

The M. A. C. RECORD.

MICHIGAN STATE AGRICULTURAL COLLEGE.

VOL. 11.

LANSING, MICHIGAN, TUESDAY, NOV 7, 1905.

No. 8

FOOT BALL.

M. A. C. 30—KALAMAZOO 0.

The football team, accompanied by the band and about 200 rooters, left Lansing Saturday morning at 9:30 by special train for Kalamazoo where another victory was added to our football list. Michigan Central gave excellent service to our crowd both going and returning. Only two stops were made going and three returning. A sufficient number of coaches were furnished to make the ride a pleasant one and it was a jolly crowd that went to Kazoo and, we believe, a perfectly satisfied one that returned.

When the team arrived at Kazoo the crowd lined up, and headed by the band and team made a procession about two blocks long,—just to let the town know M. A. C. had arrived. After dinner the rooters again swung into line for the Kazoo gridiron where at 2:30 the fight began.

M. A. C. kicked off and Kazoo, after a few short gains, was forced to punt. M. A. C. carried the ball into Kazoo's territory, where, after they had been stopped temporarily for a few times, Doty took the ball over the line for the first touchdown after twelve minutes of play.

The balance of the first half was hotly contested, the ball being in Kazoo's territory all the time, but fumbles on the part of M. A. C. kept our team from scoring. The feature of this half was the long dodging runs by Kratz and the fine defensive work of the line. Kazoo was forced to punt nearly every time they had the ball. Small tried two place kicks in this half, one just dropping under the goal and the other to one side. Kratz was hurt just before the end of this half and McKenna, the second, was substituted, putting up a good game throughout.

The second half was all M. A. C. Again the fine condition of our team was evident as it has been in all past games, and the latter part of this half was simply a repetition of the Olivet game. Kazoo fought gamely for the first ten minutes of this half, but after our next touchdown by Holdsworth, it was simply a procession to their goal line. Long and steady gains were made by Doty, Holdsworth, McDermid and Boyle. Doty was injured during this half and was replaced by Frazer, who through the help of Wright, Burroughs and Boomsliter, broke through the line for good gains. The last fifteen minutes of the game was as fine an exhibition of superb and fast team work as has ever been seen on any field. Small ran off the plays with clock like precision and Kazoo's defense was so weakened that it was easy for M. A. C. to run up the score.

The only material gain made by Kazoo was a quarter back run by Kimmerle, who got away for a 30-yard run. The only possible chance they had for a score was on an attempted place kick from M. A. C.'s 40 yard line.

Following is the line up:

Burroughs, C.
Boomsliter, R. G.
McDermid, R. T.
Boyle, R. E.
Wright, L. G.
Fisk, L. T.
Holdsworth, L. E.
Small, Q. B.
McKenna, R. H.
Kratz, McKenna, Jr., L. H.
Doty, Frazer, F. B.
Touchdowns, Doty, Frazer 2,
Holdsworth, McDermid.

The seats for the Albion game are going like wild fire and the indications are that we shall have the largest crowd ever seen on the field next Saturday. There has been one reservation of 48 seats and several of 20 or more. This will, of course, be the big game of the season and M. A. C. is going to win that cup. Our percentage is still 1000 and our points for intercollegiate games stand 78 to 0 in our favor. Two games are yet to be played, Albion and Alma and if we win next Saturday it practically lands the championship for M. A. C. If we lose, we still have a fighting chance for a tie and if scores are to count for anything M. A. C. is able to furnish them. Albion has won 20 points to her opponents 12, aside from the Alma game. M. A. C. play Alma at Alma November 25. Come early if you want a seat at the Albion game.

JUNIORS 10. SENIORS 6.

The class championship for 1905 was settled Saturday when the Juniors won from the seniors by the score of 10 to 6. The Juniors played the better game throughout and showed the effect of practice, while the Seniors played a ragged game replete with fumbles. The Juniors scored in the first half and again in the second before the Seniors could cross the line. Then on a blocked punt Barnett grabbed the ball and ran to the five-yard line, where he was downed. Hogue was soon over for their only touchdown. Several men in both teams showed varsity material. Graham, Smith and Barnett were the leaders for the Seniors, while Kratz, Gould Gregg and Waite showed up best for the winning team.

