep them w but to preserve a somewhat even perature about them. The best ada for city lawns and gardens are the red Gen. Jack, the pink Baron Rothsc the cherry red Ulrich Bruner and light red Clio. These are all hardy perennial.

In speaking of peonies, he said there were two species, the tree or sh peony and the herbaceous peony. Festiva Maxima and the Peonie Ru are the best for general cultivation.

Wyman Elliott of Minneapolis spoke on seedling apples and was followed by Prof. S. B. Green, who talked upon some of the flowers that used to delight our grandmothers: S. A. Stockwell made a strong plea for our birds, urging upon the audience the economic value of the feathered tribe in killing destructive insects and worms.

A. W. Latham, the secretary of the society, spoke of the Minnesota exhibit at the St. Louis fair, saying that there w on exhibit more than 300 boxes of str berries and forty bushels of ap Though the display is not so extensive pretentious as those from some o states, the quality of the exhibit is of first order.

The prize winners for strawberries w H. W. Schuman and A. Brackett of S Isolor and F. F. Farrar of White Be for peonies and roses, The Rose Nursery of Minneapolis and Lake Jo Nursery of Lake City. There were wards for apples or vegetables.

BERRIES

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Glencoe (Minn.) Register.
FRIDAY, JULY [illegible]

DELIVERS ADDRESS

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At the court house hall, because the city hall was engaged, Prof. S. B. Green of the State Agricultural College addressed a comfortably large audience as a finale of the Dairymen's picnic. His talk was chiefly on the work and experiments that are doing and making at the college experiment farm, which has more than paid all its cost thus far in propagation of new and better varieties of wheat that are adding to the farmers larger returns yearly.

He was to have helped complete the McLeod County Horticultural association, auxiliary to the Minnesota State Horticultural Society, but owing to the indication of a storm this subject was postponed to some later date. As we understand this matter, this McLeod County Horticultural association is already in existence, and has only to meet and act to be a live issue in the horticultural interests in the county. It is to meet annually on the Monday preceding the first Tuesday in December 1904, or such other time as the executive committee may call, and the members of the executive committee are A. H. Reed, J. H. Albers, Frank Kasper, L. W. Gilbert, Frank Uherka, Moody Holcomb and Ole S. Quammen, being the first seven names who have signed as members, and have joined the State Horticultural Society. L. E. Austin, Orlando Simons, J.. H. Dorsey, J. S. Davis, Hubert Bowls, Daniel Kennedy, Rupert Link, H. Wadsworth and Wm. H. Soice have also joined the organization, forming as it does the parent society of the county, and with some of the push and energy that each one of the members are known to posess in great abundance, exerted in this field town organizations might be formed auxiliary to it, in every town of the county, and McLeod county be the banner county of horticulture as she is in butter-making. Gentlemen, why not "get busy," and work your association for all it is possible in good for the county?

Stillwater (Minn.) Gazette.
SATURDAY, AUGUST [illegible], 1904.

FARM PRODUCTS

Great Agricultural and Horticultural Displays Promised for the State Fair.

Since the opening of the new Agricultural Hall at the Minnesota State Fair grounds, a few years ago, the agricultural department has made rapid growth and now bids fair to crowd out the horticultural division within a short time. At this year's fair the agricultural display, proper, will be better than ever. Special pains have been taken to adjust the premium offers so as to make a more satisfactory division of the prizes for county exhibits and also to encourage farmers to make individual exhibits. N. S. Gordon of Crookston is superintendent of the agricultural division, and A. W. Latham of Minneapolis is in charge of the horticultural department, which is housed in Agricultural Hall. The State Fair will open this year on August 29, continuing until September 3. Half-fare rates are made on all railroads.

Lake Crys[illegible] (Minn.) Union.
WEDNESDAY, AUGUST 24, 1904.

Minnesota Fruit.

It looks odd to an old settler in this state to see the merchants taking apples in trade at their stores. Years ago apples raised in Minnesota were as scarce as hen's teeth. No such thing was known and it was the general belief by people that apples could not be successfully grown here. One after another the different varieties of trees that were planted would live a year or so and then without producing any fruit to speak of would die. A nursery in the state seemed to be about as useless an industry as one could think of or go into. Still they kept on experimenting. J. S. Parks, Esq., one of the oldest citizens of Pleasant Mound had faith that the time would come when this kind of fruit as well as a great many other varieties, could be successfully cultivated in Minnesota and he has lived to realize his hopes. Mr. Parks experimented, planted seed and set out new trees and posted himself on the different varieties of fruit that would best suit the climate of Minnesota until he has an orchard of from 25 to 30 acres of the different varieties of as thrifty, growing trees as one ever saw. He attended the county

St. Paul Pioneer Press, June 20-04.

1904.

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Members of the State Horticultural Society Hold Their Summe[r] Station—Interesting Addresses on Flowers and Fruits A[t]



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DROPS FAR TO DEATH

Detroit Man Shoots Girl and Falls From Eleventh Floor of Building.

Letters Found on Dead Body Tell of Girl's Intention to Marry Third Person.

Wounded Woman Not Dangerously Hurt—Assailant's Attempt to Escape Fatal.

Detroit, June 24.—A small private office in a suite on the eleventh floor of the Chamber of Commerce building at the corner of Griswold and State streets was to-day the scene of a most thrilling tragedy, when Charles A. Swayse, an insurance agent, fought with Miss Effie Alvord for several minutes in an attemnt to throw her out of the window, then shot her twice and plunged himself from the window to the brick pavement of State street, being almost instantly killed.

Miss Alvord was shot twice in the neck and badly beaten about the head and face by Swayse, but her physician said to-night that she is not dangerously hurt.

Every bone in Swayse's body below his neck was broken by his fall of 165 feet. Despite the terrific fall, a faint flicker of life remained when he was picked up, but it went out as his broken body was being carried into the lobby of the building.

Back of the tragedy lies a tale of intimacy between Miss Alvord and Swayse, who was fifty-one years old, married and the father of two young girls. Both Miss Alvord and Swayse were for several years prior to November, 1902, employed at the house of correction here, Swayse as deputy superintendent and the woman

As a Matron.

In a letter found on Swayse's body he charged that the woman tempted him while they were at the house of correction and he fell. Their intimacy resulted. Supt. McDonnell of the institution [ord]ers, in neglect of their work and both [were] discharged. Swayse then entered [the] employ of the life insurance company [in] whose offices the tragedy occurred. [Miss] Alvord had several positions and [final]ly entered the employ of a sewing ma[chine] company.

[To]-day she drove up in an automobile [to] the Chamber of Commerce building [with] J. D. Terry, who is employed by [the] same sewing machine company. She

St. Cloud (Minn.) Times
MONDAY, JUNE [illegible]

MINNESOTA STRAWBERRIES

Sixty Varieties of Native Grown Berries Displayed by State Horticulturists—Apple Exhibit.

A remnant of the famous Perkins exhibit of seeding apples figured prominently at the regular summer gathering of the State Horticultural society at the state experiment school on the 24th.

The exhibit, consisting of 120 varieties of fruit, raised from the seed of one tree, and all planted at one time, was picked last summer at T. E. Perkins' place at Red Wing. Since that time the fruit has been exhibited a number of times, including the Minnesota state fair last fall and the meeting of the American Pomological society at Boston last winter.

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Stillwater (Minn.) Gazette
SATURDAY, AUGUST 20, 1904.

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fair every year and the fruit he had raised was placed on exhibition and was the admiration of all who saw it. Other farmers began setting out trees and trying their luck in fruit growing until to-day there is not a farmer or a resident of the state but has more or less fruit of various kinds at home. Our merchants are shipping barrel after barrel of Duchess to the twin cities and other parts of the state. The Duchess is one of the finest, best flavored fall apples raised anywheres, East or West. N. E. Coad has a farm near Garden City on which there is an abundance of fruit raised. Plums, several kinds of apples, etc. are grown every year successfully. This season he has between 40 and 50 bu. of Duchess, 25 to 30 bushels of Wealthies of which one tree alone produced 15 bushels or more. There is also an eating apple raised on this farm that is hard to beat. Pears are being raised in Minnesota; also cherries and in one or two places peaches have been grown. In time a variety of this kind of fruit will be produced, unequalled by any of the so-called peach states. Time will work wonders in fruit raising in Minnesota.

St. Paul (Minn.) Globe.
WEDNESDAY, AUGUST 31, 1904.

FRUIT, BEES, HONEY ATTRACT A CROWD

Horticultural Exhibits at Fair Are Marred Somewhat By Late Season

The horticultural exhibits at the fair are as numerous and, with a few exceptions, as good as those of 1903, although this department has been set back more than any other by the late season and the earlier fair. Nearly all the plums are therefore green, and many of the apples are not fully developed—defects that would not be found were the fair to open three weeks hence.

But the number of plum exhibits, according to Supt. A. W. Latham, surpasses the record of any previous year. They are admirable plums as well, or would be, if they had not been picked when green.

More grapes also are shown. They, too, are not fully ripened.

Among the best displays are those of the Jewell Nursery company, Lake City, the state experiment station, Devine Cook, of Windom, and John A. Howard, of Hammond. The station contributes chiefly apples and grapes.

The Jewell Nursery has erected with horticultural material an immense windmill, "life size," whose stately revolving would have driven the Don of La Mancha into bellicose paroxysms The walls of this mill are made chiefly of apples and ash berries. Mr. Cook has one of the best displays of plums; Mr. Hammond, one of the biggest assortment of apples.

Horticultural hall is decorated with evergreen, ash berries and other red berries in designs executed under the guidance of Wyman Elliott, the veteran Minnetonka horticulturist.

Mushrooms and bees are two special displays in horticultural hall that never fail to interest.

Mushrooms of All Sorts

The mushrooms appear rather less numerous than last year, although this apparent falling off may be the result of a different mode of exhibition. But there are mushrooms enough for the most venturesome and hungry of mycologists—mushrooms of every color, of forms hideous and forms fairylike; mushrooms, looking as dangerous as a nihilist bomb, that are labeled "edible;" and mushrooms, with the air of angel food, that are inscribed, in red letters, "poisonous—do not handle." There are many native mushrooms in liberal portions, and microscopic section of that foreign variety which raises the price of restaurant beefsteak to $2.50.

The bees can't get out. That's the first important fact about a highly interesting display. One can see the drones toiling hard to keep their eyes shut; the "workers" chasing round and round, sprawling over each other, and bumping their heads against the glass, but accomplishing nothing in particular, and the queen bee under the "demonstrator's" thumb.

Many Watch Bees

"She's right there!" the man will say, and take away his thumb. You will gaze steadfastly at a "rough house" inaugurated by some dozens of the queen's subjects, but you'll have to accept the demonstrator's word for it that her majesty is distinguished by a long body and the profound respect of the other bees.

"The honey exhibit," says Mr. Gordon, "honey, apiary and sugar superintendent," is very fine this year." Two important exhibitors of honey are J. B. Jardine, of Minnetonka, and the Moesher apiaries. Other honey working machinery, besides bees, is displayed by various manufacturers.

Minneapolis (Minn.) Journal.
TUESDAY, NOV. 1, 1904.

LAND OF APPLES

Minnesota Fruit Plentiful and Consequently Cheap This Fall.

Commission merchants along the "row" have been receiving large shipments of apples the past few days and declare that the luscious pippin has outdone all previous records this year. The public can purchase the finest varieties of Baldwins, Greenings and Northern Spies from the retailers for $2.50 and $3 a barrel.

The records of the State Horticultural society show that Minnesota easily leads all the states in seedling apples. It was not long ago that people in other states thought that apples could not be raised in Minnesota. Now Minnesota leads in seedlings and is second to none in the general growing of the fruit.

Minneapolis (Minn.) Agriculturist
SATURDAY, NOV. 10 1904.

HORTICULTURAL MEETING

The thirty-eighth annual meeting of the Minnesota State Horticultural Society will be held in the First Unitarian church, Minneapolis, on December 6, 7, 8, and 9, 1904. The Minnesota State Forestry Association, Minnesota Bee-Keepers Association, and the Woman's Auxiliary meet in the same building at the same time.

No more interesting or practical series of meetings can be found than the above, and there is not an agriculturist in the state, or even a person who is interested in any of these branches of industry, who can afford to stay away if it is possible for him to attend. The women, too, will find much that will aid in their gardening and fruit raising, their care for bees (which more women should take up a as profession) and Mrs. Lydia Phillips Williams will certainly arouse their enthusiasm in her talk on "Forestry as Related to the Farm."