Referre, McCue; umpire, Hurst; head linesman, Nies.

ALBION, NOV. 11.

And now the cry is, on to Albion. Three of our cup games have been played and next Saturday promises to be a big day at M. A. C. It is not known how large a delegation Albion will bring, but they will, no doubt, bring a crowd, and on account of the unusual interest throughout the state it is expected that there will be the largest crowd ever seen on our field. Work continued all last week to get the field and seats in shape for the big game. The bleachers have been divided into sections, and all will be reserved. The advance application for seats promises that they will all be sold ahead of time. Applications have been received from neighboring cities, from former Albion and M.

A. C. students, and the prospects are that you must come early "to avoid the rush." The Board of Control has placed a nominal fee of fifteen cents for reserved bleacher seats and twenty-five cents for box seats. This is not done for the purpose of making more money for the association, as the amount necessary to block the seats and pay for extra tickets, etc., will amount to about as much as that taken in by this extra charge. It is done in order to accommodate our out-of-town friends who are coming. Seats have been placed on sale at two different places in Lansing, one in Albion, and at the secretary's office at the college.

The officials secured for the game are Thomas, referee, and Fishlee, umpire, both of Michigan, Hall, of Olivet, head linesman.

RESOLUTIONS.

Since one of our esteemed members, William L. Woodbury, has been taken from our midst by the hand of Providence, be it

Resolved, That we, the class of nineteen hundred nine, extend to the bereaved family our deepest sympathy in their hour of affliction.

G. H. ALLEN,
F. J. HEWSON,
W. D. FRAZER,
Com. on Resolutions.

Y. M. C. A.

It is unfortunate for the religious life at M. A. C. that the inclement weather Sunday evening kept so many from attending the chapel meeting. The address by Prof. Randels of Alma college was most helpful to all who attended. Prof. Randels spoke of religion as an instinct. "All men are religious," he said, "but not religious enough." "Christianity offers the only means for a full development of that instinct. Christianity is not built upon books or upon theories. It is built upon human nature, and so long as human nature continues as it is Christianity will stand." These are some of the thoughts brought out in the discourse. While there was not a very large audience those who were present received some convincing arguments that ought to remove any doubts that might exist in regard to one's religious life. Mr. A. J. Patton assisted in the meeting by a solo that was highly appreciated.

The Y. M. C. A. meeting Thursday evening, was brightened by some helpful remarks of Mrs. O. S. Nichols, of Detroit, who was visiting her son, Alton. Mrs. Nichols is interested in religious work for boys in Detroit, and had a message that was interesting to our young men. Mr. J. G. Cavanagh conducted the meeting which was one of the best of the year.

Rev. J. A. Schaad preached Sunday morning to a large congregation in the College chapel.

Saturday was a fine day for football enthusiasts and also a fine day for those who stayed at home.

ALUMNI.

'99.

"Jack" Edwards, a former assistant to Dr. Marshall, who has been taking work at the U. of M., the past year, has recently been elected to the position of professor of Bacteriology at Guelph, Ont.

'01.

Prof. Holdsworth has received an invitation through Sam Kennedy of the above class to attend an informal reception given by the "Palette and Chisel club" of Chicago on ladies' night. Sam writes in glowing terms of the "art atmosphere," sketching tours and other things dear to the artist's soul.

'02.

Arthur J. Decker, with the above class, who recently graduated from the University of Michigan, is now in the city engineer's office, Columbus, Ohio.

'04.

Arthur Adelman and D. A. Gurney, both '04, are in the ordnance office, war department, Washington, D. C. Both enjoy their work very much and state that the RECORD is always a welcome visitor.

'04.

The following extracts are from a letter written by A. B. Rogers: "I am attending the Chicago veterinary college now and expect to study two years. It is a three-year course, but I get credit for the first year. The course is now thoroughly scientific, and difficult as well. However, I learned the process of hard study at M. A. C. and find it a most useful acquisition." Mr. Rogers' address is 2813 Indiana avenue, Chicago.

'05.