A most admirable program has been arranged for each day. We have space to give only a general idea of the subjects treated in the different associations. For the Horticulturists, among the topics discussed are Possibilities in Floriculture; Garden Experiments; Prairie Problems in Tree Planting; Ginseng Cultivation; Apple, Plum and Cherry Orchards in March and April; The Small Fruit Garden; the Vegetable Garden; The Vineyard; and the Flower Garden and Lawn, in March and April: Plum Curculio; Experience in Spraying the Orchard; Dust Spraying.

Besides these, many papers on general topics connected with Horticulture will be read. The writers of these papers are authorities on the subjects of which they treat.

At the meeting of the Woman's Auxiliary on Wednesday afternoon, papers will read by Miss Catherine Comfort, Preceptress Girl's Department, Minnesota College of Agriculture; Dr. Mary S. Whetstone, Minneapolis,; Miss Margaret G. Evans, Northfield, and Mrs. G. F. Benson, Lake City. On Wednesday evening a stereoptican lecture will be given before the Bee-Keepers Association, by E. R. Root and Prof. F. L. Washburn.

The State Forestry Association will hold its first session at 3:00 o'clock Thursday afternoon. Papers will be read by Gen. C. C. Andrews, State Forest Fire Warden; Mrs. Lydia Phillips Williams, Chairman Forestry Committee of General Federation of Women's Clubs; S. F. Fullerton, State Game Warden; Prof. F. L. Washburn, State Entomologist; S. B. Detwiler, U. S. Bureau of Forestry; and Harold Cuzner, Experiment Station.

The sessions of the Bee-Keepers Association will be held on Wednesday and Thursday. The very interesting programs will be interspersed with music, both vocal and instrumental.

On Wednesday all the ladies in attendance are invited to a reception given by Mrs. Chas. M. Loring, from 10 to 12 a. m., at her home, No. 102 Clifton Avenue. Short talks will be given by Miss Margaret J. Evans, Mrs. A. W. Rankin and Mrs. Lydia P. Williams and others, with music and refreshments, and a social time generally, will be enjoyed.

The annual banquet will take place Thursday evening. Tickets 75 cents.

The $1.000 premium offered by the Horticultural Society for a seedling apple tree, is still standing and a number of other special premiums have been added to the former list.

The programs are now ready for distribution. Write to the Secretary, A. W. Latham, 207 Kasota Block, Minneapolis, for one, and then make your arrangements to be present at the meeting. Reduced railroad and hotel rates have been arranged for and the expense will be small.

Minneapolis (Minn.) Journal.
SATURDAY, NOV. 12, 1904.

FRUIT MEN TO FOREGATHER

Interest in the Approaching Winter Meeting of the State Society.

The annual meeting of the Minnesota Horticultural society will be held in First Unitarian church, Dec. 6, 7, 8, and 9. This is one of the events of the year for the farmers who attend in large numbers. This in part is due to the attractions of the program and the opportunities of meeting the most progressive horticultural experts and in part to the reduced railroad rates and the fact tha it is the farmers' off season.

An entertaining and practical program, covering a multitude of topics about fruits, trees and flowers, in Minnesota, is now in press for this gathering, and copies can be had by application to the secretary, A. W. Latham, 287 Kasota block, Minneapolis. It will be a feast for any one in any way interested in the wonderful horticultural developments now going on in this state, which are rapidly clothing its hillsides with orchards and beautifying its homes.

Minneapolis (Minn.) Tribune.
SUNDAY, NOV. 13, 1904.

ANNUAL MEETING OF HORTICULTURAL SOCIETY

The annual meeting of the Minnesota State Horticultural Society will be held in Minneapolis Dec. 6, 7, 8 and 9.

The sessions are to held in the First Unitarian church.

All the railroads in the state unite in making a reduced rate to this gathering. By one securing a certificate from the railroad agent of whom the ticket is purchased and presenting it at the meeting for signature, a return ticket from Minneapolis can be purchased for one-third price.

A program covering a multitude of topics about fruits, trees, flowers, etc., in Minnesota, is now in press for this gathering, and copies can be had by application to the secretary, A. W. Latham, 207 Kasota block.

St. Paul (Minn.) Pioneer P
SATURDAY, NOV. 12, 1904.

WILL DISCUSS FRUITS.

State Horticultural Society Will Meet Dec. 6 to 9.

The annual meeting of the Minnesota State Historical society will be held in the First Unitarian church of Minneapolis from Dec. 6 to 9. The railroads have made a rate of a fare and a third for the meeting.

A very entertaining and practical program covering a multitude of topics about fruits, trees and flowers indigenous to Minnesota is now in press for this gathering and copies can be had upon application to the secretary, A. W. Latham, 207 Kasota block, Minneapolis.

Minneapolis (Minn.) Times.
SATURDAY, NOV. 12, 1904.

HORTICULTRAL SOCIETY MEET

Annual Gathering of State Society Will Be Notable.

The annual meeting of the Minnesota Horticultural society will be held at the First Unitarian church, Eighth street S. and Mary place, Dec. 6, 7, 8 and 9.

The program for the four-day session will include the consideration and discussion of a multitude of topics relating to the cultivation of flowers, trees and fruits, and the most extensive of fruit and other products of the state that the society has ever undertaken will be on exhibition. The railroads throughout the state have agreed to give special rates, and a more general attendance than ever before is anticipated.

Information regarding the meeting can be had upon application to A. W. Latham, 207 Kasota block, Minneapolis.

Albert Lea (Minn.) Tribune
TUESDAY, NOV. 15, 1904.

FRUIT MEN TO MEET

Annual Gathering to be Held in Minneapolis.

The annual meeting of the Minnesota Horticultural society will be held in the First Unitarian church, Minneapolis, Dec. 6, 7, 8, and 9. This is one of the events of the year for the farmers who attend in large numbers. This in part is due to the attractions

of the program and the opportunities of meeting the most progressive horticultural experts and in part to the reduced railroad rates and the fact that it is the farmers' off season.

An entertaining and practical program, covering a multitude of topics about fruits, trees and flowers, in Minnesota, is now in press for this gathering, and copies can be had by application to the secretary, A. W. Latham, 287 Kasota block, Minneapolis. It will be a feast for any one in any way interested in the wonderful horticultural developments now going on in this state, which are rapidly clothing its hillsides with orchards and beautifying its homes.

Clarence Wedge is president of the state society and he as well as several others from this city and county will attend this meeting.

Mankato (Minn.) Press.
WEDNESDAY, NOV. 9, 1904.

FRUIT MEN WILL MEET.

Horticultural Society's Annual to Be Held in Minneapolis Dec. 6-9.

The annual meeting of the Minnesota Horticultural society will be held in the First Unitarian church, Minneapolis, Dec. 6, 7, 8, and 9. This is one of the events of the year for the farmers who attend in large numbers. This in part is due to the attractions of the program and the opportunities of meeting the most progressive horticultural experts and in part to the reduced railroad rates and the fact that it is the farmers' off season.

An entertaining and practical program, covering a multitude of topics about fruits, trees and flowers, in Minnesota, is now in press for this gathering, and copies can be had by application to the secretary, A. W. Latham, 287 Kasota block, Minneapolis. It will be a feast for anyone in any way interested in the wonderful horticultural developments now going on in this state, which are repidly clothing its hillsides with orchards and beautifying its homes.

Faribault (Minn.) Journal.
SATURDAY, NOV. 19, 1904.

FRUIT MEN WILL MEET.

The annual meeting of the Minnesota Horticultural society will be held in the First Unitarian church, Minneapolis, Dec. 6, 7, 8, and 9. This is one of the events of the year for the farmers who attend in large numbers. This in part is due to the attractions of the program and the opportunities of meeting the most progressive horticultural experts and in part to the reduced railroads rates and the fact that it is the farmers' off season.

An entertaining and practical program, covering a multitude of topics about fruits, trees and flowers, in Minnesota, is now on press for this gathering, and copies can be had by application to the secretary, A. W. Latham, 287 Kasota block, Minneapolis. It will be a feast for anyone in any way interested in the wonderful horticultural developments now going on in this state, which are rapidly clothing its hillsides with orchards and beautifying its homes.

Minneapolis (Minn.) Journal.
WEDNESDAY, NOV. 23, 1904.

VAL. N

AN APPLE WILL BRING YOU $1,000

THAT IS, IT WILL IF IT FILLS THE REQUIREMENTS.

State Horticultural Society Hasn't Yet Found the Seedling Desired—Meeting of the Society Will Be Held in Minneapolis Next Week, With Prominent Horticulturists in Attendance.

The Minnesota State Horticultural society will hold its annual meeting in Minneapolis next week, at the First Unitarian church. The allied societies, the Minnesota Forestry association, the Minnesota Beekeepers' association, and the Woman's Auxiliary, will meet in the same building at the same time. The program is made up of series of practical talks on the latest phases of horticultural experiments and experiences. The meetings always attract a considerable attendance from neighboring states and among the visitors who will aid in the program this year are C. S. Harrison, York, Neb., Professor A. T. Irwin, horticulturist of Iowa experiment station, and G. C. Johnson, Kansas City. The Forestry association will have an address Thursday afternoon, by S. B. Detwiler of the United States Bureau of forestry on "Federal Aid for Tree Planters."

In addition to the usual exhibits and competitions there will be a special competition in seedling apples with a view of showing their keeping qualities. This is continued from last year. The prizes offered are in two classes and aggregate $100; $40 for early winter seedlings and $60 for late winter varieties. The prize money will be divided pro rata among the entries commended by the judges, according to the comparative merit of each as a commercial fruit.

The seedling competition is open to the western half of Wisconsin, the northern third of Iowa and all of North and South Dakota and Manitoba. The $1,000 prize is still being offered for a seedling apple tree described as "hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda."

Those who will read papers at the first day's meeting are C. S. Harrison of York, Neb.; T. T. Bacheller of Minneapolis, Wyman Elliot of Minneapolis, Professor A. T. Erwin of the Iowa state experiment station, Preston McCully of Maple Plain, George W. Strand of Taylors Falls, De Wain Cook of Jeffers, Minn.; R. A. Wright of Excelsior, Mrs. L. Barton of Excelsior, R. L. Balliff of Bloomington, Mrs. A. S. Hanson of Minneapolis, Professor F. L. Washburn of the state experiment station, H. S. Rowell of Excelsior and G. C. Johnson of Kansas City, Mo.

The convention will open Tuesday morning and close Friday afternoon. On Thursday evening, the banquet will be held at the Young Women's Christian association. There will be a joint meeting with the Woman's auxiliary Wednesday afternoon, and with the Forestry association Thursday. Both of these meetings will be of unusual interest. On Wednesday morning the Woman's auxiliary will have a social reunion from 10 to 12 at the home of Mrs. C. M. Loring. The meetings of the beekeepers will be held Wednesday and Thursday. The meeting Wednesday evening will have a stereopticon lecture by Professor F. L. Washburn, state entomologist, and an address by Ernest R. Root of Medina, Ohio.

Minneapolis (Minn.) Times.
THURSDAY, NOV. 24, 1904.

HORTICULTURALISTS' ANNUAL MEETING

State Society Will Hold Its Sessions Here Early in December.

The Minnesota State Horticultural society will hold its annual meeting from Dec. 6 to 9 in the First Unitarian church, Eighth street and Mary place. The Minnesota Forestry association, the Minnesota Beekeepers' association and the Woman's auxiliary will meet at the same time in the church.

There will be a large display of long-keeping seedling apples. Prizes amounting to $100 have been offered growers in western Wisconsin, northern Iowa, North and South Dakota and Manitoba, in order to secure the most meritorious in each section. A prize of $1,000 is offered for a seedling apple "as hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda."

St. Paul (Minn.) Pioneer Press.
FRIDAY, NOV. 25, 1904.

FRUIT GROWERS MEET

WILL DISCUSS IMPORTANT TOPICS.

State Horticultural Society to Hold Annual Convention in December—The Program.

The Minnesota State Horticultural society has issued the program for its thirty-eighth annual meeting at Minneapolis Dec. 6, 7, 8 and 9. The meeting will be held in the First Unitarian church, Eighth street and Mary place, and the fruit show will be in the basement of the church. The ladies' auxiliary will meet at the same time and place, as will also the Minnesota State Forestry association and the Minnesota Beekeepers' association. The railroads have granted a rate of one fare and a third for the round trip on the certificate plan. The association will have its headquarters at Hotel Vendome.