Through the kindness of C. J. Auten we are privileged to publish the address of our friend, George Fryman, of the above class. Mr. Fryman is on a preliminary survey for the Sante Fe Ry. in New Mexico and his address is Box 13, Texico, N. M. Thanks to Mr. Auten, the address completes the list.

with '05.

Newell Snyder, who has been visiting his parents in Collegeville for about a month, left yesterday morning for an extended trip through Ohio. He expects to make a trip through the West soon.

with '06.

Word came to us some time ago of the serious injury of Chas. A. Blake in an automobile accident near his home in Kalamazoo. We were unable to get hold of the facts at the time and do not have them now; but we are glad to report that he is doing nicely and will soon be around again.

C. C. Cobb who was in College last year is also at Kalamazoo where he manages to keep busy at his trade.

THE M. A. C. RECORD.

PUBLISHED EVERY TUESDAY DURING THE COLLEGE YEAR BY THE MICHIGAN STATE AGRICULTURAL COLLEGE

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TUESDAY, NOV. 7, 1905.

THAT tall chimney, and the stokers in the new boiler house are greatly appreciated by the whole College community, and especially by those living north of the bath house and in the vicinity of the Women's Building. For two years the former heating system was such that great clouds of sooty smoke were continually passing over and settling on everything about these plants. Thanks to the chimney and stokers all is now changed and from the amount of smoke issuing from the chimney one would hardly know there was even a fire.

IT IS with sadness that we publish the death of another student, Mr. Woodbury, in this issue, and it is hoped and believed that the fatalities will stop with this death. The other four cases have been heard from and all are doing nicely. No new cases have been reported and with the immediate abandonment of the club in the White Elephant, from which the trouble seemed to have originated, it is believed that no one need be alarmed as to the further spread of the disease. Although there is considerable conjecturing, it still remains a mystery as to the exact source of the trouble. It is sincerely hoped that the sick ones will speedily recover and be with us again this term.

M. A. C. DEBATING CLUB.

The question discussed at the club last Thursday evening was as follows: "Resolved, that the articles of Thomas Lawson have failed to benefit the general public". The speakers were Messrs. C. M. Mason and R. G. Potts for the affirmative and Messrs. A. N. Robson and O. W. Stevenson for the negative. The judges decided in favor of the negative. The criticism by Dr. Edwards on the debate was the chief feature of the meeting and were greatly appreciated by all, with the possible exception of the speakers.

The question for debate next Thursday evening is "Resolved, that free trade would be beneficial to American commerce." It is hoped that this meeting will be well attended

Y. W. C. A.

The Thursday evening meeting was led by Helen Andrews and was a song service. The Scripture lesson was taken from a portion of the ninth Psalm.

A business meeting was held after the regular meeting to make plans for the entertainment of the delegates.

The state convention is held at the Plymouth Congregational church, November 9th to 12th. The meeting Saturday afternoon will be held at the college and will commence at 4:45 p. m. so that all may have ample time to get back from the game in time to attend this meeting.

The Saturday evening meeting will also be held at the College. It is desired that all Y. W. C. A. members attend the convention.

There will be no Y. W. C. A. meeting next Thursday evening.

Y. W. C. A. CONVENTION.

The twentieth annual convention of the Michigan association is to be held during this week in Lansing, all meetings except Saturday afternoon and evening are to be held in the Plymouth Congregational church. The Bible hour each morning will be in charge of Miss Charlotte Porter, general secretary of the Detroit Y. W. C. A. While this is the Y. W. C. A. convention, the general public is cordially invited to attend all evening services, and it is hoped the students will make an effort to at least attend the Saturday evening service in the Armory. Following is the program:

THURSDAY EVENING.

8:00 Greetings to the Convention, Rev. Frank G. Ward, Pastor Plymouth Congregational church.
 The Divine Partner, Rev. Allan Hoben.

FRIDAY MORNING.

9:00 Morning Devotions, Mary B. Stewart, of the Michigan State Committee.
 9:15 Organization.
 The State Committee.
 The Association Field.
 10:30 Bible Hour, Miss Charlotte Porter, General Secretary of the Detroit Y. W. C. A.

FRIDAY AFTERNOON.