President Clarence Wedge will give his annual address at the Tuesday morning session. The following papers will be read: "Possibilities in Floriculture," by C. S. Harrison, York, Neb.; "Garden Experiments," T. T. Bacheller, Minneapolis; "Chop Talk," Wyman Elliott, Minneapolis; "Some Prairie Problems in Tree Planting," Prof. A. T. Erwin, horticulturist, Iowa state expeiment station; "Ginseng Cultivation," Preston McCulley, Maple Plain.

The Tuesday afternoon session will be a "calendar session" for March and April. The following papers will be read: "The Apple Orchard in March and April," by George W. Strand, Taylor's Falls; "The Plum and Cherry Orchard in March and April," Dewain Cook, Jeffers; "The Small Fruit Garden in March and April," R. A. Wright, Excelsior; "The Vineyard in March and April," Mrs. I. Barton, Excelsior; "The Vegetable Garden in March and April," R. L. Balliff, Bloomington; "Flower Garden and Lawn in March and April," Mrs. A. S. Hanson, Minneapolis; "The Plum Curculio a Foe of the Apple," Prof. F. L. Washburn, St. Anthony Park; "My Experience in Spraying the Orchard,' H. H. S. Rowell, Excelsior; "Dust Spraying," G. C. Johnson, Kansas City, Mo.

The Wednesday morning session will be devoted to the reports of the officers and committees of the association. The same morning the ladies of the society will hold a reunion at the home of Mrs. Charles M. Loring, 102 Clifton avenue. Mrs. Loring will provide an entertainment of short talks, music and refreshments.

The Wednesday afternoon meeting will be a business session for reports of committees on fruits and seedlings and the committee on awards. A joint session with the woman's auxiliary will follow. The program will consist of the president's and the secretary's reports and the following papers: "The Girls' Department of the Agricultural School and Its Influence on the Home Life in the Country," Miss Catherine Comfort, preceptress of the girls' department of the state farm school; "Fruits and Vegetables as a Food From the Hygienic Standpoint," Dr. Mary S. Whetstone, Minneapolis; "Hospitality in the Home," Miss Margaret Evans, Northfield; "Description and Habits of the Blue Jay," Mrs. G. F. Benson, Lake City.

Thursday morning will be another calendar program for September and October. The subjects will be presented by J. P. Andrews, Faribault; Frank Yahnke, Winona; William Lyons, Minneapolis; Gust Johnson, Excelsior. The following papers will be read: "My Experience in Strawberry Growing," Jacob Schwab, Anoka; "My Experience With the Plum Pocket," S. D. Richardson, Winnebago City; "Preparing the Grounds for the New Home," O. C. Thompson, Farmington.

The election of officers will be held on Thursday afternoon and the following papes read: "The Aim and Methods of the American Breeders' Association," Prof. W. M. Hays, St. Anthony Park; "Lessons of Observation and Experience in Horticulture," David Secor, Winnebago City; "Fertilizers for Horticultural Purposes," Prof. Harry Snyder, St. Anthony Park; "Horticultural Notes on My Trip West and North," Prof. S. B. Green, St. Anthony Park. A joint session with the forestry association will follow and the following papers will be read: "What Minnesota Needs in Forestry," Gen. C. C. Andrews; "Forestry as Related to the Farm," Mrs. Lydia Phillips Williams, Minneapolis; "Forestry and Game Protection," Samuel F. Fullerton; "The White Pine Weevil," Prof. F. L. Washburn; "Federal Aid to Tree Planters," S. B. Detwiler, United States bureau of forestry; "Suitable Trees for Our Prairies and Rondades," Harold Cuzner, experiment station. When this program is closed the members will go directly to the Y. M. C. A. building, where the annual banquet of the society will be held.

The following is the program for Friday morning: "Practical Breeding as a Practical Pursuit," C. P. Bull, St. Anthony Park; "Notes on Fruit Breeding," Prof. N. S. Hansen, Brookings; "My Apple Storage House," J. A. Howard, Hammond; "Influence of Fertilizers in Giving Colors in Fruits and Flowers," W. C. Gould, St. Paul; "My Duchess Orchard," Eli Stone, Excelsior; "Growing Seedling Apples on a Minnesota Prairie," John Bisbee, Madelia; "Minnesota Apple Seedlings," D. F. Akin, Farmington; "Gathering the Apple Crop," Emil Sahler, Waseca.

The closing session will be held Friday afternoon, when the following papers will be read: "Starting an Orchard on a Minnesota Prairie," J. L. Tiegland, Minnesota; "Why Some Orchard Trees Do Not Bear," Prof. William Robertson, St. Anthony Park; "The Making of a Successful Orchard," E. A. Smith, Lake City; "The Wealthy as a Parent of Seedlings," A. B. Lyman, Excelsior; "Trimming the Orchard," S. H. Kenney, Waterville; "Winter Care of Fruit Trees," J. V. Wichler, Owatonna.

The society offers premiums aggregating $100 for collections of flowers, grapes and apples; also special premiums of $40 for early winter seedlings and $60 for late winter seedlings. The offer of the society of $1,000 for a seedling apple tree "as hardy and prolific as the Duchess, with fruit equal to the Wealthy, in size, quality and appearance, and that will keep as long as the Malinda," still remains open. There will also be several other special premiums.

The society has a total membership of 1,802, of whom 138 are life members. Efforts are being made to increase the membership to 2,500 this year.

St. Paul (Minn.) Globe.
MONDAY, NOV. 28, 1904.

MINNEAPOLIS FRUIT RAISERS HOLD CONVENTION

Annual Session of the State Association Will Be Held In Minneapolis

The Minnesota Horticultural society and kindred organizations will hold their annual conventions in Minneapolis this week, beginning tomorrow and concluding Friday afternoon. Thursday evening there will be a banquet at the Y. W. C. A. building.

The sessions of the society will be held at the First Unitarian church, and the same building will accommodate the State Forestry association, the Beekeepers and the Woman's auxiliary.

At the horticultural convention the programme will consist of short practical talks on subjects of interest to the horticulturists, and among the speakers from abroad will be C. S. Harrison, of York, Neb.; Prof. A. T. Erwin, horticulturist of the Iowa experimental station, and G. C. Johnson, of Kansas City.

S. B. Deweller, of the federal bureau of forestry, will speak to the foresters Thursday afternoon on "Federal Aid for Tree Planters."

Wednesday afternoon the members of the Woman's auxiliary will be tendered an informal reception at the residence of Mrs. C. M. Loring.

Rochester (Minn.) Post-Record.
MONDAY, NOV. 28, 1904.

$1,000 FOR AN APPLE

THAT IS IF IT WILL FULFILL THE PECULIAR REQUIREMENTS OF THE HORTICULTURISTS.

The Minnesota State Horticultural society will hold its annual meeting in Minneapolis next week, at the First Unitarian church. The allied societies, the Minnesota Forestry association, the Minnesota Beekeepers' association, and the Woman's Auxiliary, will meet in the same building at the same time. The program is made up of series of practical talks on the latest phases of horticultural experiments and experiences. The meetings always attract a considerable attendance from neighboring states and among the visitors who will aid in the program this year are C. S. Harrison, York, Neb., Professor A. T. Irwin, horticulturist of Iowa experiment station, and G. C. Johnson, Kansas City. The Forestry association will have an address Thursday afternoon, by S. B. Detwiler of the United States Bureau of forestry on "Federal Aid for Tree Planters."

In addition to the usual exhibits and competitions there will be a special competition in seedling apples with a view of showing their keeping qualities. This is continued from last year. The prizes offered are in two classes and aggregate $100; $40 for early winter seedlings and $60 for late winter varieties. The prize money will be divided pro rata among the entries commended by the judges according to the comparative merit of each as a commercial fruit.

The seedlings competition is open to the western half of Wisconsin, the northern third of Iowa and all of North and South Dakota and Manitoba. The $1,000 prize is still being offered for a seedling apple tree described as "hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda."

The convention will open Tuesday morning and close Friday afternoon. On Thursday evening, the banquet will be held at the Young Women's Christian association. There will be a joint meeting with the Woman's auxiliary Wednesday afternoon, and with the Forestry association Thursday. Both of these meetings will be of unusual interest. On Wednesday morning the Woman's auxiliary will have a social reunion from 10 to 12 at the home of Mrs. C. M. Loring. The meetings of the beekeepers will be held Wednesday and Thursday. The meeting Wednesday evening will have a stereopticon lecture by Professor F. L. Washburn, state entomologist, and an address by Ernest R. Root of Medina, Ohio.

Lake City (Minn.) Sentinel.
WEDNESDAY, NOV. 30, 190

that no extra pay shall be received by the carriers regardless of the time consumed. The roads covered by the he Lake City carriers are all in good condition and fully meet the requirement s of the postoffice department.

Fruit Growers.

The Minnesota State Horticultural society has issued the program for the thirty-eighth annual meeting to be held in the city of Minneapolis, on Dec. 6, 7, 8 and 9. The meetings will be held in the First Unitarian church, and the fruit show will be in the basement of the church. The ladies auxiliary will meet at the same time and place, as will also the State Forestry association and the Minnesota Beekeepers' association.

A long and interesting program has been arranged for the various sessions. On Wednesday afternoon, at a joint session, Mrs. G. F. Benson, of this city, will read a paper on the "Description and Habits of the Blue Jay." At the closing session on Friday afternoon E. A. Smith, of the Jewell Nursery company, of this city, will read a paper on "The Making of a Successful Orchard."

The society has a total membership of 1,802, of whom 138 are life members. Efforts are being made to increase the membership to 2,500 this year. It is expected that a number besides the two on the program will attend from this city.

New Ulm (Minn.) Review.
WEDNESDAY, NOV. 30, 190

The state horticultural society is making an offer which will interest Brown county farmers and fruit growers. It offers premiums aggregating $100 for collections of flowers, grapes and apples; also special premiums of $40 for early winter seedlings and $60 for late winter seedlings. The offer of the society of $1,000 for a seedling apple tree "as hardy and prolific as the Duchess, with fruit equal to the Wealthy, in size, quality and appearance, and that will keep as long as the Malinda," still remains open.

1904

Morris (Minn.) Sun.
THURSDAY, DEC. 1, 1904.

State Horticultural Society.

The annual meeting of the Minnesota State Horticultural society will be held at the First Unitarian church, Minneapolis on December 6, 7, 8 and 9. D. T. Wheaton, vice president of the society for this congressional district will be in attendance and states that the meeting will be the largest in the history of the society. Horticulture is becoming a very important industry in this state, and the society is keeping pace with the growth of fruit raising. All the railroads will have special rates of a fare and a third on those days, and this will no doubt be an inducement to many to visit Minneapolis on those days, and if interested in horticulture to attend some of the sessions of the society, where all will be cordially welcomed.

Fairmont (Minn.) Independent
THURSDAY, DEC. 1, 1904.

AN APPLE WILL BRING YOU $1,000.

That is, It Will if It Fills the Requirements Longed for by the State Horticultural Society.

The Minnesota State Horticultural Society will hold its annual meeting in Minneapolis next week, at the First Unitarian church. The allied societies, the Minnesota Forestry association, the Minnesota Beekeepers association and the Woman's Auxilliary, will meet in the same building at the same time. The program is made up of series of practical talks on the latest phases of horticultural experiments and experiences. The meetings always attract a considerable attendance from neighboring states and among the visitors who will aid in the program this year are C. S. Harrison York, Neb., Prof. A. T. Irwin, horticulturalist Iowa experiment station, and G. C. Johnson of Kansas City. The Forestry association will have an address Thursday afternoon by S. B. Detwiler of the United States Bureau of Forestry on "Federal Aid for Tree Planters."

In addition to the usual exhibits and competitions there will be special comtition in seedling apples with a view of showing their keeping qualities. This is continued from last year. The prizes offered are in two classes and aggregate $100; $40 for early winter seedlings and $60 for late winter varieties. The prize money will be divided prorata among the entries commended by the judges, according to the comparative merit of each as a commercial fruit.

The seedling competition is open to the western half of Wisconsin, the northern third of Iowa and all of North and South Dakota and Manitoba. The $1,000 prize is still being offered for a seedling apple tree, described as "hardy and prolific as the Duchess, with fruit equal to the Wealthy in size, quality and appearance, and that will keep as well as the Malinda."

Here is an opportunity for our local nurserymen. The Amber Lake and the Fairmoint nursery people, if any one in the state is entitled to the $1,000 for good work, they are the men, and we believe if they get right down to business that they can propagate an apple that will be worth $1,000 to them and a great many thousands of dollars to the people.

Minneapolis (Minn.) Times.
SUNDAY, DEC. 4, 1904.

FRUIT GROWERS IN ANNUAL CONVENTION

Minnesota State Horticultural Society Will Hold Sessions This Week in Minneapolis.