2:00 Michigans' Association Work in Shanghai, Mrs. H. E. Coleman, of the Michigan State Committee.
 3:00 City Conference, conducted by Miss Helen F. Barnes, of the American Committee.

College Conference, conducted by Miss Frances Bridges, of the American Committee.

These Conferences will be held simultaneously.

FRIDAY EVENING.

7:15 The World's National and State Association Work, Misses Barnes, Bridges, and Miss Leilea P. Johnson, state secretary of Michigan.

SATURDAY MORNING

9:00 Morning devotions, Miss Stewart.
 9:15 Business. Reports of convention committees. Finance meeting, Miss Helen F. Barnes. The Evangel.
 10:30 Bible Hour, Miss Porter.

SATURDAY AFTERNOON.

College conferences, lecture room, women's building 4:45.

SATURDAY EVENING.

7:30 Missionary address, Mrs. Harriet Gulick Clark, of Oberlin Ohio, formerly of Japan. College armory.

SUNDAY.

9:00 Delegates' devotional meeting, Miss Stewart, at the Young Women's Christian Association.
 4:00 Gospel meeting, Miss Bridges, at the Plymouth Congregational church.

MICHIGAN FARMERS' INSTITUTES.

While this institute, beginning Nov. 20, is designed for the regular state farmers' institute lecturers, with the idea of rendering them better able to carry on the work of the farmers' institutes, the general public will be welcome at any of the sessions.

One of the objects of the institute is to bring to the attention of the visitors the work of the experiment station of this and other states and to consider the results obtained in their application to ordinary farm practice. An opportunity will be afforded to lecturers and others to visit the various departments of the College and note the methods of instruction used. Trips will also be made to the barns, greenhouses, orchards, gardens and over the farm.

The morning sessions will be devoted to the consideration of the topics to be presented by the different institute lecturers and to the comparison of methods and ideas. In the afternoon, lectures will be given by members of the college faculty upon various scientific subjects upon which the highest agricultural practice must be based. In addition to one or more illustrated lectures each evening, representatives of several of the state departments, including the forestry, dairy and food, and good roads commissions, the state board of health and the department of public instruction, have co-sented to explain the laws under which they are working and the results that are being secured. Special sections for the women lecturers have been arranged, at which the talks will be upon subjects relating to the household.

BOARD AND ROOMS.

Arrangements will be made to furnish dinners and suppers at the boarding clubs of the college for 25c each. Rooms can be secured at the hotels and boarding houses in Lansing at from 35c to 50c per night, and breakfasts can be obtained at from 25c to 50c. In order that arrangements may be made for furnishing meals at the college boarding houses, persons planning to attend the institute and desiring meals should give notice in advance.

For further information regarding the Normal Institute, address L. R. Taft, Supt. Farmers' Institutes, Agricultural College, Michigan.

All exercises will be held in the college chapel except as noted in the program, and will begin promptly on time.

Opportunity will be afforded for a general discussion after each address.

Bring note books and pencils. Following is the program:

MONDAY, NOVEMBER 20.

2:00 p. m. Introductory remarks, Pres. J. L. Snyder.
 Roll call.
 Movements of Water in the Soil, (40 min.) Prof. J. A. Jeffery.
 Fertilizers—Their Handling and Use (40 min.) Prof. A. J. Patton.
 7:15 p. m. Our State Educational System (40 min.) Hon. P. H. Kelley, Supt. Public Instruction.
 Agriculture in the Public Schools (40 min.) Prof. C. E. Holmes, Prin. School for the Blind.
 The Nature of Bacteria. Illustrated, (40 min.) Dr. Chas. E. Marshall.

TUESDAY, NOVEMBER 21.

9:00 A. M.—Roll call.
 The Ideal Institute Lecture (25 min.) Prof. C. D. Smith.
 Tillage—What It Means (25 min.) J. W. Hutchins, Hanover.
 Maintaining the Fertility of the Farm (25 min.) H. B. Cannon, Rochester.
 Farm Sanitation (25 min.) Mrs. F. D. Saunders, Rockford.
 2:00 p. m.—Bacteriology of the Soil (40 min.) Dr. Chas. E. Marshall.
 Nitro-Culture—Its Use and Abuse (40 min.) Prof. C. D. Smith.
 Improving Grains and Grasses (40 min.) Dr. W. J. Beal.
 7:15 p. m.—The State Board of Health and Its Work (40 min.), F. W. Shumway, M. D., Secretary State Board of Health.
 Insects and Their Transformation—Illustrated, (40 min.), Prof. R. H. Pettit.
 Spraying—Methods and Appliances (40 min.), Prof. S. W. Fletcher.