The Minnesota State Horticultural society will hold its thirty-eighth annual meeting in the audience-room of the First Unitarian church, from Tuesday to Friday, inclusive. At the same time, and in the same building, the Minnesota State Forestry association, the Minnesota Beekeepers' association and the Woman's auxiliary will be in session.

A large exhibit of fruit and seedling apples will be held in the basement of the church, a premium of $100 being offered for the most meritorious. The membership of the societies is over 1,800 and the attendance will probably approach close to the full number.

The opening session will be held at 2:45 Tuesday forenoon. The president, Clarence Wedge of Albert Lea, will deliver his annual address. At this session there will also be papers by C. S. Harrison of York, Neb., on "Possibilities in Floriculture," and by T. T. Bacheller of this city, on "Garden Experiments." Wyman Elliot of this city will read a paper, entitled "Chop Talk. No. 3." Professor A. T. Erwin of the Iowa experimental station will speak on "Some Prairie Problems in Tree Planting," and Preston McCulley of Maple Plain will speak on "Ginseng Cultivation."

At the afternoon session, papers on similar subjects will be read by George W. Strand of Taylors Falls, Dewain Cook of Jeffers, R. A. Wright of Excelsior, Mrs. L Barton of Excelsior, R. L. Bailiff of Bloomington, Mrs. A. S. Hanson of Minneapolis, Professor F. L. Washburn of St. Anthony Park, H. H. S. Rowell of Excelsior and G. C. Johnson of Kansas City, Mo. Papers are limited to ten minutes for delivery.

Minneapolis (Minn.) Journal.
TUESDAY, DEC. 6, 1904.

HORTICULTURISTS TALK SHOP HERE

STATE SOCIETY IN SESSION IN MINNEAPOLIS.

President Wedge Tells of Progress of the Science in Minnesota—Prominent Authorities from Neighboring States Present Papers and Participate in Discussions—Exhibit of Fruit Attracts Interest.

About 150 men and women interested in horticulture were present at First Unitarian church this morning at the opening session of the Minnesota State Horticultural society. The convention will hold morning and afternoon sessions each day thru Friday and on Thursday evening the annual banquet will be held at the Y. W. C. A. building. In addition to a program overflowing with helpful papers and discussions on every phase of horticulture that interests this section, there is a large exhibit of apples and a small one of grapes.

There is new interest in the large number of entries of apple seedlings in competition for the special prizes. The list of judges will be announced tonight and they will begin work tomorrow morning. The committee on seedling fruits will report tomorrow afternoon, and the awards in the seedling competitions will be announced by the chairman, Wyman Elliot.

This morning the opening exercises included an organ solo by E. A. Smith, of Lake City, and an invocation by Rev. G. L. Morrill. The annual address of President Clarence Wedge dealt chiefly with the hopeful lines in which horticultural effort should be turned. In apple growing he found the principal problem in securing a hardier and better class of roots for a foundation. He urged continued experiments until apple roots should be found as safe and satisfactory as those of the plum.

Professor A. T. Irwin, of the Iowa experiemnt station, read a paper on "Some Problems in Orchards." He indorsed the statement of a noted horticultrist that the middle west must work out for itself a pomoloy distinctly its own on account of the peculiarities of its environment and conditions.

Preston McCulley's paper on "Ginsen Cultivation," provoked much discussion.

Wyman Elliot, in his "Shop Talk," said: "The Minnesota horticulturists already have the reputation of having produced more seedling varieties adapted to their climate than all the other states and Canada."

C. S. Harrison of York, Neb., gave an inspiring tal kon the possibilities of horticultural discoveries that shall be more valuable than great mines of gems. T. T. Bacheller gave a paper on "Garden Experiments."

Tomorrow's Program.

Tomorrow morning there will be a reception for the Woman's Auxiliary at the residence of Mrs. F. H. Barnard, 805 Seventh street SE, from 10 to 12 instead of at the residence of Mrs. C. M. Loring as announced in the program. Miss Margaret Evans, Mrs. Lydia Phillips Williams and Mrs. A. W. Rankin will speak briefly.

At the society meetings the morning will be given to the annual reports of officers and committees. A joint session with the Woman's auxiliary will be held at 3 p.m. The meetings of the Minnesota Beekeepers' association will begin in the morning in one of the smaller rooms at the church and continue in the afternoon and evening. Professor F. L. Washburn will give an illustrated lecture in the evening and Ernest R. Root of Medina, Ohio, will give an address.

FRUIT GROWERS OPEN CONVENTION

Prominent Horticulturists From Many States Gather in Minneapolis.

The thirty-eighth annual convention of the Minnesota State Horticultural society opened yesterday morning in the audience room of the First Unitarian church with an attendance of about 200, including not only representatives from all over the state, but a number from other states.

The morning session opened with an organ solo by E. A. Smith of Lake City and an invocation by Rev. G. L. Morrill, after which the president, Clarence Wedge, of Albert Lea, made his annual address. He spoke in glowing terms of the growth of horticultural work in advanced lines. He also spoke of apple growing in Minnesota, advising a more systematic effort in experimenting with the roots of apple trees in order to find a tree that will withstand the severe Minnesota winters.

C. S. Harrison of York, Neb., read a most interesting paper on "Possibilities in Floriculture," in which he urged his listeners to pay more attention to the cultivation of flowers, as they could be made a big money making business if properly attended.

Garden Experiments.

T. T. Bachellor had a paper on "Garden Experiments," in which he spoke particularly of potato raising. He suggested sending to Scotland next year for seed potatoes and making a change in the seed each year, which, if done, would increase the quality and crop of potatoes to a great extent.

"Some Prairie Problems of Tree Planting" was the subject of a paper read by Professor A. T. Erwin, horticulturist of the Iowa State Experimental station, and Preston McCulley of Maple Plain read a paper on "Ginseng Cultivation," which closed the morning session.

One of the most interesting papers of the afternoon session was read by Professor F. L. Washburn of St. Anthony park, whose subject was "The Plum Curculio a Foe of the Apple," a subject which is the study of every one attempting to raise apples in this state, as many hundreds of dollars' worth of apples are lost every year in this state through these little bugs, which are one of the many varieties of the weevil family through which the United States annually looses millions of dollars.

Mrs. A. S. Hanson of Minneapolis also had a very interesting paper on the "Flower Garden and Lawn in March and April." She advised attention to the lawn during the early spring as well as during midsummer. As for flower gardens she gave some excellent advice. She was strongly in favor of planting all seeds, even the hardiest, in hotbeds, early in April, transplanting them when the sun became warm enough for trees and wild flowers to sprout. Sweet peas, she said, should be planted as near the first day of April as possible.

Other papers were "The Apple Orchard in March and April," George W. Strand of Taylors Falls; "The Plum and Cherry Orchard in March and April," by Dewain Cook of Jeffers; "The Small Fruit Garden in March and April," by R. A. Wright of Excelsior; "The Vegetable Garden in March and April," by R. L. Bailiff of Bloomington; "My Experience in Spraying the Orchard," by H. H. S. Rowell, of Excelsior; and "Dust Spraying," by G. C. Johnson of Kansas City, Mo.

The committee on credentials reported the following representatives from outside the state, all of whom made brief, informal addresses: C. S. Harrington of York, Neb., of the Nebraska Horticultural society; Professor H. E. Erwin, of Storm Lake, Iowa, of the Iowa State Horticultural society; Professor C. B. Waldron of Fargo, N. D.; of North Dakota Horticultural society, which is a daughter of the Minnesota society and is but a year old; W. S. Kinkaid of Sioux Falls, S. D.; D. G. Williams, of Constance, Minn., representing the Constance Horticultural society and Mr. Carbine of Oregon.

The fruit room in the basement of the church is one of the most interesting features of the convention. There are apples of every description, nearly all of them seedlings too, and all grown in Minnesota. There is also a fine exhibit of grapes. T. E. Perkins of Red Wing, whose apple display at the world's fair at St. Louis took a gold medal, exhibited 200 varieties of apples, all of them grown from seed derived from the same tree and planted at the same time. This show is the result of a peculiar experiment. All the seeds from apples picked off a certain tree were saved and planted. The trees which resulted bore these various types of apples. Mr. Perkins explained that the bees bearing the pollen carry it from one tree to another in this way making each apple different. H. L. Crane of Excelsior showed some fine specimens of grapes and the Jewel Nursery had a fine showing of apples.

TODAY'S PROGRAMS.

The morning session today will be taken up with reports and will include.

Reports of vice presidents, Annual report of the executive board, Wyman Elliot, chairman, Minneapolis; annual report of secretary, A. W. Latham, Minneapolis; annual report of treasurer, A. B. Latham, Minneapolis; reports of superintendents of trial stations; reports of local societies; report of committee on permanent location; report of committee on packages and marketing; report of committee on ornamental list; Minnesota fruit exhibit at world's fair.

From 10 until 12 o'clock this forenoon there will be a reception or social reunion of the Ladies of the Horticultural society, including the wives of all members at the home of Mrs. M. M. Barnard, 805 Seventh street SE. There will be short talks by Miss Margaret J. Evans of Northfield, Mrs. A. W. Rankin and Mrs. Lydia Phillips of Minneapolis.

In the afternon at 1:30 there will be reports of the committee on the fruit list, the committee on seedling fruits, and the committee of awards on seedling apples, with a display of those receiving highest awards.

At 3:30 there will be a joint session with the Woman's auxiliary and the program will include:

President's Greeting,
Miss Emma V. White, Minneapolis.
Secretary's Report,
Mrs. Anna B. Underwood, Lake City.
The Girls Department of the Agricultural School and its Influence on the Home Life in the Country, Miss Catherine Comfort, Preceptress Girls' Department, Minnesota College of Agriculture.
"Fruit and Vegetables as a Food from the Hygienic Standpoint," Dr. Mary S. Whetstone, Minneapolis.
"Hospitality in the Home,"
Miss Margaret J. Evans, Northfield.
"Description and Habits of the Blue Jay,"
Mrs. G. F. Benson, Lake City.

The Minnesota Bee-Keepers' association will open their sixteenth annual meeting tomorrow morning in connection with the horticultural meetings. The program for the day is as follows:

9:30 O'CLOCK.

Invocation,
Rev. J. H. Kimball, Duluth.
Bee-Keepers' Reunion Song,
G. W. York, Chicago, and Ethel Acklin, St. Paul.
Reading of the minutes.
Report of executive committee.
Reports of special committees.
Reports of officers.
Receiving communications and bills.
"Some Things I Have Learned About Bee-Keeping,"
H. V. Poore, Bird Island.
"How to Increase Your Bee Pasturage,"
Fred A. Krause, Ridgeland, Wis.
"Diseases of Bees and Legislation Pertaining Thereto,"
William McEwen, Minneapolis.
Question Box.

1:30 O'CLOCK.

Song,
W. S. Wingate, Minneapolis.
"Poultry as an Adjunct to Bee-Keeping,"
Victor D. Ganeday, Taylors Falls.
"Bee-Keeping as an Occupation,"
J. H. Kimball, Duluth.
Song, "Hum of the Bees in the Appletree Bloom,"
Ethel Acklin, St. Paul.
President's address,
Dr. E. R. Jacques, Robbinsdale.
"Insuring Bees,"
C. H. Harlan, Mora.
Song, "Dot Happy Bee Man,"
G. W. York, Chicago.
Ethel Acklin, Accompanist.
Question Box.

7:30 O'CLOCK.

Stereopticon Lecture,
F. L. Washburn, A. M., State Entomologist, 25 minutes, Ernest R. Root, Medina, Ohio, balance of the evening.
Bagpipe Selection,
William Russell, Minnehaha Park.
Scotch Dance,
Miss Jessie Baker, Minneapolis.

Minneapolis (Minn.) Journal.
WEDNESDAY, DEC. 7, 1904.

The Minnesota fruit growers are in town telling of their remarkable yields of bananas this year.

Minneapolis (Minn.) Journal.
WEDNESDAY, DEC. 7, 1904.

SOCIETY GROWS IN EVERY WAY

HORTICULTURISTS HEAR ENCOURAGING REPORTS.

State Society Has a Membership of 1,800—Members Tell What the Organization Has Done for Them—Judges Busy Deciding on Relative Values of Fine Fruits Displayed.

Yesterday's late proceedings of Horticulturalists on page 8.

The annual reports of the Minnesota Horticultural society occupied the forenoon today and extended over into the afternoon. The vice presidents are expected to keep in touch with the horticultural interests of their territory and to report conditions. C. W. Merritt of Winona reported the largest crop of fruit ever known in his district.

David Secor of Winnebago City, reported that despite a hard winter, the apples on the fruit list of the society passed thru safely.

A. H. Reed of Glencoe credited his knowledge of how to grow apples successfully to thet raining of the society.

A. B. Lyman, in reporting for the fifth district, told of the fine record still being made by the Gideon orchard at Minnetonka. W. L. Taylor of Howard Lake reported for the sixth district.

Society Gains 370 Members.

A. W. Latham, in his secretary's report, gave the membership of the society as 1,800—a gain of 370. Of this number, 180 belong to the North Dakota society, auxiliary to Minnesota.

1904.

Other new auxiliary societies are the McLeod County and Red River Valley societies. The South Dakota society dropped out during the year. The main corps of the farmers' institutes has no horticulturist, but the society has been assured that this year a satisfactory man will be provided.

Reports were given by the following superintendents of trial stations: Thomas E. Cashman, Owatonna; O. M. Lord, Minnesota City; A. B. Lyman, Excelsior; L. R. Moyer, Montevideo, and J. S. Parks, Amboy.

The speakers on the joint program with the Woman's auxiliary were Presidents Emma V. White, Mrs. Anna B. Underwood, secretary; Miss Catherine Comfort, Dr. Mary S. Whetstone, Miss Margaret J. Evans, and Mrs. G. P. Benson.

Minneapolis (Minn.) Journal.
THURSDAY, DEC. 8, 1904.

gain.

Don't miss it. Minnesota's great fruit exhibit at First Unitarian church, Eighth street and Mary place, today and Friday. Exhibit is free to everybody. Come and see what Minnesota can do growing apples.

Minneapolis (Minn.) Journal.

MINNEAPOLIS JOURN

WOULDN'T CHANGE AN APPLE'S NAME

THE PETER AND THE WEALTHY LIKE AS TWO PEAS.

Even an Expert Couldn't Tell Them Apart, but the Minnesota Horticulturists Refuse to Rectify Mistake That Had Been Made—Fall Work Is Subject of Discussion.

Sentiment is stronger than science among the Minnesota horticulturists. Theoretically they are agreed that confusion in nomenclature is unfortunate and should not be countenanced, but when an attempt was made to rectify a mistake of this kind concerning Peter Gideon's apples, they refused to do it by an almost unanimous vote.

At the morning meeting at First Unitarian church, Arthur Brackett of Excelsior, proposed striking off from the fruit list of the society the Peter apple on the ground that it is identical with the Wealthy, for all practical purposes. This aroused a storm of protest, altho the protestants generally agreed with Mr. Brackett's statement of the close resemblance, making it difficult, if not impossible, to distinguish the varieties.

Wyman Elliot, apple expert, held that there was a difference, and he thought he could distinguish it. He was promptly put to the test, as Mr. Brackett had brought specimens to support his argument. To the great amusement of the assembly Mr. Elliot was unable to pick out the Peter as he had thought he could.

Minneapolis (Minn.) Journal.
THURSDAY, DEC. 8, 1904.

PROMINENT HORTICULTURISTS VIEW THE APPLES



From Left to Right—Mr. Hawkins of Austin, representative of the Southeastern Minnesota Horticultural society; J. A. Howard, Wyman Elliot, A. J. Phillips, Prof. N. S. Hansen of Brookings, S. D.; W. L. Taylor, Fred Cowles, Seth Kenney, J. S. Parks, C. E. Older, Charles Williams and J. P. Andrews.—Photo by A. S. Williams.

The morning program was a consideration of the work of horticulturists in September and October. The paper of J. P. Andrews of Faribault on "The Apple Orchard" started a discussion of the relative merits of spring and fall pruning that became almost acrimonious. "The Plum and Cherry Orchard" was discussed by Frank Yahnke of Winona and Gust Johnson of Excelsior told what to do in the vineyard.

Mrs. N. S. Sawyer of Excelsior said that the flower garden can be a wealth of bloom all thru September, and need not be entirely bare until killing frosts in November if given continued attention. Many of the summer flowering plants continue blooming, and many other good varieties just come into bloom with cool weather. She also gave directions for fall planting of herbaceous plants, shrubs and vines, the care of bulbs and roots and the cultivation of perennials. She advised mass planting of a few varieties rather than single specimens, except in the border.

S. D. Richardson gave his experience with plum pocket, and O. C. Thompson described the proper location of a new farm home, giving explicit directions for the shelter belt of trees.

Obituary notices were read of W. S. Dedon of Taylors Falls, L. M. Ford of San Diego and Jacob W. Manning of Reading, Mass., father of Warren Manning, the landscape architect.

In the seedling competitions $40 was divided between the competitors in early winter apples, and the same amount for late winter apples. In the early apples A. B. Lyman's Evelyn, which won the competition last year, received 95, the highest percentage this year. Three apples were scored 75, the Sweet Seedling of the S. A. Alling company, the Eureka of A. J. Phillips and a seedling raised by J. A. Howard. The highest scoring of the late seedlings was 80, given to No. 72, belonging to T. E. Perkins; Mrs. D. E. Akin secured second, her Russet Seedling being rated at 75. J. A. Howard, A. B. Lyman and A. J. Phillips each had seedlings scored at 70.

This evening the Minnesota Horticultural society will hold its annual banquet at the Young Women's Christian association, 87 Seventh street S. Tomorrow morning and afternoon programs on orchard topics will be given.

Beekeepers Finish Session.

The Minnesota Beekeepers' association closed its convention this afternoon. The papers this morning were on "Late Feeding," by A. D. Shepard, River Falls, Wis.; "Selling Honey Thru Grocers," G. W. York, Chicago; "Size of Hive Relative to the Honey Flow." This afternoon E. R. Root of Medina, Ohio, gave a talk and there were several papers read. The election of officers closed the business.

Albert Lea (Minn.) Times.
FRIDAY, DEC. 9, 1904.

Clarence Wedge has been in attendance at the winter meeting of the state horticultural society at Minneapolis this week. It is the largest horticultural organizatiou in the United States and it is a high tribute to our Freeborn county man that he has been twice elected president of the society and has for many years been one of its principal members and moving spirits.

The Young Men's Association of

Glencoe (Minn.) Register.

FORM A NEW SOCIETY

One Was Formed in Glencoe Last Monday and Will Be Known as the McLeod County Horticultural Society—Organization Has a Large Membership.

At last, after several ineffectual efforts on the part of the leading citizens of McLeod county interested in the subject of horticulture, an association has been formed called "The McLeod County Horticultural Society." It is "auxiliary to the Minnesota State Horticultural Society." "The object of this society shall be to promote pomology, horticulture, arboriculture, to disseminate information concerning the propagation and cultivation of such fruits, flowers and trees, both deciduous and evergreen, as are adapted to the soil and climate, and to encourage the improvement and beautifying of homes in McLeod county and vicinity."

To further this organization, November 22nd last a meeting of citizens interested was held. At that meeting a committee consisting of H. Wadsworth, A. H. Reed and L. E. Austin were appointed to draft a constitution to be acted upon at a meeting called by the committee later. Sach a meeting was called to be held in the Commercial club rooms Dec. 5th at 2 p. m. A goodly number were present of people of the county interested in the formation of the society; the report of the committee on drafting a constitution was received and accepted, and the constitution it had drafted was read article by article and adopted, and the following officers were elected for the ensuing year: H. Wadsworth, president; J. H. Dorsey, vice president; L. W. Gilbert, secretary; J. H. Albers treasurer; and an executive committee of five, consisting of the above named officers and L. E. Austin. Directors for the different towns of the county were chosen as follows: A. H. Reed for Glencoe, Moody Holcomb for Bergen, Daniel Kennedy for Hassan Valley, J. S. Jerabek for Hale, Henry Bierman for Helen. Directors for the other towns of the county will be chosen later.

Delegates to the State Horticultural society meeting to be held Dec. 6, 7 and 8 were chosen to represent this organization at that meeting—A. H. Reed, Daniel Kennedy and C. M. Tifft.

Now with energy and push, such as the officers and directors of this society possess, properly exerted, the McLeod County Horticultural society thus auspiciously born, can be made a mighty factor in promoting the growth of trees, fruits and flowers in the garden spots of Minnesota and McLeod county and making the landscapes yet more beautiful, to the eyes of her citizens who take pleasure in adding to their constantly increasing esthetics.

Minneapolis (Minn.) Journal.
FRIDAY, DEC. 9, 1904.

WAS A SOCIAL SUCCES.

MINNESOTA HORTICULTURAL SOCIETY HOLDS BANQUET AT Y. W. C. A. ROOMS—FORESTRY ASSOCIATION JOINS ORGANIZATION.

The banquet of the Minnesota Horticultural society was held at the Young Women's Christian association dining-room last night, and 125 guests were present. Clarence Wedge, president of the society, acted as toastmaster, and announced the following program: Professor F. L. Washburn of St. Anthony Park, on "The Humbug; Its Life History in the Minor Key"; Thomas Cashman of Owatonna, "Life a Delusion from the Standpoint of a Nurseryman"; A. G. Long of Excelsior, "The Incompatability of the Inexorable, or Thereabouts"; Professor George Innis of Hamline, "Education in Fruit Culture"; Dewain Cook of Jeffers, "Where I Fell Down, Told in Strict Confidence"; Frank Yahnke of Winona, "The Boy, the Bulldog and the Apple Tree, a Fruitful Combination"; Wyman Elliot of Minneapolis, "How Accumulating Years Stimulate the Memory, a Glance at the Past."

Mrs. Ray Fillmore sang a group of songs, Miss Bessie McKean recited "A Telephone Romance," and Mrs. William Robertson gave a clever "Biography in Song."

All of the officers of the association except the vice presidents were re-elected yesterday afternoon. They are, Clarence Wedge, president; A. B. Lyman, treasurer; A. W. Latham, secretary; J. P. Andrews and L. R. Moyer, members of the executive committee. The following vice presidents were elected: P. Parkhill of Chatfield, Fred Mohl of Adrain, J. F. Benjamin of Hutchinson, W. J. Tingley of Stillwater, J. O. Wild of Mount, W. H. Eddy of Howard Lake, G. A. Anderson of Renville, F. B. McLeran of Wreaxhall and L. Johannessohn of Beltrami.

At the joint session of the Minnesota Forestry association, held yesterday, with the horticultural society, the forestry representatives voted unanimously, to become affiliated with the horticultural society. The proposition to unite was made by Professor S. B. Green, who expressed the belief that more effectual work could be done by united action. As an auxiliary the forestry association will still keep up a separate organization and it elected the following officers: President, C. M. Loring; vice president, S. M. Owen; executive committee, Wyman Elliot, S. B. Green, Conde Hamlin, O. C. Gregg and A. W. Latham.

Minneapolis (Minn.) Journal.
FRIDAY, DEC. 9, 1904.

Woman's Auxiliary in Session.

The Woman's Auxiliary of the Minnesota State Horticultural society held its business meeting yesterday afternoon and re-elected the following officers: President, Miss Emma V. White, Minneapolis; vice president, Mrs. Jennie Stager, Sauk Rapids; secretary, Mrs. Anna B. Underwood, Lake City; treasurer, Mrs. L. R. Moyer, Montevideo. A committee was appointed to secure a better observance of arbor day. A protest was passed against the introduction of the word sex in the electoral clauses of the statehood bills, providing for the admission of Oklahoma and Arizona.

Minneapolis (Minn.) Journal.
FRIDAY, DEC. 9, 1904.

MINNEAPOLIS JOURNA

PUT IN THE DAY IN THE ORCHARD

HORTICULTURAL SOCIETY DISCUSSES FRUIT TREES IN EXTENSO.

C. M. Loring Offers a Prize of $100 for a Plum, of Which the State May Justly Be Proud—Cedar Bird Identified as an Orchard Enemy, a Blossom Eater.

Yesterday's late proceedings of the Horticultural society on Page 12.

The Minnesota Horticultural society brought its annual convention to a close this afternoon. The program had to do entirely with the orchard. In the report on the president's address special attention was given to his statement that the plum is capable of great improvement, and his recommendation that a prize of $100 be offered for the production of a fine plum, larger and firmer than any existing varieties.

The recommendation was adopted and C. M. Loring offered to give the $100 prize, but wished the standard set high enough to secure a plum of which the state might be proud. Details for the competition were referred to the executive committee.

The principal discussion was on the care of orchards. This followed the paper of Eli Stone of Excelsior, who described his Duchess orchard, which is a second growth and very productive.

C. A. Howard of Hammond described his apple storagehouse. Emil Sahler of Waseca exhibited a bird that he found last spring eating the blossoms of his appletrees.