WEDNESDAY, NOVEMBER 22.

9:00 a. m.—Roll call.
 The Ideal Institute Lecturer (25 min.), Hon. Chas. W. Garfield, Grand Rapids.
 Corn and Its Culture (25 min.), Comfort A. Tyler, Nottawa.
 Potatoes and How to Grow Them (25 min.), A. P. Gray, Traverse City.
 Should the Farmer Have a Garden, (25 min.) Mrs. C. M. Patch, Armada.
 2:00 p. m., Forestry Problems, (40 min.) Hon. Chas. W. Garfield, Pres. State Forestry Commission.
 Good Roads and How to Make Them, (40 min.) Frank F. Rogers, Deputy State Highway Commissioner.
 Corn and Its Improvement, (40 min.) Prof. J. A. Jeffery.
 7:15 p. m., The Work of the Dairy and Food Commission, (40 min.) Colon C. Lillie, Deputy State Dairy and Food Commissioner.
 Plant Diseases and their Nature—Illustrated, (40 min.) Dr. W. J. Beal.
 Silos and Their Construction—Illustrated, (40 min.) Prof. C. D. Smith.

(Continued next week.)

FARMER'S CLUB.

It was impossible for Prof. Shaw to be present at the meeting Tuesday night but he will give his talk on "Getting a Job" in some future meeting. Watch for announcements.

R. C. Potts and C. H. Wilson were elected delegates to the State Farmers' club meeting to be held in Lansing, December 12 and 13.

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ABOUT THE CAMPUS.

Have you joined the "Red Ribbon brigade?"

Mrs. Andrews, of Williamston, visited her daughters, the Misses Neina and Helen, the past week.

November certainly started off briskly. The coldest day yet, which fact causes us to look closely to our furnaces and coal pile.

A. J. C., in junior English. "A friendly put"—hesitation. "A friendly port"—hesitates. After that what could be said.

Harry Goss and his mother are spending a few days with College friends. Harry is staying at his home in Niles at present.

Dr. Beal has received over fifty plants from H. C. Skeels, '98, who is in charge of 200 acres of forestry and park at Joliet, Ill.

P. H. Stevens, formerly editor of THE RECORD, is now head of the English department in the high school at Chicago Heights, Ill.

R. J. Montenegro, the P. I. student who has been in the hospital at Ann Arbor for several weeks, returned yesterday to continue his studies.

LOST—Between the post office and women's building on Saturday evening a book from the state library. Finder please return to college library.

On account of some rash betting over the class game the seniors of Club G hand over their pie, sauce, desert and breakfast food for the ensuing week to the junior table.

The old tool barn is being remodeled. The first floor at the north end will be used as a forge shop for agricultural students, and the second floor as a carpenter shop.

The meeting in Washington to which Mr. Buskirk is to be sent as delegate, is that of the American Association of Farmers' Institute Workers instead of the A. A. A. S. & C. E.

Charles A. Mosier, special student at M. A. C. for some time, has recently sent to Dr. Beal a box of acorns from a large California oak. Some of these acorns measure over two inches in length.

Farmers' institutes will be held in December as follows: Luce county, 5; Schoolcraft, 6; Baraga, 8-12; Houghton, 8; Clare, 5-8; Kalamazoo, 5-8; Ottawa, 2-8; Otsego, 4-5; Cheboygan, 6-7; Preque Isle, 8-9; Osceola, 9-11.

Mr. F. E. Emery, of Minneapolis, Minn., has entered College for work in civil engineering. Mr. Emery has had considerable practical experience in surveying, and comes to M. A. C. upon the recommendation of the same by C. L. Dean, with '01.