It was identified as a cedar bird.

"Plant Breeding as a Practical Pursuit" was treated by C. P. Bull of St. Anthony Park. He believed this pursuit more fascinating and profitable than in any other branch of agriculture and worthy of any man's thought and attention, either for profit or pleasure. Plant-breeding, he said, has been removed from the realm of chaos to that of science.

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Professor N. S. Hansen of Brookings, S. D., gave a series of notes on fruit breeding. This afternoon the following papers were on the program:

"Starting an Orchard on a Minnesota Prairie," J. L. Tiegland; "Why Some Orchard Trees Do Not Bear," Professor William Robertson, St. Anthony Park; "The Making of a Successful Orchard," E. A. Smith, Lake City; "The Wealthy as a Parent of Seedlings," A. B. Lyman, Excelsior; "Trimming the Orchard," S. H. Kenney, Waterville; "Winter Care of Fruit Trees," J. V. Wichler, Owatonna.

Minneapolis (Minn.) Progress.
SATURDAY, DEC. 10, 1904.

Mr. Grey was held in high esteem.

State Horticulturists.

The thirty-eighth annual meeting of the Minnesota State Horticultural Society, in Minneapolis this week had large attendance and the display of fruit was the best ever known, over 1,000 plates being exhibited. Interesting sessions were held for four days, closing yesterday.

MINNESOTA FIRST IN FRUIT.

Minnesota won not only the grand prize for fruit exhibits but also 81 medals for individual fruit exhibits, including thirtyfive medals for apples. The showing of Minnesota fruit was unexcelled and universally admired and commended.

The exhibit made this week by the State Horticultural meeting in Minneapolis is additional evidence of Minnesota's progressive position as a fruit raising state. The Horticultural society has 1,800 members, being the largest organization of the kind in the world, and is doing more than any other society of its kind to promote fruit interests. More than 1,000 plates of apples was shown at the meeting which was open to the public and elicited surprised and favorable comment.

M'p'l's (Minn.) Farm, Stock & Home
THURSDAY, DEC. 15, 1904.

price.

Horticulturalists in Session.—This number goes to press so soon after the close of the Minnesota State Horticultural Society's winter meeting that even an adequate summary of its proceedings cannot be published in it. But as this is written the convention is in full swing, is largely attended and its discussions are as full of instructive experiences and illuminating demonstrations regarding the growing of fruits as ever. The usual exhibition of fruits is of more than usual excellence, and is a beautiful and sweet odored testimonial to the practical and effective work this society has been engaged in for many years, is still prosecuting, and with more enthusiasm and greater vigor than ever.

The society members have occasion to be delighted with the record made by Minnesota fruits at the late St. Louis fair. The state took the grand prize for collective exhibit of fruits. F. E. Perkins took a gold medal for his exhibit of seedling apples. J. A. Howard was awarded a gold medal on apples and plums, and a like award went to the Jewell Nursery Co. for its exhibit of fruits of all kinds, and nearly eighty other medals, gold, silver and bronze, went to individual growers of tree and vine fruits, making a list too long for reproduction here. Its fruit exhibit at St. Louis was the best advertisement of itself that this state had there, for where such fruits grow there can be no doubt about adaptability to general agriculture.

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Albert Lea (Minn.) Tribune
SATURDAY, DEC. 10, 1904.

served free.

The State Horticultural society knows when it has a snap and has again chosen Clarence Wedge its president. Mr. Wedge has no superior in the fruit raising business in the northwest and he honors the office.

Omaha (Neb.) Farmer. 2/2/05

to extra large size.

Minnesota's Offer.

Professor Green, the well known horticultural authority of the University of Minnesota, said that Minnesota is proud of the fact that she originated the luscious Wealthy apple and the highly profitable Florence crab. These two contributions to horticulture should make Minnesota famous. Nor is this all. The Minnesota Horticultural Society has at the present time a standing offer of $1,000, open to the world, for the best new variety of seedling apple which shall combine the desirable points of the Wealthy, the hardihood of the Duchess, and the long keeping qualities of the Malinda. There have been forty-two entries made so far from ten states in competition for the $1,000 premium. This offer is open to all Nebraskans and should spur her horticultural experts to greater efforts.

The election of officers for the ensuing year resulted as follows: President, G. S. Christy, Johnson; first vice president, W. A. Harrison, York; second vice president, E. M. Pollard, Nehawka; secretary, L. M. Russell, Lincoln; treasurer, Peter Younger, Geneva; board of directors. W. G. Swan, Tecumseh; Charles Saunders, Omaha; C. H. Green, Fremont.

FRANK G. STEPHENS.

St. Paul (Minn.) Pioneer Press.
SATURDAY, FEB 18, 1905.

MONEY FOR HORTICULTURE.

Standing Appropriation for State Society.

A standing appropriation of $3,000 a year for the Minnesota Horticultural society is provided for in a bill introduced in the house yesterday by Representative W. W. Bardwell.

The appropriation for the society is now made each session of the legislature and for the past two years has been $2,000 a year.

St. Paul (Minn.) Globe.
SATURDAY, FEB. 25, 1905.

Horticultural Bills Favored

W. W. Bardwell's State Horticultural society bills were before the house committee on agriculture yesterday. The bill appropriating $3,000 for the publication of the society's reports was agreed to. The bill making a standing appropriation for the expenses of the society of $3,000 a year was cut to $2,000, and then recommended for passage.

St. Paul (Minn.) Pioneer Press.
SATURDAY, FEB. 25, 1905.

...constitution.

Money for Horticulture.

Two bills by Representative W. W. Bardwell of Minneapolis, making standing appropriations for the state horticultural society, will be recommended to pass today by the house committee on agriculture. One measure makes an appropriation of $3,000 for binding and printing annual reports, and the other $2,000 a year for the publication of monthly bulletins and experimental work. The total increase as compared with the appropriation for the past two years is $500 a year.

Minneapolis (Minn.) Progress.
SUNDAY, FEB. 25, 1905.

HORTICULTURAL SOCIETY NEEDS.

Minnesota has in the State Horticultural Society, the largest horticultural organization in the world, and it is doing a grand work in the development of fruit culture in the Northwest. It has been receiving a little state aid for the circulation of its literature, the work of the society and its members being entirely gratuitous, but the growth of the society has been so great that a larger appropriation is needed.

Speaking of the society's needs, Secretary A. W. Latham says: "Our needs are; first an increase of 1,000 volumes in the printing of our reports, and second an increase of $1,000 in our annual appropriation. There has been heretofore 4,000 volumes of our reports printed, and we are now asking for 5,000. Our supply is so limited, with the large membership, that we have not had the copies to spare the past two years to furnish them to many public officers, libraries, etc., even, as required by law to do. Our annual appropriation has been $2,000, and we are asking now for $3,000. Both the Wisconsin and Iowa societies, with a small membership, receive $4,000 each. An increase of this amount would enable the society to occupy suitable offices, offer larger premiums, do more experimental work, etc."

The Minnesota State Horticultural Society has now about 1,600 members, and by the close of the year will probably have 2,000 members. Before the legislature meets again, the society's membership will probably be 2,500. These members are unselfishly cooperating for the advancement of fruit interests. Thru their efforts, Minnesota is becoming an apple state and gaining millions in horticultural wealth. Pomological honors have been won by the state in national and international competitions, and much of this success is due to the organized efforts of the Horticultural Society, whose founders and early members were the pioneer fruit-growers of the Northwest. The small sum asked of the state is insignificant in comparison with the value of the educational work which will enable the society to do, in its distribution of horticultural information.

THE THIRTY-EIGHTH ANNUAL MEETING OF THE MINNESOTA STATE HORTICULTURAL SOCIETY.

The writer attended this gathering a year ago, and had an opportunity to visit them again this year. He is a life member of the society. Settling on the frontiers of Minnesota in '57, neither he nor anyone else could possibly forecast the splendid triumphs of horticulture. A more heroic band of men never lived. At first they planted eastern trees, and every one of them died. Then they tried hardy trees on common roots, but Old Boreas would knock the foundation out. Then they built up a new race from the foundation. I have attended many horticultural societies, and have seen some fine displays, but never saw a choicer collection of fruits than were placed on exhibition there. The writer is a member of the Nebraska State Horticultural Society, and also of the Massachusetts Horticultural Society, but deems the Minnesota society the best by far, of all. Just think, it has a membership of 1,800, and will probably make it 2,000 by another year.

The cause of the unparalelled success is owing to the secretary, Mr. Latham, who is putting his very life into that of the society. He is a quiet man, but always at it. In some way he transmits his own magnetic influence to the members, and all act as one. I never knew a society with so many members of diverse characteristics, so harmonious—all efforts fused into a splendid whole—and all intent on the one supreme object of making Minnesota a fruit growing state.

Some Interesting Features.

First comes the address of the gentlemanly and intelligent presiding officer, Clarence Wedge, of Albert Lea. His address sweeps a broad field and opens the subjects to be discussed. It give one point which cannot be emphaized too much.

"In planting trees, beware of getting those that are foreign to our conditions. White spruce is a success in Minnesota. But be careful where you get them." He spoke of having four batches of them; one from the Black Hills was fine, and did well. Those from northern Minnesota came next. Those from the east—seed probably from Maine or New Hampshire—were a failure, while those from Europe were worse than a failure. That simple warning ought to be worth thousands to the tree planters of the west.

One feature of the meeting worthy of imitation was the welcome given to the "Ladies' Auxiliary Society." Wednesday afternoon was turned over to them, and they certainly knew how to fill up the time. Several ladies made addresses, which were well received.

Thursday afternoons of every session are given to the State Forestry Society. The horticultural society suspend their meetings and give way to this. Instead of trying to crowd out or freeze out this organization as in some cases we know of, every courtesy was extended and every facility was given so they could have the best time possible. The forestry meeting, presided over by President Loring, was a lively, wide-awake meeting from start to finish.

The Banquet.

This is a prominent feature in the society's program. Thursday night is given to this. Tickets are 75 cents, and about 125 attend. They have a lively time. Wit and humor flow freely, and now and then some wisdom is thrown in. I have attended and participated in the exercises of two of these banquets and I must say they have much to do in developing the social side of the society, and in bringing the members closer together.

The Agricultural College.

I think this is among the best. Others may have a larger attendance. For two years I have been called on to address the students. The hearty welcome of this visit was inspiring. There were hundreds of young men and women from the farm educating themselves to live on and improve the farm instead of drifting cityward to pack themselves away like sardines within brick walls, and then struggle for a livelihood. We hope the time will soon come in our own state when hundreds of boys and girls from the farms will learn the advanced methods of agriculture and home making. We are gaining rapidly.

Prof. Green of the horticultural department has been secured to give one of the leading addresses, one evening, before our affiliated societies in our great society week in Lincoln. We secured him because he is at the front and knows how to talk and tell what he knows. Many of our best scientists are not enthusiastic speakers. Prof. Green has a clear, ringing voice, and there is a man behind it who knows what he is talking about.

C. S. HARRISON.

IOWA DRAINAGE CONVENTION.

The second annual drainage convention has been called to meet at the Iowa State College, Ames, January 13 and 14, 1905.

A year ago a state-wide interest was aroused in regard to the drainage problem in Iowa. As a result a new drainage law was enacted and scores of important co-operative drainage propositions have been started. In a state where it is definitely known that the annual loss to land owners in each of many counties is four or five times as much as the total running expenses of the county, there is an urgent demand for continued effort in behalf of better and more extensive drainage.

Iowa farmers and county and state officials are urged to attend the drainage convention next January and aid in this important work which is so closely allied with the advancement of Iowa's agricultural interests.

C. G. Elliott, government expert, will speak particularly to county supervisors and engineers. His subject is "Drainage Claims and Equitable Assessments in Drainage District Work."

Prof. A. Marston, of the College of Engineering, will present a most valuable paper on "The Importance of Drainage in Good Roads Construction"; Hon. R. M. Wright, of Ft. Dodge, will address the convention on the "New Drainage Law," and many other well known speakers will help make the program of unusual interest.

Every owner of wet land, every county supervisor, county auditor and county engineer in Iowa should make definite plans to attend the state drainage convention Friday evening, January 13, and Saturday, January 14, 1905. PROF. W. H. STEVENSON, Secretary-Treasurer.

Minneapolis (Minn.) Progress.
SATURDAY, MARCH 11, 1905.

Prizes For New Fruits.