The one thing that proved a drawback to the M. A. C.—Kazoo game was the annoyance caused by the "city kid". It is hard to understand why the College Association at that place will continue to allow outside persons, especially small boys, to treat all visiting teams and rooters as they do. In baseball as well as football they have always been al-

lowed to throw all the dirt they desired and it would seem that it was high time to call a halt.

Messrs. Kraus, Bucknell and Ray Potts were given their preparatory initiation yesterday for entrance to the Alpha Zeta Fraternity. During the afternoon they were set at work raking leaves and because of their "make-up" were made the subject of many jests. Nary a word could they say in return.

Dr. Herbert L. Willet will be here Friday evening, Nov. 10. This is the second number of the entertainment course and promises to be one of the very best. Dr. Willet is a lecturer of not only national, but world wide reputation and everyone should make an effort to hear him.

Dr. Beal asked his classes for statements as to their reasons for coming to M. A. C. The answers varied to some extent, but the majority stated that they believed a college education would fit one for a wider field of usefulness, many stating as a reason for choosing M. A. C. that they were influenced by a former student or friend of the college.

After an illness of about two weeks Wm. L. Woodbury died at his home in St. Johns Wednesday of last week. Mr. Woodbury was a graduate of the St. Johns high school, and entered the four-year mechanical course last fall. He had been feeling badly for several days before going home. The cause of his death was typhoid-pneumonia. Upon hearing of his death his class met Thursday noon, framed resolu-

tions and delegated Mr. Buss and Mr. Fenton to represent the class at the funeral which occurred Friday at 2:30 p. m. President Snyder also attended the funeral. Deceased was a brother of Miss Vesta Woodbury, '01. He had many friends at the College who join us in extending to the parents and family sincerest sympathy.

At a meeting of the board of directors of the Chicago international live stock exposition, held late last week, it was decided to put off that great event from December 2, as originally planned, to the week of December 16-23. This was done owing to the fact that the new amphitheater now building will not be completed in time for holding the exposition December 2.

On Saturday, Nov. 4, at five o'clock occurred the marriage of Miss Bessie Earl to Mr. J. P. Felt, of Emporium, Pa., at the home of Sec. A. M. Brown. The ceremony was performed by Rev. H. B. Bard, of the Church of Our Father, Lansing, in the presence of the immediate friends and relatives. Among the out-of town guests were, Mr. F. H. Earl and family, of Plano, Ill., brother of the bride. Mr. and Mrs. Geo. D. Cobb, Mr. and Mrs. W. B. Cobb, and Miss A. Ada Brown, all of Schoolcraft; Mrs. William Dole, of Kalamazoo, and Miss Nanie Andrews, of Charlotte. Mr. and Mrs. Felt left Lansing at 9:30 Saturday evening for their home in Emporium, where Mr. Felt is engaged in the practice of law. THE RECORD extends congratulations.

ORCHARDS AND GARDENS.

The south block of fruit trees is to be remodeled somewhat. It is comprised mostly of apples, set one rod apart each way. The time has now come when the trees are crowding seriously, and need the additional room that it was planned they should have when the orchard was set. This winter every other row will be taken out, and every other tree in the rows remaining, leaving the trees two rods apart each way. This thinning out is made all the more urgent because the San Jose Scale is firmly established in the orchard and room is needed for very thorough spraying next spring. The peaches and cherries at the east end of this block will be preserved, and domestic plums, of which the department now has none will be added. Before any trees are removed in any of the orchards cions will be taken of all varieties worth preserving, and new trees propagated. The policy of the department will be not to keep on the grounds an immense collection of varieties, a large proportion of which are worthless here, but to remove all varieties as soon as their worthlessness is discovered and replace them with untried sorts.

Mr. McCue has completed plans for the horticultural species garden. This will include three plants each of all the species of fruits that have contributed varieties now in cultivation or which give promise of coming into cultivation. All the species of fruits from which our cultivated varieties have sprung will be represented, including apples, pears, plums, the different varieties of peaches, several species of cherries, about fifteen of grapes, a number of currants and gooseberries, and several species each of other small fruits. Little known fruits, as the buffalo berry, the medler, and the Rocky Mountain cherry will be included. This garden will be, in short, a horticultural botanic garden where students can study together all the horticultural types. The plants will be arranged in order of botanical sequence so far as possible.

Instructor Craig has an interesting experiment in the conservatory attached to the horticultural laboratory. The object is to determine the degree of bottom heat best adapted to forced tomatoes. The temperatures tested range from 95 to 65 degrees.

HORT. CLUB.

The meeting was well attended last week. Mr. O. I. Gregg read a very interesting paper on The Hop and its Culture. Throughout the paper he gave many interesting incidents connected with the industry, as he has seen it in Northwestern New York. Only the female plants are grown. These are propagated by settings, and the first year are planted alternately with corn, which pays for all the work the first year. The plants come into full bearing the second year and continue to bear full crops for several years. Cultivation is kept up until Aug. 1st, and the picking begins in about a month. The vines are cut about two feet from the ground, and the pole on which each vine climbs is pulled up and carried to the pickers. A good picker will pick about 30 bushels a day, for which he gets 6 cents a bushel. The hops are dried at the

hop house and then pressed into bales, 6 inches x 3 inches x 2 inches, and sold for about 30 cents a pound. The worst enemies of the hops are the mildews, lice and heavy winds.

Prof. W. Barrows will talk to the club next Wednesday evening on Birds in Reference to Horticulture.

The juniors at Albion College are to issue an annual this year.

The first real snow storm of the season Thursday evening of last week.

Mrs. H. A. Nichols, of Siloam, visited her son, H. A. Nichols, a few days the past week.

Miss Elizabeth Smith and Miss Kate Bair, Alma College, '04, were visitors at the College Saturday.

In view of a decision of the Supreme court of Mass. relative to certain lands, it is now impossible for the Mass. Institute of Technology to take further steps in the plan of co-operation with Harvard University which has been under consideration the past year. A pamphlet has been issued and mailed to all alumni and former students setting forth the needs of the Institute.

A very neat and attractive folder has been received which is issued by the Snohomish Co., (Wash.) Executive Committee. This folder is sent out for the purpose of interesting people in the county's resources and opportunities. It is full of splendid illustrations of scenes in the county and may be had by sending four cents for postage on same to James E. Gowen, Everett, Wash. The paper in this book was grown in the forests, made into a book, and printed complete in the above county.

Plank walks have been built at the crossings of the St. Railway at the north entrance and Delta. At the north entrance the paving brick across the highway near the railroad were removed, the necessary filling done to bring the grade even with the track and the brick replaced. Cement walk will be built on the college side to connect that already laid with the plank on the crossing. This improvement will be much appreciated by those living on the north side of the track.

The following shows the weather conditions for the month of October.

Date	Temperature		Am't Snow or Rainfall	Prevailing Wind	Character of Day.
	max.	min.			
				7 a.m. 7 p.m.	
1	70	64	.17	S.	Fine mist in p. m.
2	71	53	.31	N. W. & W.	
3	74	48	---	S. W.	
4	79	52	---	W & S. W.	
5	70	54	---	N. & N. W.	
6	69	40	---	N. E. & E.	Frost in low places
7	73	45	---	N. & S. W.	
8	82	53	---	W.	
9	83	53	---	S. & E.	
10	65	52	.03	S. W. & N.	
11	47	36	.19	W.	Rain & Snow
12	52	36	---	W.	
13	75	36	---	S. & S. W.	Light Frost
14	69	53	---	S. W.	
15	66	56	---	S. & W.	Windy
16	58	46	---	W. & S. E.	
17	63	45	.02	E. & S. E.	
18	64	60	.80	S. & N.	
19	59	49	.13	E. & S. W.	
20	45	39	.01	W. & N. W.	Windy
21	47	36	---	W. & N. W.	Frost
22	48	30	---	N. W. & N.	
23	52	37	---	S. W. & W.	
24	42	35	---	N. & N. E.	Frost
25	46	26	---	N. E. & E.	Heavy Frost
26	52	28	---	N. E. & S.	Frost
27	49	44	---	S. W. & W.	
28	42	31	---	S. W. & N. W.	Frost
29	44	20	---	N. & N. E.	Heavy Frost
30	45	24	---	E. & S. W.	
31	44	34	.09	S. W.	

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