The latest number of the Minnesota Horticulturist which is the official organ of the Minnesota State Horticultural Society, appears the announcement of a prominent Minnesota nursery firm who offer a cash prize of $1000.00 each for a new plum and a new cherry which shall meet certain requirement as to size and quality and prove hardy enough for successful culture in Minnesota and adjoining states. Minnesota has already taken a prominent position in the creation of hardy apples, as witness the famous Wealthy variety which originated near Minneapolis.

At the recent meeting of Wisconson State Horticultural Society, leading horticulturists expressed the belief that a plum equal in size and quality to Japanese and European varieties could be produced by hybridization with our native plums. The well known hybrid between the plum and cherry recently introduced as the Compass Cherry proves that there is a great field for further improvement in that direction. All of the improved varieties of fruits have originated with individual growers and experimenters.

Here is an opportunity for our horticultural friends to compete for a worthy and legitimate prize. Interested parties should write The Jewell Nursery Co., Lake City, Minnesota, for particulars. This nursery was established in 1868 by Dr. P. A. Jewell and has a reputation for reliability.

St. Paul (Minn.) Dispatch.
MONDAY, MARCH 21, 1904.

FRUITS FOR PLANTING.

Horticultural Society Recommends Certain Varieties for Minnesota.

The Minnesota Horticultural society has prepared the following list of fruit varieties which are desirable for planting in Minnesota:

APPLES.

Of the first degree of hardiness: Duchess, Hibernal, Charlamoff, Patten's Greening.

Of the second degree of hardiness: Wealthy, Lonfield, Tetofsky, Malinda, Okabena, Peerless.

Varieties for trial: Repka Malenka, Varieties for trial: Sweet, Raump, Brett, Anlem, Yellow Sweet, Scott's Winter, Northwestern Greening, Scott's Winter, University, Newells, Lowland Raspberry, Chelline, Iowa Beauty, Jewell's Winter, Yahnke.

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Valuable in soce localities: Wolf River, McMahon, Yellow Transparent.

CRABS AND HYBRIDS.

For general cultivation: Virginia, Whitney, early Strawberry, Minnesota, Sweet Russet, Gideon No. 6, Briar Sweet, Florence, Transcendant.

Varieties for trial: Lyman's Prolific, Faribault, Shields.

PLUMS.

For general cultivation: Desoto, Forest Garden, Cheney, Wolf, Rollingstone, Wyant, Surprise.

Most promising for trial: Ocheeda, New Ulm, Stoddard, Mankato, Aitkin, Brittlewood, Compass Cherry.

GRAPES.

In order of ripening: Beta, Moore's Early, Janesville, Brighton, Delaware, Worden, Agawam, Concord.

RASPBERRIES.

Red varieties: Turner, Marlborough, Cuthbert, Brandywine, Loudon, King.

Black and purple varieties: Ohio, Palmer, Nemaha, Gregg, Older, Columbian, Kansas.

BLACKBERRIES.

Ancient Briton, Snyder, Badger.

CURRANTS.

Red Dutch, White Grape, Victoria, Stewart, Long Bunch Holland, North Star, Pomona, Red Cross.

GOOSEBERRIES.

Houghton, Downing, Champion, Pearl.

STRAWBERRIES.

Perfect varieties: ederwood, Enhance, Lovett, Splendid, Mary, Clyde, Senator Dunlap.

Imperfect varieties: Crescent, Warfield, Haverland.

NATIVE FRUITS.

Valuable for trial: Dwarf Juneberry, Sand Cherry, Buffalo Berry.

have equal chances in all the general classifications, the only exception to this rule being in the "Farm Exhibits" and "Market Gardeners' association" classes. Only farmers can enter the former and only market gardeners' associations in the latter. As there are only two market gardeners' associations in the state, those of Hennepin and Ramsey counties, the premiums offered are a direct gift to these organizations as it is obvious that one of them must of necessity take "first" and the other "second."

There are usually ten or a dozen counties in the competition for the big county exhibit prizes. These have nothing to do with the "Farm exhibits" and "Market Gardeners' association" exhibits, as they are in a different class and do not come into competition with the other two.

About 400 premiums are offered for individual vegetables and the competition is so strong that few of the offers fail to be met by entries of meritorious products.

This year J. M. Underwood, of Lake City, an expert in all that pertains to vegetable life, is superintendent of the agricultural division of the state fair, and he is making preparations for a record-breaking exhibition in the matter of quality—as to quantity, it has been a matter of finding space for exhibits offered for several years.

Minneapolis (Minn.) Tribune.
DEC 2, MAY 15, 1905.

STATE FAIR IS GROWING

NEW HORTICULTURAL BUILDING IS NOW NEEDED.

Exhibits Almost Reach Limits of Present Quarters, and Larger Building or Separation of Classes Must Soon Be Considered.

A new horticultural building on the state fair grounds is one of the things which will have to be taken up within a year or so in the opinion of the managers. Not long ago the agricultural and horticultural divisions of the fair were housed in one small building, that now used for the women's department. Four years ago the great agricultural hall was erected. But the agricultural exhibits have so increased in number that the fruit is likely to be soon crowded out.

In recognition of the great increase in attention to vegetables and grains the managers of the fair have this year added largely to the premiums offered in the agricultural division. Not only have the detailed premiums for single varieties been overhauled and brought up to date, but some fifteen "lots" have been added.

For instance, $70 is offered for the best collection of potatoes; $100 for the best collection of corn; and $50 for the best collection of small grains. These are all new offers. Last year's $100 offer for the best general collection of vegetables (with $25 extra to the three exhibitors standing first, second and third); the $2,000 for county exhibits; the $125 for farm exhibits; the $225 for market gardeners association exhibits, all these stand as before. The mushroom premium has been increased from $50 to $75.

There is no limitation on exhibits except that the products shown must be grown in Minnesota. Farmers and gardeners, both amateur and professional,

Mpls Times
June 7, 05.

STATE HORTICULTURISTS WILL MEET ON JUNE 21

Regular Summer Meeting Will Be Held at State Experiment Station, St. Anthony Park.

The regular summer meeting of the Minnesota State Horticultural society will be held in Armory hall at the Minnesota state experiment station, St. Anthony Park, on Wednesday, June 21. This date is set to bring the meeting as near as possible at the time when the strawberry crop in this vicinity is at its best.

The show of flowers at the summer meeting is a very interesting feature of the occasion. Roses are mature at about the date set, and if peonies, for which special prizes are offered also, are a little late, the blooms can be kept in cold storage without any difficulty for exhibition at that time. Premiums are also offered for bouquets of perennial flowers.

The day will be given up largely to festivity and sociability.

A basket lunch for members of the society and adult members of their families will be spread in Armory hall at 12:30 o'clock. The lunch is made up almost entirely from the contributions of those who attend. Strawberries will be furnished for the table from those having been placed upon exhibition, to be used immediately after judging the fruit.

No special program has been prepared for the afternoon session, which will begin at 2 o'clock and end at 3:30. It will be, as last year, a strictly impromptu program, and the time will be taken up with the display of fruits and flowers by the exhibitors, and talks in regard to the articles exhibited. A special opportunity will be given for asking and answering questions, and experience shows that this method of conducting this exercise makes the occasion a very entertaining and profitable one. Practical thoughts on any horticultural subject will also be in order for presentation from any one present.

Minneapolis (Minn.) Times
THURSDAY, JUNE 8, 1905.

HORTICULTURAL SOCIETY TO HOLD SUMMER MEETING

The regular summer meeting of the Minnesota State Horticultural society will be held at the Minnesota state experimental station, St. Anthony Park, Wednesday, June 21.

A basket lunch will be served at noon in Armory hall and an impromptu program will be given between 2 o'clock and 3:30. Carriages will meet the Como Harriet cars at Commonwealth avenue from 9:30 in the morning to 1:30 in the afternoon to carry the visitors to the grounds, one-half mile distant.

The strawberries on exhibtion will be served for luncheon.

Minneapolis (Minn.) Journal.
SUNDAY, JUNE 19, 1905.

ALBERT LEA, MINN.—Clarence Wedge, president of the State Horticultural society, and Miss Mary B. Cutler were married at the home of the bride's mother in Decorah. They have gone on a wedding tour to the Pacific coast and will visit the Portland exposition and relatives and friends in Spokane and Seattle, expecting to return here to reside in about five weeks.

St. Paul (Minn.) Pioneer Press.
TUESDAY, JUNE 20, 1905.

help us if they will.

FRUIT GROWERS MEET

HORTICULTURISTS IN SESSION.

Summer Session of Minnesota Society to Be Held Tomorrow.

The regular summer meeting of the Minnesota State Horticultural society will be held to-morrow. It has been held for many years, in armory hall at the state experiment farm. No set program has been fixed. The session will be largely given up to festivity and sociability. The experiment station is looking at its best now, and some time will be devoted to studying its beauties and the work done there.

A basket luncheon will be served at 12:30 at the armory hall. The afternoon session will begin at 2 o'clock and end at 3:30. There will be a strictly impromptu program and the time will be taken up with the display of flowers and fruits by the exhibitors and talks in regard to the articles exhibited. Opportunity will be given for asking and answering questions, as the committeemen thought this method of conducting the exercises both entertaining and profitable.

The date is set to bring the meeting as near as possible at the time when the strawberry crop is at its best, and it is expected that there will be a number of exhibits of fruit. The berries will be judged immediately before lunch and will then be served at the tables. Premiums will be given for collections of strawberries, for each variety of berries and for seedlings never having received a premium from the society. There will be special prizes for each variety of roses and peonies, and it is expected that there will be extensive exhibits of these. Apples raised in Minnesota last fall will be exhibited and given premiums. Prizes will be given for currants and gooseberries of this year's crop.

The president of the association is Clarence Wedge of Albert Lea and the secretary is A. W. Latham of Minneapolis.

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Mpls., Minn., Daily Times.
WEDNESDAY, JUNE 21, 1905.

HORTICULTURISTS MEET

Annual Gathering of State Society Takes Place Today.

A flower show of a high class will be a feature of the summer meeting of the Minnesota State Horticultural society today at the state experiment station at St. Anthony Park. Premiums have been offered for the best exhibits of roses, peonies and perenial flowers, and as in times past the exhibits promise to be of great beauty and interest. In addition to the flower show special exhibits of small fruits are to be shown, and currants, gooseberries and apples and strawberries will be shown in choice assortments.

No special program has been prepared for the afternoon session, but the usual impromptu program is expected to prove of great interest and value to those present. A basket luncheon will be served at the noon hour in armory hall and the meeting will close with a session of good fellowship and sociability.

St. Paul (Minn.) News.
WEDNESDAY, JUNE 21, 1905.

PRIZE STRAWBERRIES EATEN BY DELEGATES.

Surrounded by roses and strawberries, with their coat collars turned up to protect them from the cold, members of the Minnesota Horticultural society commenced their annual meeting today at the armory of the state experimental station, St. Anthony Park.

A late spring and a wintry summer are responsible for a shortage in the fruit and flower products of Minnesota this year, but the dsiplay made was, nevertheless, an extensive one.

Prof. S. B. Green presided at the meeting, and A. L. Latham, Minneapolis, was the secretary.

A luncheon was served at noon, and the strowberries exhibited this morning for prizes were part of the bill of fare.

Mpls., Minn., Daily Times.
THURSDAY, JUNE 22, 1905.

HORTICULTURAL SOCIETY ANNUAL

Addresses Are Made and Prizes Awarded at St. Anthony Park Meeting.

One of the most successful annual meetings of the Minnesota State Horticultural society was held yesterday at the state experiment station at St. Anthony Park. There were over 100 members present and all of the exhibits were of an excellent quality. Reports of the officers showed that the society now has a membership of 2,000.

The total number of entries in the exhibits was 450, a large proportion of which were different varieties of strawberries. J. P. Johannson of Excelsior led the list on entries in this class of fruit with an exhibit containing forty-eight varieties. All but six of the prizes awarded on this fruit were captured by him.

Peonies and roses were predominant in the floral exhibit and some excellent specimens were shown. A. O. Hawkins was the principal exhibitor in this department.

Prizes awarded to the exhibitors amounted to $100, most of the exhibits being divided into first and second-class.

The social features of the meeting were held at the armory. A number of impromptu addresses were made during the informal reception which followed a picnic-dinner. During the afternoon F. F. Farrer of White Bear told of methods and varieties in strawberry culture; William Elliot talked on seedling gooseberries and currants; Professor F. L. Washburn delivered a short address on insect enemies to plant life; C. M. Loring of Minneapolis explained methods of the ornamental use of flowers. John Hawkins of Minneapolis addressed the members on the subject of peony culture; J. P. Brown of Excelsior talked on roses and Mr. Nordine of Lake City spoke on rose culture.

Minneapolis (Minn.) Journal.
THURSDAY, JUNE 22, 1905.

MINNEAPOLIS JOURN

HORTICULTURISTS' PRIZES

J. P. JOHANNSON OF EXCELSIOR WINS LARGEST NUMBER—THE OTHER WINNERS.

At the annual meeting of the Minnesota State Horticultural society at St. Anthony Park yesterday, J. P. Johannson of Excelsior carried off a majority of the prizes in the fruit exhibit. He alone exhibited forty-eight varieties of strawberries. There were 450 exhibits of fruit. A. O. Hawkins carried off several prizes for peonies and roses.

After the picnic lunch several impromptu addresses were made in the armory. Among the speakers were F. F. Farrer, White Bear, who explained the varieties in strawberry culture; W. Elliot, seedling gooseberries and currants; Professor F. L. Washburn, insect enemies to plant life; C. M. Loring, ornamental use of flowers; John Hawkins, peony culture; J. P. Brown, roses, and Mr. Nordine of Lake City, rose culture.

First premiums on strawberries were given to J. P. Johannson on forty varieties; S. R. Spates, three varieties; A. O. Hawkins, three varieties; Thomas Redpath, one variety; H. F. Busse two varieties; E. A. Farmer, two varieties; W. L. Parker, two varieties; F. F. Farrer, one variety; H. Haggerd, two varieties. Total number of varieties, fifty-six; judged by H. L. Parker.

Second premiums were given to J. P. Johansson on six varieties; Thomas Redpath, one variety; H. F. Busse, one variety; E. B. Miller, one variety; E. A. Farmer, one variety; A. O. Hawkins, one variety; J. P. Brown, one variety; W. H. Smith, one variety.

Third premiums were awarded to J. P. Johansson on one variety, and to S. R. Spates, Thomas Redpath and A. O. Hawkins on one variety each.

First premiums on different varieties of gooseberries were given as follows: A. O. Hawkins, four; S. R. Spates, two; Thomas Redpath, one; W. Elliot, one. Total number of varieties, eight; judged by A. A. Bost and L. B. Lyman.

Second premiums on gooseberries of different varieties were awarded to Thomas Redpath, one; S. R. Spates, three. H. F. Busse was given a third prize on one variety.

First premiums on peonies of different varieties were awarded as follows: Jewell Nursery company, ten; S. R. Spates, two; Thomas Redpath, one. Award for largest blossom shown was given to the Jewell Nursery company. The flower was slightly more than eight inches in diameter. Total number of varieties, thirteen; judged by F. F. Farrer and Fred Coville.

Second premiums on different varieties of peonies were given as follows: Jewell Nursery company, one; J. W. G. Dunn, one; a third premium was given on one variety to the Jewell Nursery company.

First premiums on varieties of currants were won by: A. O. Hawkins, eleven; S. R. Spates, four; W. Elliot, three; H. F. Busse, three. Total number of varieties, eighteen; judged by F. H. Gibbs.

Second premiums on varieties of currants were given to A. O. Hawkins, four; Thomas Redpath, two; S. R. Spates, three; H. F. Busse, one.

First awards on different varieties of roses were made as follows: Jewell Nursery company, thirty-three; John Hawkins, nine; Thomas Redpath, one; W. H. Smith, one. Total number of varieties, forty-four; judged by Mrs. A. S. Hanson and Miss Emma V. White.

Second premiums on different varieties of roses were given as follows: Jewell Nursery company, five; S. R. Spates, two; John Hawkins, two.

Awards on bouquets were to Mrs. F. H. Gibbs, first; S. R. Spates, second, and E. W. Wilcox, third.

St. Paul (Minn.) Dispatch.
THURSDAY, JUNE 22, 1905.

FRUITS AND FLOWERS.

Exhibits and Awards by the State Horticultural Society.

Strawberries were prominent among the 450 exhibits at the summer meeting of the Minnesota State Horticultural society, at the state agricultural experiment station, St. Anthony Park, Wednesday, as reported in the Dispatch. Although the late season reduced the number of exhibits, their quality was superior.

The best exhibits of strawberries were made by J. P. Johannson, of Excelsior. He showed forty-eight varieties, all but eight of which received first premiums. Currants, gooseberries, and apples were among the other fruits displayed. Roses and peonies led in the exhibit of flowers.

The judges made the following report:

First premium on strawberries to J. P. Johannson, on forty varieties; S. R. Spates, three varieties; A. O. Hawkins, three varieties; Thomas Redpath, one variety; H. F. Busse, two varieties; E. A. Farmer, two varieties; W. L. Parker, two varieties; F. F. Farrer, one variety; H. Haggerd, two varieties.

Total number of varieties, fifty-six; judged by H. L. Parker.

Second premiums to J. P. Johannson on six varieties; Thomas Redpath, one variety; H. F. Busse, one variety; E. B. Miller, one variety; E. A. Farmer, one variety; A. O. Hawkins, one variety; J. P. Brown, one variety; W. H. Smith, one variety.

Third premiums to J. P. Johannson on one variety, and to S. R. Spates, Thomas Redpath and A. O. Hawkins on one variety each.

First premiums on different varieties of gooseberries, as follows: A. O. Hawkins, four; S. R. Spates, two; Thomas Redpath, one; W. Elliot, one.

Total number of varieties, eight; judged by A. A. Bost and L. B. Lyman.

Second premiums on gooseberries of different varieties to Thomas Redpath, one; S. R. Spates, three. H. F. Busse was given a third prize on one variety.

First premium on peonies of different varieties, as follows: Jewel Nursery company, ten; S. R. Spates, two; Thomas Redpath, one. Award for largest blossom shown was given to the Jewel Nursery company. The flower was slightly more than eight inches in diameter.

Total number of varieties, thirteen; judged by F. F. Farrer and Fred Covillo.

Second premiums on different varieties of peonies, as follows: Jewel Nursery company, one; J. W. G. Dunn, one; a third premium was given on one variety to the Jewel Nursery company.

First premiums on varieties of currants won by: A. O. Hawkins, eleven; S. R. Spates, four; W. Elliot, three; H. F. Busse, three.

Total number of varieties, eighteen; judged by H. F. Gibbs.

Second premium on varieties of currant to A. O. Hawkins, four; Thomas Redpath, two; S. R. Spates, three; H. F. Busse, one.

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First awards on different varieties of roses, as follows: Jewel Nursery company thirty-three; John Hawkins, nine; Thomas Redpath, one; W. H. Smith, one.
Total number of varieties, forty-four; judged by Mrs. A. S. Hanson and Miss Emma V. White.
Second premiums on different varieties of roses, as follows: Jewel Nursery company, five; S. R. Spates, two; John Hawkins, two.
Awards on bouquets to Mrs. F. H. Gibbs, first; S. R. Spates, second, and E. W. Wilcox, third.

St. Paul (Minn.) Pioneer Press.
THURSDAY, JUNE 22, 1905.

FRUITS AND FLOWERS HOLD THE DAY

State Horticultural Society Has Annual Exhibit at Experiment Station—Meeting Is Well Attended and Successful— Premiums on Over 400 Varieties of Berries and Blossoms.



MINNESOTA HORTICULTURISTS AT THE STATE FARM SCHOOL. —By a Staff Photographer.

Interest and enthusiasm marked the summer meeting of the Minnesota State Horticultural society yesterday at the state experiment station at St. Anthony Park. More than 100 members were present, and although some of the exhibits were not so large as usual, owing to the late season, those that were presented were of excellent quality. Reports of officers showed that the society has a membership of almost 2,000, and several new members were added during yesterday's session.

The total number of entries in the exhibits were 450, a large proportion of which were different varieties of strawberries. J. P. Johannson of Excelsior led the list of entries in this class of fruit with an exhibit containing forty-eight varieties, all but six of which were awarded first premiums by the judges. Other fruits shown were currants, gooseberries and apples.

Peonies and roses held full sway in the floral exhibit, and some excellent specimens were shown. A. O. Hawkins was the principal exhibitor in this department.

Prizes awarded to exhibitors amounted to about $100, most of the entries being divided into first and second class exhibits. These were confined to individual exhibits, as no groups or collections were entered.

Papers and Discussions.

Both the social and formal meetings were held in armory hall, which was filled by members and guests.

No regular program had been arranged, but a number of impromptu addresses were given, and some interesting discussions took place. A picnic dinner was served in the hall at noon, and the afternoon session opened as soon as the place could be made ready for the meeting.

F. F. Farrer of White Bear told of methods and varieties in strawberry culture; William Elliot talked on seedling gooseberries and currants; Prof. F. L. Washburn delivered a short address on insect enemies to plant life; C. M. Loring of Minneapolis explained methods of the ornamental use of flowers; John Hawkins of Minneapolis addressed members on peony culture; J. P. Brown of Excelsior talked on roses, and Mr. Nordine talked at considerable length on rose culture.

A meeting of the executive board was called at the close of the society's meeting, and plans for next year were discussed. It was decided to make a special effort to interest outsiders in the work of the society, with a view to increasing the membership and adding to the value and interest of the exhibits. Means for bringing about a general movement of this character will be decided upon by the committee during the month.

The Prize Winners.

Prizes for exhibits of flowers were awarded on bunches of five and six blooms and on bouquets of perennial flowers. Strawberries were exhibited by quarts. Currants and gooseberries were shown on the bush. The following awards were made by the judges:

First premiums on strawberries were given to J. P. Johannson on forty varieties; S. R. Spates, three varieties; A. O. Hawkins, three varieties; Thomas Redpath, one variety; H. F. Busse, two varieties; E. A. Farmer, two varieties; W. L. Parker, two varieties; F. F. Farrer, one variety; H. Haggerd, two varieties.

Total number of varieties, fifty-six; judged by H. L. Parker.

Second premiums were given to J. P. Johannson on six varieties; Thomas Redpath, one variety; H. F. Busse, one variety; E. B. Miller, one variety; E. A. Farmer, one variety; A. O. Hawkins, one variety; J. P. Brown, one variety; W. H. Smith, one variety.

Third premiums were awarded to J. P. Johannson on one variety; and to S. R. Spates, Thomas Redpath, and A. O. Hawkins on one variety each.

First premiums on different varieties of gooseberries were given as follows: A. O. Hawkins, four; S. R. Spates, two; Thomas Redpath, one; W. Elliot, one.

Total number of varieties, eight; judged by A. A. Bost and L. B. Lyman.

Second premiums on gooseberries of different varieties were awarded to Thomas Redpath, one; S. R. Spates, three. H. F. Busse was given a third prize on one variety.

First premiums on peonies of different varieties were awarded as follows: Jewel Nursery company, ten; S. R. Spates, two; Thomas Redpath, one. Award for largest blossom shown was given to the Jewel Nursery company. The flower was slightly more than eight inches in diameter.

Total number of varieties, thirteen; judged by F. F. Farrer and Fred Coville.

Second premiums on different varieties of peonies were given as follows: Jewel Nursery company, one; J. W. G. Dunn, one; a third premium was given on one variety to the Jewel Nursery company.

First premiums on varieties of currants were won by: A. O. Hawkins, eleven; S. R. Spates, four; W. Elliot, three; H. F. Busse, three.

Total number of varieties, eighteen; judged by F. H. Gibbs.

Second premiums on varieties of currants were given to A. O. Hawkins, four; Thomas Redpath, two; S. R. Spates, three; H. F. Busse, one.

First awards on different varieties of roses were made as follows: Jewel Nursery company, thirty-three; John Hawkins, nine; Thomas Redpath, one; W. H. Smith, one.

Total number of varieties, forty-four; judged by Mrs. A. S. Hanson and Miss Emma V. White.

Second premiums on different varieties of roses were given as follows: Jewel Nursery company, five; S. R. Spates, two; John Hawkins, two.

Awards on bouquets were to Mrs. F. H. Gibbs, first; S. R. Spates, second, and E. W. Wilcox, third.

The highest cash prize total won by any one exhibitor was taken by C. F. Johannson, whose exhibits of strawberries brought $30 of the premium money.



AN OBJECT LESSON IN ARRANGING DISPLAYS AT AGRICULTURAL FAIRS

THIS interesting display of apples at the Minnesota state fair in 1904 attracted much favorable comment. Some of its points are worth considering, and adapting to arrangement of fruit exhibits at the state fairs the coming fall. It will be noticed, for one thing, that there is plenty of space for visitors. They can walk entirely around the exhibit. The fruit is massed systematically, and properly labeled, so that careful study is really invited. In the horticultural department of the Minnesota state fair last season there were something over 5000 plates of fruit.



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